Best Teacher Award by SPPU

Best College Award by SPPU

Best Non Teaching staff Award by SPPU

Best College Sports Award by SPPU

# MODERN ANNUAL REPORT 2022-23

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॥ ज्ञानमयो भव ॥

Progressive Education Society's

# Modern College of Arts, Science and Commerce

(Autonomous)

Shivajinagar, Pune - 411 005.

**Office Bearers**

**Dr. Rajendra Zunjarrao**
Principal

**Prof. Shamkant Deshmukh**
Secretary, P.E.S., Pune 5.
Vice-Principal (Admin.)

**Prof. Dr. Anjali Sardesai**
Vice-Principal (Academics)

**Dr. Amruta S. Oke**
Vice-Principal

**Dr. Milind Alandikar**
Vice-Principal

**Prof. Sanjay Thengadi**
Vice-Principal

**Dr. Vijay Gaikwad**
Vice-Principal

**Dr. Shilpa Mujumdar**
Vice-Principal

**Dr. Shubhangi Puranik**
Vice-Principal

**Prof. Sunil Doiphode**
Vice-Principal, Junior College

**Prof. Subhash Karekar**
Supervisor, Junior College

**Mr. Ganesh Sathe**
Registrar

**Printed at**
**SHREE SADGURU ENTERPRISES,**
**Pune 411035.**

Best College Award (Sports) SPPU, 2022
Best College Award (NSS), SPPU, 2021
Unnat Bharat Scheme, 2020
Best College Award, SPPU, 2020
Best College Award (Sports), SPPU, 2020
Mentor Institution Under 'Paramarsh' Scheme by UGC 2019
Autonomous Status by UGC, 2019
National Award for Best Accessible Website 2018-19
Best College Award (Sports), SPPU, 2019
Best College Award (Sports), SPPU, 2018
NAAC Re-accredited with 'A+' Grade, 2017
College with Potential for Excellence, UGC, 2017
Best College Award (Sports), SPPU, 2017
Best College Award (Sports), SPPU, 2016
Community College Scheme, UGC 2015
Best College Award (NSS), SPPU, 2014
Star College Scheme, DBT, 2014
BSR Scheme, UGC, 2013
FIST Scheme, DST, 2012
College with Potential for Excellence, UGC, 2011
NAAC Re-accredited with 'A' Grade, 2010
Best College Award, SPPU, 2008

# MODERN
## 2022 - 2023

**Editorial Board : Annual College Magazine**
**Convener :** Principal Dr. R. S. Zunjarrao
**In-charge :** Vice-Principal Dr. Amruta Oke

**Editors : Prof. Dipali Lodh, Dr. Vaijayantimala Jadhav**

**Coordinators :**

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| Prof. Sneha Mahajan | Dr. Prerna Ubale |

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| Shri. Hrishikesh Kondhalkar | Shri. L. P. Adagale |

Prof. Sukanya Garg

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# From The Chairman's Desk

Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 was established in the year 1970 with the aim to impart quality education to the young minds, as the first senior college of Progressive Education Society, Pune 5. This institution was 'a-dream-come-true' for the two visionary educationists, namely, the founders of Progressive Education Society: Late Shankarrao Kanitkar and Late V. T. Tatke. The grand success achieved by the institution in these five decades has proved that we have achieved our objective of instilling education and values in our students; imparting holistic education; inculcating research and problem solving skills; preparing the students for the global marketplace; and being technologically sound.

As one of the leading colleges imparting higher education in Maharashtra from undergraduate level to Ph.D., the college has always been a front runner in introducing new courses as per the needs of the times. Courses like Animation, B.Sc. Blended, Fashion Technology and Apparel Designing, BBA, BBA (CA), BBA (IB), M.Com (E-commerce) and PG Diploma in Data Science received an excellent response from the students.

Modern College, Pune-5 has been bestowed with several awards and recognitions like 'Best College Award' by Savitribai Phule Pune University, Pune in 2008 and in 2021 ; FIST (Funds for Improvement of Science & Technology Infrastructure) grants from DST, New Delhi in 2012 and 2019; BSR funds from UGC in 2013 ; STAR College Scheme from DBT, New Delhi in 2014 ; 'Best College Award- NSS' by Savitribai Phule Pune University, Pune in 2014; UGC sanctioned 'Community College Scheme' in 2015; NAAC, Bangalore re-accreditation with 'A+' Grade CGPA:3.51 in 2017; College with Potential for Excellence Status of UGC in 2011 and 2017; National Award for the 'Best Accessible Website' by Ministry of Social Justice and Empowerment in 2018; got recognition as Mentor College under Paramarsh "UGC Scheme for Mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education" in 2019. Unnat Bharat Scheme, a flagship program by the Ministry of Education in 2020 is yet another feather in the cap of Modern College.

I feel proud to say that not only in academics, but in sports as well, the college has broken all records. For the first time ever in the history of SPPU Pune, Modern College, Pune-5 has become the only college to get the 'Best College Award (Sports)' for six consecutive years from 2015. These rewards show the dedication of the teaching staff, non-teaching staff and students of the college towards achieving excellence. The students represented India in International games and Olympic Games.

In this academic year, the college organized one National Level Conference on National Education Policy w.r.t 4 year degree. Various state level webinars curricular and extra-curricular activities in online manner were also organized by the college.

In the Academic Year 2022-23, we not only enrolled 12500 students for various courses in our college but also the highest number of International students and visually impaired students sought admission to Modern College, Shivajinagar, Pune-5 for seeking education. The college provides modern facilities like 'Audio Notice Board', Accessible College Website, Braille Books, Audio Books, Wheelchair facility for the physically challenged and visually impaired students.

All the departments of the college have successfully organized several events throughout the year with active participation from enthusiastic students. The NSS and NCC Units of the college have excelled in the activities conducted by them in the academic year. The NCC cadets got the opportunity to escort Hon'ble Prime Minister Shri. Narendra Modi during the Republic Day Parade at New Delhi. The cadets got selected to represent Maharashtra in the Republic Day Parade at New Delhi.

Under the everlasting dedication of the P.E. Society's Joint Secretary and CDC Chairperson Prof. Dr. Mrs. Jyotsna G. Ekbote, the college bravely accepted the challenge of COVID-19 pandemic from the beginning of the academic Year 2022-23. The devotion of the principal of Modern College, Shivajinagar, Pune-5, Dr. Rajendra Zunjarrao, all the Vice Principals, Head of the Departments and teachers helped us to tackle the pandemic situation bravely. Progressive Education Society organized various workshops and awareness sessions on National Education Policy 2020.

I feel proud to say that Modern College, Shivajinagar, Pune-5 is one of the very few educational Autonomous institutions which could start the preparations of implementations of NEP 2020 w.r.t. syllabus framing and implementation of courses.

Keeping in mind the continuous growth of the courses, laboratories, research centers and number of students in the College, the Progressive Education Society has recently completed the construction of an 11 storey building which will house international grade laboratory facilities, classrooms and administration sections.

Modern College, Shivajinagar, Pune-5 is the 'PRIDE' of the Progressive Education Society. I congratulate the Principal of the College Dr. Rajendra Zunjarrao and all his associates who have played a major role in the success of the institute. I hope the college retains its mantra of being 'Modern' and 'Progressive' always.

I give credit for all these commendable achievements to the leader of “Team Modern” Dr. Rajendra Zunjarrao and the College Development Committee of this college which consists of senior educationists like Prof. P. S. Chirputkar, Prof. Dr. A. K. Pande and Chairperson of the College Development Committee, Prof. Mrs. Jyotsna G. Ekbote.

Vice Principals viz. Prof. S. S. Deshmukh, Dr. Anjali Sardesai, Prof. Dr. M. D. Alandikar, Dr. A. S. Oke, Prof. S. S. Thengadi, Dr. Shubhangi Puranik, Dr. Shilpa Mujumdar, Dr. V. N. Gaikwad, Prof. Sunil Doiphode have been proficiently supporting the Principal. I am happy to mention that all the members (Teaching and Non-Teaching) are responsible for the success and achievement of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5.

I congratulate the Principal, all CDC Members, the staff members and students of this college for their achievements. I also appreciate the sincere efforts of Editor Dr. Vaijayantimala Jadhav and the members of the editorial board for publishing this annual report 'MODERN' for the academic year 2022-23.

***Prof. Dr. Gajanan Ekbote***

M.S..,M.N.A.M.S.

Chairman, Business Council,

P. E. Society,Shivajinagar,Pune-5

# CDC Chairman Message

Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 was established in the year 1970 and since its establishment it has been progressing remarkably towards achieving the objectives of the establishment of the first senior college under Progressive Education Society by the visionary founders - Late Shankarrao Kanitkar and Late V. T. Tatke.

The college has made its mark in the field of higher education because of the introduction of several professional courses like Computer Science, Animation, Biotechnology, Microbiology, BBA, BBA (CA), BBA (IB), M.Com (E-commerce), PGDBT, B.Voc. (Fashion Technology), B.Voc. (Animator), P.G. Diploma in Data Science which were the need of the time.

Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 has received several accolades from the National Assessment and Accreditation Council (NAAC) in all the three cycles of accreditation. The college is re-accredited by A+ Grade (CGPA: 3.51) in 2017 by NAAC, Bangalore. As the college received higher grades in the three consecutive accreditation cycles and with the wonderful recommendations of the NAAC Peer Team, the always progressively thinking Chairman of Progressive Education Society Prof. Dr. Gajanan R. Ekbote and other Management Members planned to move towards 'Autonomy' for the college. As a result of this, the University Grants Commission, New Delhi granted 'Autonomous Status' to the college for a period of ten years with effect from 2019-20 to 2028-29. The college has successfully completed four years of autonomy in the academic year 2022-23.

We feel honoured that Modern College, Shivajinagar, Pune-5 has got recognition as Mentor College under Paramarsh “UGC Scheme for Mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education” in 2019 from University Grants Commission, New Delhi. Unnat Bharat Scheme, a flagship program by the Ministry of Education in 2020 is yet another feather in the cap of Modern College.

During my several visits to this college, I have witnessed the hard work poured in by all the teaching and non-teaching staff members of the college. The research base of the college is truly remarkable as presently we have 50 Ph.D. teachers and many more are in the final stages of completing their Ph.D. The college has 10 Ph.D. centers affiliated to SPPU, Pune. Many teachers have received recognition for presenting research papers in National and International Conferences in India and abroad. All this continuous untiring work for the betterment of the students, college and society at large got rewarded in the form of getting recognised as 'College with Potential for Excellence' by UGC, New Delhi. DST-FIST Scheme by the Department of Science and Technology, Govt. of India has been sanctioned to the college for the second successive time; under which the college has developed a very highly equipped centre for Chemistry. The college has been sanctioned with 'Star College Scheme' status by the Department of Biotechnology, Ministry of Science and Technology, Government of India. The college has excelled not only in academics, but in sports too by creating history of becoming the first college ever to get 'The Best Sports College Award 2022' by SPPU, Pune for the sixth Consecutive Year. The Physical

Education department prepares the students for various State / National and International Level Championships and conducts a unique annual competition of 'Progressive Shree'.

The teaching staff members have represented them well in research projects funded by several organisations. The college NSS and NCC Units have performed exceptionally well by preparing students for Republic Day Parades, for creating awareness through rallies, working for the society through NSS Camps etc.

The state-of-the-art laboratories motivate the researchers to do quality research work as a result of which our Science Faculty teachers have registered for National and International Patents in their name and granted 2 patents in the ac. yr. 2022-23.

Under the able leadership and continuous guidance of Progressive Education Society's Chairman Prof. Dr. Gajanan R. Ekbote, we faced the adverse conditions during the COVID-19 pandemic situation as a challenge and successfully tackled them by conducting Online Faculty Development Programmes for providing training related to Online Teaching and Learning and conducting Proctored Examinations. The indigenously developed LMS system and the online examination system are some of the things that the college developed during the implementation of Autonomy.

The recently completed construction of an 11 storey building will house international grade laboratory facilities, classrooms and administration sections.

I, as the Chairperson of CDC, Modern College, Pune-5 congratulate Principal Dr. Rajendra S. Zunjarrao, all the Vice Principals, Heads of the Departments, Registrar, all teaching and non-teaching staff members; students of this college; alumni on their success. Through the unending dedication shown by all the stakeholders, the unit has become a 'Jewel in the Crown of Progressive Education Society'.

I also appreciate the sincere efforts of Editor, Dr. Vaijayantimala Jadhav and the members of the editorial board for publishing this annual report 'MODERN' for the academic year 2022-23.

With best regards,

**Prof. Dr. Mrs. Jyotsna G. Ekbote**
Chairperson, CDC
Joint Secretary, Progressive Education Society,
Shivajinagar, Pune-5.

# From the Principal's Desk

At the end of the Academic Year 2022-23, I am glad to share my feelings about the various achievements and activities that took place during the year. After the achievement of A+ Grade from the National Assessment and Accreditation Council, Bangalore in 2017; continuation of 'College with Potential for Excellence Status' by UGC, New Delhi for the second phase; funding of Rs.1.5 Crores under the DST-FIST Scheme from the Department of Science and Technology, New Delhi, the college has received 'Best College (NSS Award)' for the second time from Savitribai Phule Pune University. Another consecutive achievement for us is the award of Unnat Bharat Scheme of the Govt. of India to the college under which the college adopted five villages.

The student strength of our college has reached to 12,500, which includes 85 international students. We have successfully implemented an online admission process for all classes and are providing online fee facilities to the students. In the COVID 19 pandemic period, implementation of the online teaching learning process was a revolution made in a traditional college like ours. Faculty Development Programs, recurrent training given to teachers and students was a key to this success. An indigenously developed online examination and evaluation system, training to staff and students and its implementation led to the successful conduct of examinations in the online mode and declaration of the results in time. A separate provision was made for the visually impaired students to conduct their examinations. It was an innovative process which gave confidence to these students and they could appear for their examinations independently. In the year 2022-23, the college completed four successful years of autonomy implementation.

The college library further strengthened the 'Institutional Repository' for the benefit of the students. The fully automated library holds the best of collection of books, reference sources, journals, e-resources, braille books, audio books, newspapers and is enhanced by facilities like Biometric Attendance System, Digital Library Section, WebOPAC, 'MODLIB' Monthly Library E-bulletin and a spacious two storeyed reading halls for girls and boys. The library has a separate Computer Training facility for visually impaired students.

All the departments organized several events, fests and workshops with active participation of the students in the online mode. The college has successfully established an Institutional Innovation Council IIC, a Ministry of Education initiative. Under IIC many activities were conducted which helped the students to orient themselves about the start-ups, innovations, etc. Members of the teaching staff have been striving hard to achieve higher academic standards without compromising on their teaching assignments and routine college activities.

I wish to congratulate the NCC unit, NSS unit, the Physical Education Department, ISR and all the committees formed by the college for their active participation in co-curricular and extracurricular activities of the college.

I am thankful to the authorities of Progressive Education Society, particularly Prof. Dr. Gajanan R. Ekbote, Chairman, Business Council, P. E. Society and Prof. Dr. Mrs. Jyotsna Ekbote, Joint Secretary, P. E.

Society, for their valuable guidance and continuous encouragement. We are confident that through their able guidance, our college will continue progressing in all possible ways.

We are grateful to the Chairperson of College Development Committee Prof. Dr. Mrs. Jyotsna G. Ekbote, Dr. P. S. Chirputkar, Dr. A. K. Pande and Prof. Shamkant Deshmukh, Secretary of P. E. Society for their active support, guidance and encouragement.

I am indeed very happy and satisfied to note that the Annual Report Committee has been very innovative and has once again taken painstaking efforts and ensured that an improved quality Annual Report is ready for publication. I congratulate editor of the college Annual Report of the academic year 2022-23 Dr. Vaijayantimala Jadhav; Vice Principal In-charge of the Annual Report Committee, Dr. Amruta Oke and all the members of Annual Report Committee for their innovative efforts and quality work.

***Dr. Rajendra Zunjarrao***

***Principal***

# Internal Quality Assurance Cell

The functioning of the Internal Quality Assurance Cell is under the able guidance of Chairman IQAC, Dr. R. S. Zunjarrao. The IQAC committee was revised in the year 2022-23. In the revised structure, Dr. Vijay Gaikwad was added as a new member after the retirement of Vice-Principal (Commerce) Dr. A. V. Kamble.

The major achievement in the year 2022-23 is the Best College (Sports) award for the 6th consecutive time by Savitribai Phule Pune University. Band Beginner Ranking was received by the college, awarded under ARIIA (Atal Ranking of Institutions of Innovation Achievements) by the Ministry of Education, Govt of India under IIC. 3.5 stars were awarded to the college under IIC.

**MOOC Creation:** Creation of MOOC courses is one of the milestones since the academic year 2021-22. The e-content Development Cell developed MOOC courses of our own and these are offered to the students under Autonomy. The examinations are conducted in an online manner for these MOOC courses. In the ac.yr. 2022-23, the staff members of the college developed 10 new MOOCs in the e-content development cell and the courses were offered to the respective classes.

**Online Evaluation:** In the ac. yr. 2022-23, the Continuous Internal examinations were conducted in online mode with the physical presence of the students on campus. IQAC took the initiative to develop the infrastructure, strategy, rules and regulations w.r.t. conduct of online examinations in physical mode. The whole campus was wi-fi enabled. The required infrastructure was installed and internet leased line connection was extended to 500 mbps for the duration of the examination. MS - Teams was used as an official platform to conduct online examinations.

Separate provisions were made for the visually impaired students to conduct their examination.

Exclusive Feedback Collection mechanism was developed in Mograsis ERP through which the students individual feedback was received through his/her personal login. Semester wise feedback was conducted.

**New Courses :**

Started and conducted a certificate course *'Marathi Lalit Sangeet Pramanpatra'* in association with the Lalit Kala Kendra, SPPU.

M.Sc. (Animation) course was started in the ac. yr. 2022-23. Modern College is the pioneer to start the course in Maharashtra for the first time ever.

P.G. Diploma in Data Science course was started in the ac. yr. year 2022-23.

In the year 2022-23, the college conducted many curricular and extra-curricular activities in online mode as well as offline mode after December 2022. Every department conducted their yearly Fest, departmental activities and submitted the reports to IQAC.

This year also the data collection, data compilation and record keeping of data processes were revamped. Generalized formats were prepared and the focus was given on online data collection. The data was collected and compiled which was used for the submission of AISHE, NIRF, Annual Reports, MIS and Self appraisal reports of the institution.

IQAC took the initiative to conduct a Biodiversity audit on its own. The staff members and students took initiative to conduct the Audit. Funds were provided to them through the Yuva Sanshodhak Scheme of the College.

IQAC submitted the AQAR report of the year 2020-21 in an online manner. For the data collection purpose w.r.t. AQAR, a separate task based AQAR committee was formed. In the revised form of data collection, it was decided and implemented the collection of data in online format using google sheets shared by IQAC. The AQAR of the year 2020-21 was submitted on 11th May 2022. The preparation of AQAR for the year 2021-22 is in progress.

The college conducted Departmental AAA for every Department and the compliance reports were sent to IQAC. The College also conducted Institutional AAA through the external agency, CEDA.

The college organized and successfully conducted a National Conference on NEP 2020 four year course.

One offline zonal level Avishkar competition was conducted in the college which was organized by SPPU.

In addition to these conferences, various workshops, seminars, guest lectures and teachers training programs were proposed and organized by IQAC.

Many awareness workshops, meetings with reference to the implementation of NEP 2020 were conducted. The syllabus framework and detailed syllabus was prepared as per the GR published on 20th April 2023. The various BOS meetings were conducted and the NEP syllabus was passed by the Academic Council. As per the SPPU circular, the syllabus was sent to SPPU for approval.

The College has several committees and associations for the curricular, co-curricular, extra-curricular, extension, outreach and ISR activities. The formation and coordination of all the committees was successfully done by the IQAC and the report of activities conducted by each committee during the academic year was received.

The IQAC conducts the meetings of Head of all the Departments for the planning and improvement in the infrastructure development, innovations in the process of teaching learning and evaluation, organization of conferences and seminars, planning of academic, curricular, co-curricular and extra-curricular activities, review of result analysis for the admission process, examination reforms, department wise budget allocation and utilization of available funds.

The regular meetings of IQAC are conducted and new resolutions, proposals are initiated in the meetings which are then approved in CDC for the implementation.

IQAC owes deepest gratitude to Hon'ble Dr. G. R. Ekbote, Chairman, Business Council, Progressive Education Society, Prof. Shamkant Deshmukh, Secretary, Progressive Education Society, Prof. Dr. Mrs. Jyotsna G. Ekbote, Chairperson College Development Committee, Prof. P. S. Chirputkar and Dr. A. K. Pande for their constant support, guidance and motivation towards the effective functioning of IQAC towards achieving excellence in quality.

The IQAC team is thankful to the chairman IQAC, Dr. R. S. Zunjarrao for his continuous efforts, innovative ideas, future planning, all time guidance and constant support for the inculcation and implementation of academic and quality culture in the institution. Under the able guidance of all of them, IQAC assures to excel in functioning and dreaming towards A++ grade by NAAC in the next accreditation cycle.

**- Dr. Anjali Sardesai**
Coordinator, IQAC

# Office

The office of the college plays a very important role in the overall administration of the college. We offer our best services to the students, staff and management of the college. The college office is totally computerized and uses the latest software i.e. Tally ERP Prime for college accounts, Winman for filing TDS returns of contractors and Salary TDS, Mograsys for online admission process. During the period of Covid-19 pandemic our office staff played a very important role. I am grateful to them for their support in this crucial situation. I am very happy to say that day by day by using latest information technology, the college office is working very efficiently and provides fast and efficient services to the students staff and management of the college under the leadership of our our Chairman, Hon'ble Dr. Gajanan Ekbote, Hon'ble Prof. Dr. Mrs. Jyotsna Ekbote , Chairman College Development Committee. Prof. Shamkant Deshmukh, Secretary and Vice Principal and Respected Principal, Dr. Rajendra Zunjarrao.

**Staff members who retired in the Academic Year 2022-23**

| Sr. No. | Name of the Staff | Designation | Department | Date of Retirement |
|---|---|---|---|---|
| 1 | Prof. Balkrishn Bhagwat Yenge | Associate Professor | Electronics | 30/06/2022 |
| 2 | Prof. Vijay Tukaram Shelke | Associate Professor | Physics | 31/7/2022 |
| 3 | Shri. Indrajeet Sugreev Parde | Superintendent | Office | 30/6/2022 |
| 4 | Prof. Dnyandeo Sadhu Mane | Associate Professor | Mathematics | 31/05/2023 |
| 5 | Shri. Ramesh Bhima Dhotre | Laboratory Assistant | Chemistry | 31/5/2023 |

**Faculty wise Students admitted during the year:**

| Sr.No | Faculty | Grant Section | Non Grant | Total |
|---|---|---|---|---|
| 1 | Junior Section | | | |
| | **Arts** | **349** | **236** | |
| | **Commerce** | **9**48 | 222 | |
| | Science | 922 | 176 | |
| | Total | 2219 | 634 | 2853 |
| 2 | Under Graduate Section | | | |
| | Ar**ts** | **521** | **708** | |
| | **Commerce** | **1321** | 2455 | |
| | Science | 505 | 1412 | |
| | Total | 2347 | 4575 | 6922 |
| 3 | Post Gr**aduate Sectio**n | | | |
| | Arts | 0 | 360 | |
| | Commerce | 123 | 121 | |
| | Science | 0 | 754 | 1358 |
| | | | | |
| | Total | | | 11133 |

**New staff appointed in the Non-grant section of college in the academic year 2022-23**

| S.No | Name of the Staff | Designation | Department | Date of Appt. |
|---|---|---|---|---|
| 1 | Ms. Payal Thakur | Jr. Clerk | Digital Room | 01/01/2022 |
| 2 | Ms. Chaitrali Kale | Jr. Clerk | Exam | 20/6/2022 |
| 3 | Ms. Sheetal Rawal | Jr. Clerk | Exam | 04/07/2022 |
| 4 | Ms. Komal Shinde | Jr. Clerk | Office | 10/07/2022 |
| 5 | Mr. Sachin Nalawade | System Admin | Office | 01/08/2022 |
| 6 | Mr. Suraj Kadam | Peon | Office | 20/6/2022 |
| 7 | Mr. Nilesh Joshi | Peon | Office | 01/7/2022 |

**Registrar**
**- Mr. Ganesh Sathe**

# Department of Economics

**PART A**

**DIQAC Composition and Activities**

Department Name: Economics

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. Dr. A.H.Shende | HOD , Professor and Chairperson of DIQAC | 9422001016 | hodeconomics@moderncollegepune.edu.in |
| 2 | Dr. S.S.Deshmukh | Associate Professor | 9423218612 | deshmukheconomics@moderncollegepune.edu.in |
| 3 | Dr. P.B.Mujumdar | Assistant Professor | 9767633124 | mujumdareconomics@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related) NA

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

i) Guest lecture was organized by the Department of Economics on 9th January, 2023. The guest of honour being Director of higher education, Government of Maharashtra, Dr. Shailendra Deolankar. The guest spoke on "G20 and India's Economic Diplomacy".
ii) Dr. Atul Deshpande, Professor in Economics, delivered lecture on the topic "World Recession and India" on 3rd February, 2023.

iii) Prof. Sangeeta Shroff from Gokhale Institute of Politics and Economics, Pune, delivered a lecture on "Indian Agriculture- Opportunities and challenges" on 8th February, 2023.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| Organised guest lectures on relevant and contemporary topics of Economics which will help students to get job placements. | Huge response for these lectures from students. The lecture on "G 20 and India's Diplomacy" was attended by around thousand students. |

** Attach the Academic Calendar of the year as Annexure.*

Annexture1 -Attached list and photos

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | 01 | --- | --- | --- |
| PG | 01 MA | --- | --- | --- |
| UG | 02 (B A and B.Com) | --- | --- | --- |
| PG Diploma | 01 (PGDBF) | --- | --- | --- |
| Advanced Diploma | --- | --- | --- | --- |
| Diploma | --- | --- | --- | --- |
| Certificate | --- | --- | --- | --- |
| Others | -- | -- | --- | --- |
| **Total** | 05 | --- | --- | --- |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

| Sr.No | Syllabus revision for the following courses as per National Education Policy 2020 was done |
|---|---|
| 1 | B A in Economics Framework and Syllabus of F Y B A |
| 2 | B. Com for Economics and Banking Major Framework and Syllabus of F Y B Com |
| 3 | M A in Economics Framework and Syllabus of Part-I |
| 4 | M Com for Industrial Economics and Industrial Economic Environment |

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year –
Post Graduate Diploma in Banking and Finance

1.2.1 - Number of new courses introduced across all programmes offered during the year

NIL

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

B.A. , M.A. B.Com and M.Com

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year – Nil

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **B A SEM-V** | **Marathi Medium -24 English Medium -62** |
| **B A SEM-VI** | **Marathi Medium -24 English Medium -62** |
| **MA SEM- I --- Field Work** | **25** |
| **M A S EM-II --Internship** | **25** |
| **MA SEM-III ---- Field Work** | **22** |
| **MA SEM-IV ----Internship** | **22** |

**Criterion – II**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| | 04 | Laptop , Projector | All | --- | --- |

**2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 04 | 02 | 01 | 01 | -- |

2.2 No. of permanent faculty with Ph.D. 03

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure* *Annexure 2 - NA*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )* - NA

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 05 | |
| Presented papers | | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

*Annexture-3*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Interactive lecture sessions, Group Discussion, Presentations on relevant topics of Economics.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| **Sr. No.** | **Name of the staff member** | **Role** | **Date of the workshop** |
|---|---|---|---|
| 1 | Dr. S.S. Deshmukh | BOS member at Sangamner College, Sangamner | 12th June 2023 |

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department NA

2.14 Details of Administrative and Technical staff NA

**Criterion – III**
**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year : NIL

3.2.3 - Number of teachers recognised as research guides : NIL

3.3.1 Incentive to the teachers who receive recognition/awards : NIL

3.3.2 Ph. Ds awarded during the year : NIL

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects : NIL

3.3 Details regarding minor projects N A

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | 1 | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | 3 | |

*Please provide the information in following format as annexure* *Attached Annexture -3*

3.3.3 Research Publications in the Journals notified on UGC website during the year : NA

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index : NA

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science) : NA

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations : NA

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1 | Dr. Amrita Priyam | Demographic Aspects Matters | IIP Iterative International Publishers, Chikkamangaluru, Karnataka | 978-93-95632 | August ,2022 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year : NA

3.10 consultancy provided by the Department : NA

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department : NIL

3.12 Details faculty served as experts, chairpersons or resource persons
*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations : NA

3.14 Details of linkages created during this year : NA
*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year : NA

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year NA
*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them
*Please provide the scan copies of the guide ship letters as annexure -Please see the annexure -4*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other) NIL
*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | 07 | | |
| Presented papers | | | | |
| Resource Persons | | | | |

**3.5 Collaborations NA**
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year NIL

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year NIL

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year - NIL

**Criterion – IV**
**4. Infrastructure and Learning Resources**
4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 04 | --- | 1 Broad band connection | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| Grant - 70<br>Non grant- 114 | MA – 52<br>PGDBF- 07 | 09 | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure* *Please see Annexture-5*

(c) No. of international students

*Please provide the list of students, Gender, class, category as annexure*

| Men | No | % |
|---|---|---|
| | | |

| Women | No | % |
|---|---|---|
| | | |

5.2.1 - Number of outgoing students who got placement during the year

| ***On campus*** | | | ***Off Campus*** |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year NA

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: Relevant and contemporary topics of Economics are incorporated in the syllabus.

6.3.2 Teaching and Learning: Individual counselling is done for the students by the subject teachers.

6.3.3 Examination and Evaluation : The question paper is set 50% questions with moderately difficult questions, 30% difficult questions and 20% decisively difficult questions.

6.3.4 Research and Development : Review articles from the Post Graduate students

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment : Qualified faculty is appointed

6.3.8 Industry Interaction / Collaboration NIL

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association NA

6.12 Activities and support from the Parent – Teacher Association NA

6.13 Development programmes for support staff NA

6.14 Initiatives taken by the institution to make the campus eco-friendly NA

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

Activity Based Learning --- Class presentation, Use ICT, Organisation of various competitions for the students

Promotion of research ---- Ph D research Centre

7.4 Contribution to environmental awareness / protection

The staff commutes with public transport by 25th January, 2023

7.6 SWOC Analysis of the Department

**Strengths:**

Qualified Staff, Effective Teaching, Good interpersonal relations with students

**Weakness:**

Due to overlapping of the lectures in the time table , the CHB staff needs to be appointed for 8 lectures

**Opportunities:**

Participation in interdisciplinary education

**Challenges:**

Teaching to students from lower middle class and vernacular medium

8. **<u>Plans of Department for next year</u>**

Placement for the banking students

Organisation of Guest Lectures of eminent economist and Eco Fest

Annexture-1

List of Guest Lectures 2022-23

1) Guest lecture was organized by the Department of Economics on 9th January, 2023. The guest of honor being Director of higher education, Government of Maharashtra, Dr. Shailendra Deolankar. The guest spoke on “G20 and India’s Economic Diplomacy”.

2) Dr. Atul Deshpande, Professor in Economics, delivered lecture on the topic “World Recession and India” on 3rd February, 2023.

3) Prof. Sangeeta Shroff from Gokhale Institute of Politics and Economics, Pune, delivered a lecture on "Indian Agriculture- Opportunities and challenges" on 8th February, 2023.

Annexure 2

| Sr.No. | Name of the Faculty | Position |
|---|---|---|
| 1 | Prof. Pooja Badekar | Adhoc |
| 2 | Dr.Amrita Priyam | C H B |
| 3 | Nandini Singh | CHB |
| 4 | Pooja Bedage | CHB |
| 5 | Adesh Ugale | CHB |
| 6 | Sachin Kunchelikar | CHB |
| 7 | Devyani Shahapurkar | CHB |
| 8 | Pratibha Sharma | CHB |
| 9 | Sadhana Bhegade | Visiting Faculty |
| 10 | Bhushan Biradar | Visiting Faculty |

Annexture 3

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Dr.Padmashri Mujumdar | "Impact of Government Policy Measures on Small and Medium Enterprises of Automotive Component Industry working in Pune Auto Cluster" | CARE list journal, Small Enterprises Development ,Management and Extension Journal, SAGE Publication, | Volume-49, Issue-2, published in June 2022. | |
| 2 | Dr. Amrita Priyam | "Contribution of Men Economists worldwide" | Conference Proceedings<br><br>Interdisciplinary International held in Pune in December 2022. | | |
| 3 | Dr. Amrita Priyam | "Indian Tribal Women and their Socio-Economic Development" | International Conference held in Bhopal, Madhya Pradesh, in February 2023. | Social Science and Management Welfare Association | |
| 4 | Dr. Amrita Priyam | "Gandhian Approach to Rural Development" | International Conference held in Ujjain, Madhya Pradesh in April 2023. | | |

Annexture 4

List of Present Ph. D Students

# Savitribai Phule Pune University

(Formerly University of Pune)

*Telephone No*: **25601258/1259**
*E-mail* : *boards@unipune.ac.in*
*Telegraph* : 'UNIPUNE'
*Fax No* : **25691233**

**ACADEMIC SECTION**
**Ganeshkhind, PUNE-411 007**

**Ref. No:** BOD/Humanities/61/491

**Date:** 22 /05 /2018

**To**

Dr. Arwah Arjun Madan
Sadhu Vaswani Mission St.Miras College
for Girls 6 Koregaon Road
Pune-411001

**Subject : Recognition as a Ph.D Research Guide**

Madam,

Please refer to your application for Recognition as a Ph.D Research Guide of Savitribai Phule Pune University, I am directed to inform you that the University authorities have been pleased to recognize you as a Ph.D Research Guide of this University under the provision of Section 37(1)(c) of the Maharashtra Public Universities Act, 2016.

***The details of your recognition are as under :***

1. You have been recognized to guide **Ph. D.** Scholars under the faculty of **Humanities** in the subject of **Economics** for the period of eight (8) years with effect from **06-02-2018** to **05-02-2026** with following particulars;

i)Three (3) M.Phil. and Eight (8) Ph. D. Scholars, if you are a Professor.

ii)Two (2) M. Phil. and Six (6) Ph. D. Scholars, if you are an Associate Professor.

iii)One (1) M. Phil. and Four (4) Ph.D. Scholars, if you are an Assistant Professor.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the University and University Grants Commission, (UGC) New Delhi from time to time in this behalf:

i) M.Phil/Ph.D. Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D. Degree) Regulations 2016.

ii) a) If the affiliation/Recognition granted by the university to your College/Institute gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.

b) In case of Research Institute, it should he recognized by the University for the subject for which you are recognized as M.Phil/Ph.D. Research Guide.
If the recognition granted by the University to your Research Institute gets over then your recognition as an M.Phil/Ph.D. Research Guide will be treated as cancelled from the date on which the recognition to your Research Institute gets over.

Department of Economics List of Ph. D Students completed

| Sr. No. | Name of the Students | Subject | Date of Registration | Date of Declaration | Category | Name of Guide & Co-Guide |
|---|---|---|---|---|---|---|
| 1 | Mrs. Vinita Srivastava | Role of Manndeshi Mahila Bank Model in terms of Financial Inclusion of Rural Woman | 25/07/2014 | 20/06/2019 | Open | Dr.M.M. Satam |
| 2 | Mrs. Shilly John | Use of Credit Cards and its effect on Spending Behaviour of Employees in Pune City | 25/07/2014 | 08/09/2019 | Open | Dr.M.M. Satam |
| 3 | Ms. Pramila Gaikwad | Demographic Changes and its Consequences on the Human Resource Development | 25/07/2014 | 25/11/2019 | Open | Dr. Arvind Shelar |
| 4 | Mr. Ramdas Gadge | Pune Shahratil Krushi utpann Bajar Samiti ani Paryayi Krushi Utpann Bajar yancha tulanatmak Abhyas | 24/04/2016 | 04/04/2022 | ST | Dr. D.B.Pawar |
| 5 | Mr. H.K.Jagtap | Impact of Indusrialisation on Agriculture in Raigad District( 1991-2015) | 25/07/2014 | 20/05/2022 | Open | Dr. A.H.Pawar |

Annextures-5

The department of Economics successfully conducted various activities in the academic year 2022-23. All exam related work was conducted within the given time limit. All the results of UG Arts and Commerce, PG (MA Economics) and PGDBF (Post Graduate Diploma in Banking and Finance) were declared as per the schedule of the college. Various competitions were held and Eco Fest was organized by the Department of Economics in January, 2023.

The faculty members of the department of Economics excelled in various achievements in this academic year. Following activities were organized by the department in 2022-23:

1) A guest lecture was organized by the Department of Economics on 9th January, 2023. The guest of honor was the Director of Higher Education, Government of Maharashtra, Dr. Shailendra Deolankar. He spoke on "G20 and India's Economic Diplomacy".
2) Dr. Atul Deshpande, Professor in Economics, delivered a lecture on the topic "World Recession and India" on 3rd February, 2023.
3) Prof. Sangeeta Shroff from Gokhale Institute of Politics and Economics, Pune, delivered a lecture on "Indian Agriculture- Opportunities and challenges" on 8th February, 2023.

**FACULTY ACHIEVEMENTS**

**Achievements of the faculty members of the Department of Economics**

**Dr. Abhay Shende**

1. Appointed on Research and Recognition (R&R) Committee in the subject of Economics under the faculty of humanities by Honorable Vice-Chancellor of Savitribai Phule Pune University, Pune.
2. Worked in the R&R Committee of Savitribai Phule Pune University, Pune.
3. Worked as CAS member subject expert.

4. Worked as subject expert in approval for Principals and Professors in Savitribai Phule Pune University, Pune.
5. Worked as representative of Savitribai Phule Pune University for Local Enquiry Committees in various colleges.

**Dr. Padmashri Mujumdar**

1. Published paper titled "Impact of Government Policy Measures on Small and Medium Enterprises of Automotive Component Industry working in Pune Auto Cluster" in UGC-CARE list journal, Small Enterprises Development, Management and Extension Journal, SAGE Publication, Volume-49, Issue-2, published in June 2022.
2. Invited as a subject expert in the selection committee (constituted under minority rule) for the selection of Assistant Professor in Economics at Kaveri College of Arts, Science and Commerce, Pune on 29th September 2022.
3. Worked as a coordinator for organising Essay, PPT and Street Play Competition on 2nd, 3rd and 4th January 2023 organised on the occasion of celebration of National Youth Day conducted by MCASC, Pune-5 in association with Cosmos Bank, Pune.
4. Attended National Conference on National Education Policy 2020 organised by Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune-5 on 14th and 15th February, 2023.
5. Invited as an external examiner for the B A and B Com Honours Project Viva conducted by Department of Economics and Banking, Symbiosis College of Arts and Commerce, Pune on 5th April ,2023.

**Dr. Amrita Priyam**

1. Published a book on Demography named **"Demographic Aspects Matters"** August, 2022 with ISBN: 978-93-95632-15-7
2. Wrote a Paper on "Contribution of Men Economists worldwide" in an Interdisciplinary International Conference held in Pune in December 2022.
3. Wrote a Paper on "Indian Tribal Women and their Socio-Economic Development" in an International Conference held in Bhopal, Madhya Pradesh, in February 2023.
4. Wrote a Paper on "Gandhian Approach to Rural Development" in an International Conference held in Ujjain, Madhya Pradesh in April 2023.
5. Attended National Conference on New Education Policy 2020 organised by the Modern college of arts, science and commerce (Autonomous), Shivajinagar, Pune -5, on 14th and 15th February, 2023.
6. Invited as a paper setter subject expert in Economics, by the Department of Commerce in Indira College of Commerce and Science, Pune on 19th April, 2023.

**Prof. Dr. Abhay Shende**
Head, Dept. of Economics

# Department of English

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. Alka Kamble | HoD and Chairperson of DIQAC | 9423005026 | hodenglish@moderncollegepune.edu.in |
| 2 | Prof. Dipali Lodh | Member 1 | 9822534716 | lodhenglish@moderncollegepune.edu.in |
| 3 | Prof. Pallavi Math | Member2 | 9920668560 | mathenglish@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students N/A Alumni N/A Others N/A

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department: N/A

Total Nos. [ ] International [ ] National [1] State [ ] nstitution Level [ ]

Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year: English Meet, Poetry Reading Competition, Letter Writing Competition, Translation Day Competition, Annual Exhibition.

Guest Lecture by Omkar Gokhale, renowned script and content writer

Coordinated and conducted a training course in Center For Materials Electronics Technology ( C-MET), Panchwati , Pune.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| UG/ PG Poetry Reading Competition, Letter Writing Competition, Translation Day Competition, Annual Exhibition planned.<br>Guest Lecture Planned | Poetry Reading Competition held on 10th January 2023<br>Letter Writing Competition held on 22nd August, 2022<br>Translation Day Competition held on 30th September, 2023-10-20,<br>Annual Exhibition held on 20th January 2023.<br>Guest Lecture by Omkar Gokhale and E - book launch of Nikhlesh Khatri held on 30th December 2022. |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | NA | NA | NA | NA |
| PG | MA in English | NA | NA | NA |
| UG | English Special at UG level | NA | NA | NA |
| PG Diploma | NA | NA | NA | NA |
| Advanced Diploma | NA | NA | NA | NA |
| Diploma | NA | NA | NA | NA |
| Certificate | NA | NA | NA | NA |
| Others | NA | NA | NA | NA |
| **Total** | | | | |
| Interdisciplinary | English Papers are offered at SYBSc all level and FY BCom Commerce | NA | NA | NA |
| Innovative | NA | NA | NA | NA |

1.1.2 Number of Programmes where syllabus revision was carried out during the year: N/A

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: N/A

1.2.1 - Number of new courses introduced across all programmes offered during the year: N/A

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System: N/A

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year: N/A

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **Internship Programme was undertaken.**<br>**Students from Special English (UG) and (PG) were guided to undertake Internship and the students worked in the Language Industry.**<br>**Students also attended the Pune International Literary Festival.** | **Total Number of Students: 40** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| Eight | Eight | In the Classes | | | |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| | 3 | NA | NA | 5 Ad-hoc |

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 3 | Nil | | | | | | | | |

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

| Nil | | |
|---|---|---|

**2.4.2 Honours and recognitions received by teachers: N/A**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)*

2.5 Faculty participation in conferences and symposia:
*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students 70%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes: Through class activities and tests, conducting GDs, PPT Presentations and internships

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff: N/A

**Criterion – III**

**3. Research, Consultancy and Extension: N/A**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides: N/A

3.3.1 Incentive to the teachers who receive recognition/awards : N/A

3.3.2 Ph. Ds awarded during the year: N/A

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | 01 | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference Proceedings | | | |

*Please provide the information in following format as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year: NA

3.10 consultancy provided by the Department : NA
*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department : NA

3.12 Details faculty served as experts, chairpersons or resource persons : NA
*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations: NA

3.14 Details of linkages created during this year : NA
*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year: NA

3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year: NA
*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them: NA
*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)
*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | N/A | 08 | N/A | N/A |
| Presented papers | N/A | 01 | N/A | N/A |
| Resource Persons | N/A | N/A | N/A | N/A |

**3.5 Collaborations N/A**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year : NIL

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year : NIL

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 25 | 15 | - | - |

(b) No. of students outside the state 04

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students: 01

*Please provide the list of students, Gender, class, category as annexure*

| No | % |
|---|---|
| | |

Men

| No | % |
|---|---|
| | |

Women

5.2.1 - Number of outgoing students who got placement during the year:

| Name of student placed with his/her contact details | Programme completed | Name of the employer with contact details | Pay package at the time of appointment |
|---|---|---|---|
| **Vahbiz Damania** | **MA** | **Arham College of Management and Information Technology** | **25,000/-** |
| **Isha Joshi** | **MA** | **Kaveri College** | **25,000/-** |
| **Sayali Gaikwad** | **MA** | **Home Tuitions/ Periwinkle English Medium School** | **25,000/-** |
| **Piu Roy** | **MA** | **Vidya Valley School** | **15,000/-** |
| **Shambhavi Joshi** | **MA** | **Kidzee Pre-Primary School** | **15,000/-** |
| **Shilpa Seth** | **MA** | **Institute of Holistic Healing, India** | **15,000/-** |
| **Jaya Singh** | **MA** | **Orchid International School** | **25,000/-** |
| **Sreshthi Datta** | **MA** | **The Learning Stem International Stem** | **20,000/-** |

**5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year N/A**

**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year: N/A**

**5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year: N/A**

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year: N/A

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | Dates (from-to) | No. of participants (Teaching staff) | No. of participants (Non-teaching staff) |
|---|---|---|---|---|---|
| Vriddhi Training Program<br><br>NEP Guidance | | Vriddhi Training Program<br><br>NEP Guidance | 21/1/2022<br><br>26/4/2023<br>2/5/2023 | 01<br><br>08 | N/A<br><br>N/A |

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year: N/A

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development
6.3.2 Teaching and Learning
6.3.3 Examination and Evaluation
6.3.4 Research and Development
6.3.5 Library, ICT and physical infrastructure / instrumentation
6.3.6 Human Resource Management
6.3.7 Faculty and Staff recruitment
6.3.8 Industry Interaction / Collaboration
6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association
6.12 Activities and support from the Parent – Teacher Association
6.13 Development programmes for support staff
6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

Poetry Reading Competition, Annual Exhibition, Letter Writing Competition, Translation Day Competition, Research Projects, Counselling for employability by professionals

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

8. Plans of Department for next year:

Poetry Reading Competition, Annual Exhibition, Letter Writing Competition, Translation Day Competition, Research Projects, Counselling for employability by professionals

**The Department of English organized the following activities in the year 2022-23**

1) A Personal Letter Writing Competition was organized on 22nd August 2022.

   The Competition was coordinated by Ms. Nilam Ingole and Ms. Alphy Jubit. Ms. Sneha Mahajan, Head, Dept. of German and Ms. Priyanka Joshi , Department of History worked as judges for the competition. Around 80 students participated in the competition.

2) A Creative Writing Workshop was organized on 29th December 2022. Mr. Omkar Gokhale, renowned writer, director and creative writer was invited to conduct the workshop. A book launch of an e-Book by a student from the Department of Computer Science Mr. Nikhil Khatri was also organized on the same day. Ms. Alka Kamble coordinated the event.

3) "Adapthon" an annual exhibition of the department was organized on 20th January 2022. The theme of the exhibition was 'Literary Adaptations'. Ms.Dipali Lodh, Ms. Pallavi Math, Ms. Sukanya Garg and Mr. Saad Ahmed were the coordinators for the exhibition. Ms. Roma Abhyankar and Ms. Anushka Vaze worked as judges for the exhibition.

4) A Poetry Reading Competition was organized on 10th January 2023.

   Mr. Saad Ahmed Shaikh and Ms. Sukanya Garg worked as coordinators. Ms. Ankita Singh from Symbiosis, Liberal Arts College was invited to judge the event.

**Personal Achievements of the members of Department of English**

**Alka Kamble :**

1) Coordinated **a** Per Meditatus course Modern Law College, GaneshKhind Pune from
2) Coordinated a training course in Center For Materials Electronics Technology ( C-MET) , Panchawati , Pune. A Training Programme in Communication Skills was conducted for Ph.D. Students enrolled in the institute. Ms. Puja Awachat was the trainer for the duration of 15 March to 17 April 2023. The Department of English prepared the syllabus for this training course.

**Dipali Lodh:**

1) Invited as a guest lecturer to conduct sessions for MA I (English) students on Harold Pinter's 'The Birthday Party' on 28th and 29th May 2022.
2) Invited as a judge for the Essay Writing Competition organised by the Department of Commerce, Modern College of Arts, Science and Commerce, Pune 5 jointly with The Cosmos Cooperative Bank Pvt. Ltd. on 1st February 2023.

**Pallavi Math:**

1) Conducted a Training Programme in Communication Skills, for Ph.D. Students enrolled at the Center For Materials Electronics Technology (C-MET), Panchawati , Pune,
2) Invited as a guest lecturer on Communication Skills and Resume Writing in Siddhivinayak College of Arts and Commerce, Pune

**Nilam Ingole :**

1) Appointed as a Subject Expert for Paper setting at the April 2023 SPPU Examination at Indira College of Commerce and Science, Pune.
2) Invited as a Judge for the Elocution Competition, Poster, Politoons and Model making competition in the Annual fest Ekatvam- roots of Democracy by Department of Political Science, Modern College of Arts, Science and Commerce, Pune.

**Alphy Jubit:**

1) Invited as an external examiner for the Semester V SPPU examination of SY BBA (IB) students for the subject – French on 25th January 2023 at Christ College, Wadgaon Sheri, Pune.

**Sukanya Garg:**

1) Published a research paper titled 'The Politics of Representation' in the peer-reviewed e-journal 'The Criterion' on February 28, 2023.
2) Taught the Per Meditatus course at Modern Law College as a visiting faculty in March 2023.

**Saad Ahmed Shaikh:**

1) Conducted a poetry session for students at Anjuman-i-Islam Girls' Orphanage, Bund Garden on 20th November 2022.
2) Performed in Pune International Literary Festival 2022 as part of Spoken Word Poetry programme on 2nd and 3rd December 2022.
3) Organised a Poetry Reading session for noted poet Vishal Bagh as part of the Reading Tour for his first anthology of poems on 11th December 2022.
4) Invited as a judge for Verse-a-Tile poetry competition organised by College of Engineering, Pune, as part of their Impressions 2022 fest on 22nd December 2022.
5) Invited as a guest poet for the Poets' Meet organised during the Symphoria fest at Symbiosis College of Arts and Commerce, SB Road, on 24th February 2023.
6) Invited as a judge for Slam poetry competition organised by Verseitcouldbe Literary Club, Symbiosis School of Liberal Arts, Viman Nagar, Pune, as part of their first intercollegiate event on 30th April 2023.

**- Ms. Alka Kamble**

# Department of Geography

**PART A**

**DIQAC Composition and Activities 2022-23 (Geography)**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Vilas B. Kamble | HoD and Chairperson of DIQAC | 9850914091 | hodgeography@moderncollegepune.edu.in |
| 2 | Prof. Navnath L. Wayal | Member 1 | 9922376994 | wayalgeography@ moderncollegepune.edu.in |
| 3 | Dr. Amit E. Sonawane | Member2 | 9881929999 | sonawanegeography@ moderncollegepune.edu.in |
| 4 | Prof. Priyanka Kumari | Member3 | 8550990142 | kumarigeography@ moderncollegepune.edu.in |
| 5 | Prof. Aniket Adsul | Member4 | 9762778491 | adsulgeography@ moderncollegepune.edu.in |
| 6 | Prof. Sanjay Tarange | Member5 | 9850287633 | tarangegeography@ moderncollegepune.edu.in |
| 7 | Prof. Akshata Alhat | Member6 | 8698599019 | akshaaalhat@gmail.com |
| 8 | Prof. Shikha Yadav | Member7 | 9260941822 | shikhachandra20@gmail.com |

2.11 No. of meetings with various stakeholders: No. Faculty Non-Teaching Staff Students [15] Alumni [1] Others [6]

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [-] International [-] National [-] State [-] Institution Level [-]

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year–

| Sr. No. | Activities |
|---|---|
| 1 | Lecture series |
| 2 | Vasundhara Fest |
| 3 | Instrumental exhibition |
| 4 | Field visits |

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes: Nil

1.1.2 Number of Programmes where syllabus revision was carried out during the year - YES

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - Nil

1.2.1 - Number of new courses introduced across all programmes offered during the year -Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System:-

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **SYBA – Field Report** | **42** |
| **TYBA- Survey/Field Report** | **48** |
| **MA- Field Project/ Internship** | **18** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| **8** | **8** | **Yes** | **3** | **-** | **Yes** |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| **3** | **1** | **2** | - | - |

2.2 No. of permanent faculty with Ph.D.: **2**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 1 | 1 | 2 | nil | nil | nil | nil | nil | 3 | 1 |

2.4 No. of Guest and Visiting faculty and Temporary faculty — 00 | 00 | 5

*Pl. Provide the list of visiting faculty as annexure*

| **2.4.2 Honours and recognitions received by teachers** *(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )* | | | |
|---|---|---|---|
| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
| *2021-22* | *Dr. Amit Sonawane* | *Associate Professor* | *Young Geographer Award By Maharashtra Bhugolshastra Parishad* |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended | 00 | 2 | 00 |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning: E-content developed

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students 90%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

1. Preparation of teaching notes and checked by HOD.
2. Demo of departmental instruments frequently before conduction of regular practical's.
3. To refresh current technical knowledge experts are invited.

2.13 Initiatives undertaken towards faculty development by the deartment: Nil

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 3 | 01 | - | - |
| Technical Staff | - | - | - | - |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year | Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining | Whether recognised as a research guide for PhD ? | Year of recognition as a Research Guide | Is the teacher still serving the institution ?/If not, when did he/she leave the institution ? | Name of the scholar | Month and Year of registration of the scholar | PhD Scholar's Title of the Thesis |
|---|---|---|---|---|---|---|---|
| **Dr. Amit E. Sonawane** | Ph.D. | Yes | | | | | |

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | 2 | |

*Please provide the information in following format as annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Dr. Vilas B. Kamble | Spatio-Temporal change in agricultural pattern in Pune District | In the Scholarly research Journal in the Humanities and Social Science 0975-6795 (Online) 2321-5828 (Print) | | 5.6 |
| 2 | Dr. Vilas B. Kamble | Kolhapur: Religious and Economic Study. | In the Scholarly research Journal in the Humanities and Social Science 0975-6795 (Online) 2321-5828 (Print) | | 5.6 |

*Please provide scan copies of the papers published as annexure*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | |
|---|---|---|---|
| | Department | No. of Publication | Average Impact Factor, if any |
| National | Geography | 2 | **5.6** |
| International | | | |

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given belowas annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1 | ISRO | National | GIS Course |
| 2 | Terra informatics services | Local | Drone survey |

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

| Total | International | National | State | University |
|---|---|---|---|---|
| 1 | | | 1 | |
| Sr. No. | Name of the Staff Member | Name of the Award | Given by | International/ National/ State/ University/ Other |
| 1 | Dr. Amit Sonawane | Young Geographer | Maharashtra Bhugolshastra Parishad | State level |

*Please provide the scan copies of the certificatesas annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1 | Dr. Amit Sonawane | SPPU | Jadhav Gokul | 2021 |
| 2 | Dr. Amit Sonawane | SPPU | Jadhav Keshav | 2021 |
| 3 | Dr. Amit Sonawane | SPPU | SanketJanrao | 2021 |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | 2 | | |
| **3.5 Collaborations** | | | | |
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | | |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | | |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year | | | | |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 13 | 1 | Yes | - | - | - | | | |
| Added | - | | | | | | | | |
| Total | 13 | 1 | | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services:

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 652 | 18 | - | - |

(b) No. of students outside the state | 15 |

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, categoryas annexure*

| No | % |
|---|---|
| | |

Men

| No | % |
|---|---|
| | |

Women

5.2.1 - Number of outgoing students who got placement during the year: Nil

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

5. Soft Skills
6. Language and Communication Skills
7. Life Skills (Yoga, Physical fitness, Health and Hygiene)
8. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

| **Name of the Activity conducted by the HEI to offer guidance/coaching for competitive examinations during the year** | | **Name of the Activity conducted by the HEI to offer guidance / coaching for career counselling during the year** | | **Number of students placed through campus placement** | **Link to the relevant document(s)** |
|---|---|---|---|---|---|
| **Name of the Activity** | **Number of students who attended / participated** | **Details of career counselling** | **Number of students who attended / participated** | | |
| **Competitive Examination Guidance Center** | **327** | **Lectures on UPSC, MPSC and other examinations** | **327** | **-** | - |

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | Vasundhra fest | Exhibition/Presentation | Institution | |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

6.3.2 Teaching and Learning

6.3.3 Examination and Evaluation

6.3.4 Research and Development

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

1. Meeting/gate together organized by the department.

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department

- Preparation of models and charts
- Best Geographical photograph competition
- Some topics are distributed among the students for teaching practices.
- Rock museum through collections from the students
- Field Visits
- Lecture Series
- Celebration of Geography Day on 14th Jan. every year.
- Preparation of education charts by students.
- Remedial coaching.
- *Vasundhara Manch.*

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

| | |
|---|---|
| **Strength** | 1. Quick adoption of recent techniques.<br>2. Experienced and diverse faculty members. |
| **Weaknesses** | Less number of permanent faculties in the department. |
| **Opportunities** | Diverse career opportunities in academics, research and corporate fields. |
| **Challenges** | 1. To improve student's interest in recent digital technology, research and field observations.<br>2. Student placements. |

8.**Plans of Department for next year**

- Certificate course in Tourism
- Certificate course in GIS

Temporary faculty:

| Sr. No. | Name of the Staff Member |
|---|---|
| 1 | Prof. Priyanka Kumari |
| 2 | Prof. Aniket Adsul |
| 3 | Prof. Sanjay Tarange |
| 4 | Prof. Akshata Alhat |
| 5 | Prof. Shikha Yadav |

- **Field Visit/ Study Tour: -**

1. F.Y. B.A. division A and B to Kihim-Alibaug:- One day field visit to Kihim Alibaug was arranged on 6th January 2023 for 37 students of F.Y. B.A. Four faculty members and one non teaching staff accompanied the field visit namely Dr. Vilas Kamble (H.O.D), Prof. Wayal. Navnath, Prof. Shikha Yadav, Prof. Sharayu H. Patil and Mr. Ganesh Suryawanshi.
2. S.Y. ,T.Y. B.A. and M.A./M.Sc. to Kerala-Kanyakumari:- Ten days study tour to Kerala-Kanyakumari was arranged from 2nd February 2023 to 11th February 2023 for 50 students. Four faculty members accompanied the study tour namely Dr. Vilas Kamble (H.O.D), Prof. N.L. Wayal , Prof Amit Sonawane, and Prof. Shikha Yadav.
3. S.Y. B.A./B.Sc., T.Y. B.A. and M.A./M.Sc to Sangamner-Malwadi Bhor:- One day village survey/field visit to Sangamner-Malwadi Bhor has been arranged on 28th February 2023 for 62 students of U.G and P.G. Three faculty members accompanied the field visit namely Prof. Sanjay Tarange, Prof. Priyanka Kumari, and Prof. Aniket Adsul.

**Academic and Administrative Audit 2021-2022**

Academic and Administrative Audit 2021-2022 of the geography department was successfully held on 30th January 2023 under the chairmanship of Dr. Sudhakar Pardeshi, Head, Department of Geography SPPU. The meeting was attended by the teaching as well as non teaching members of the department.

**Research Center**

The department seeks to facilitate the development of new research initiatives through the opening of a Research Centre that will offer several programs to support and guide research students. For the same the department has applied to the SPPU administration for the approval of the research center**.** The following members of the SPPU Research committee visited the department on 2nd March 2023.

1. Prof. Dr Jaybhaye Ravindra Gahininath (Chairman) Department of Geography SPPU
2. Prof. Dr. Ugale Vilas Pandurang ( Madhyavarti Hindu Sainik Shikshan Mandal Bhonsala Military College, Nashik)

3. Prof. Dr. Patil Rakesh Vasantrao (Mahatma Gandhi Vidyamandir's Loknete Vyankatrao Hiray College, Nashik)
4. Prof. Nikam Chandrashekhar Madhavrao (Mahatma Gandhi Vidyamandir M.S.G. College Nashik)

The respected committee members inspected the departmental infrastructure and other facilities like digital classrooms, computer labs, geographical instruments, toposheets, etc.

**Alumni Meet**

The department organized the "Alumni Meet" of Arts faculty students of academic year 2009-2010, 2010-2011 and 2011-2012, on 4th March 2023 in the Assembly Hall. The ceremony was inaugurated at the hands of honorable Principal Dr. R. S. Zunjarrao, Vice Principal (Arts Faculty), Dr. Amruta Oke and Dr. Vilas Kamble. HOD (Geography)**.** Around 80 to 100 alumni and faculty members were present in the ceremony.

**Geo fest (Vasundhara Fest 2023)**

**Introduction :** Vasundhara Fest is a Departmental level fest organized annually by the Department of Geography, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune, which is well appreciated in the Academic Circles and well attended by UG and PG students. The Students of the Dept. of Geography (Undergraduate and Post-Graduate) belonging to the Arts and Science faculty volunteer to work together for the said festival. 125 students participated in organization and various competitions. In fact it is one unique festival which is completely organized by the students with Teachers as guiding hands only. In the academic year 2022-23, Vasundhara Fest was organized on the occasion of Geography day on 19th and 20th January 2023. The detailed programme included: 1) Guest lectures by Expert Resource Persons. 2) Departmental Competitions viz. Poster, Models, Rangoli and Geographical photography Competitions. INAUGURAL FUNCTION **Chief Guest: Mr. Umesh Zirpe, Director, Giripremi Institute of Mountaineering, Pune. Guest of Honour:** ***Dr. R.S. Zunjarrao, Principal*****,** Modern College of Arts, Science and Commerce (Autonomous),Shivajinagar, Pune-05. ***Dr. Vilas Kamble***, Head, Department of Geography, Modern College of Arts, Science and Commerce,Shivajinagar, Pune The Vasundhara Fest 2023 started with the inaugural function on Thursday, 19th January 2023 by the hands of Mr. Umesh Zirpe, Director, Giripremi Institute of Mountaineering, Pune and in august presence of ***Dr. R.S. Zunjarrao, Principal*****,** Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5. The function started with cutting the ribbon and Saraswati Pujan. The inaugural function were also accompanied by ***Dr. Vilas Kamble***, Head, Department of Geography, Prof. N.L. Wayal, Prof. A.E. Sonawane, Prof. Sanjay Tarange, Prof. Aniket Adsul, Prof. Akshata Alhat and Prof. Shikha Yadav of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5. The programme was introduced by ***Dr. Vilas*** **Kamble**, In-Charge of Vasundhara Fest 2023.

**GUEST LECTURE**

**Expert Guest: Mr. Umesh Zirpe, Director, Giripremi Institute of Mountaineering, Pune.**

The expert guest lecture of the Vasundhara Fest 2023 was delivered by Mr. Umesh Zirpe**,** on "Mountaineering". Mr. Umesh Zirpe gave a brief introduction of the Mount Everest expedition and sample collection from the glacial environment. He also briefed the students about the challenges faced by professional mountaineers at high elevation. He emphasized the students to inculcate the hobby of trekking in order to be physically fit. The lecture ended with open discussion with students.

- **Poster, Photography, Models, Rangoli, PPT and Quiz Competition**

Geographical Posters Competition Judge:

Dr. Bharat Kalbhage, Head, Department of Zoology, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.

Geographical Photograph Competition Judge:

Dr. Rajkumar Barmukh, Department of Botany, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.

Geographical Rangoli Competition Judges:

Dr. Neeta Patil, Head, Department of Botany, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.

Dr. Vijaya Jagtap**,** Department of Psychology, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.

Geographical Models Competition Judge:

Dr. Lalit Thakre, Department of Geography, S.P. College, Pune-30.

Geographical Powerpoint Presentation Competition Judge:

Dr. Nitin Mundhe**,** Department of Geography, S.P. College, Pune-30.

The inauguration of Vasundhara Fest 2023 took place on 19th January 2023 at 10.30 am which was followed by a Guest Lecture from 10.30 am to 11.30 am. The Geographical Models, Posters, Photographs and Rangoli Competition was held on the same day from 11.30 am to 1.00 pm.

On the second day of the Fest, i.e., 20th January 2023, Geographical PPT Competition was held from 11.30 am to 1.30 pm. The PPT Competition was followed by a Quiz Competition held between 2.00 pm and 3.00 pm. The Geographical Instrument Exhibition was held simultaneously on both the days of the fest.

**Poster Competition**

The theme for the poster competition was 'Geography and Sustainability'. Total 37 posters came for the competition. More than 50 students from UG and PG participated in this competition. The students explained their posters well to the guests. The 1st prize was won by Suresh Tele of S.Y.B.Sc. The 2nd prize was won by Anadee Pathak of S.Y.B.A. and 3rd prize was won By Akash Pawar, Savthak Dashputre and Abhishek Kumar of F.Y.B.Sc.

**Photography Competition**

In the Geographical Photography competition 14 entries came from UG students. The students explained their posters well to the guests. Total four prizes were given. 1st prize was won by Kaidi (T.Y.B.A.). The 2nd prize was won by Abhishek Kumar of F.Y. B.A. The 3rd prize was won by Sai Nimbalkar of FYBA.

**Model Competition**

The Geographical Model competition has more than 70 entries from UG and PG students. The students explained their models well to the guests. Separate prizes for working and non-working models were given. 1st prize for non-working model won by two different students groups ( Gourav Mohannath, Sanaullaha Ansari, Swapnali Patil, Akansha Yadav, Sushila, Tejas Sanap) and ( Kadam Sudarshan, Umesh Tanputre, Sakshi Patil, Avantika Patil, Sukhada Damle) of S.Y.B.A, The 2nd prize won by (Astha Das, Yash Throat, Priyanka Kumari, Sakshi Saha, Vaishnavi Sonwane) of S.Y.B.A. and (Sharwari Nanavare, Radhika Sapar, Sreeja Aggurwar, Gayatri Mankar) of S. Y.B.Sc . The 3rd prize was won by (Abhishek Prasad, Ahilya Kachre, Mahesh Vitkar, Toyaf Majumdar) of F.Y.B.A and (Shubham Swami, Davivashla, Pratiksha, Anagha, Shivkanya).

**PPT Competition**

Geographical PPT competition has more than 17 entries from UG and PG students. The students presented their topic well to the guests. The 1st prize was won by Ada Sharma of T.Y. B.A. The 2nd prize was won by Astha Das of SYBA and 3rd prize won by Vedant Singham of S.Y. B.A.

**Rangoli Competition**

The Geographical Rangoli competition has 21 entries from UG and PG students. The students explained their Rangoli well to the guests. 1st prize was won by Priyanka Ghodake and Kalyani Deshpande of T.Y.B.A. The 2nd prize was won by Chaitali Deore, Mayuri B, Sakshi Singh of T.Y.B.A. and 3rd prize won by Sharvari Naranware, Gayatri Mankar and Radhika Sapar of S.Y. B.Sc.

**Quiz Competition**

Geographical Model competition has more than 48 entries from UG and PG students. The students enthusiastically took part in the quiz1st prize was won by TAPI TEAM ( Om Chaure, Shivraj Sorte, Tejas Dargad, Alaknanda Bole, Chaitali Deore) The 2nd prize was won by NARMADA TEAM ( Altaf Inamdar, Rohit Gadhave, Umesh Tanpure, Kalpesh Ganorkar, Pankaja Patil Avantika Nalawade ) and 3rd prize won by GODAVARI TEAM of ( Jayashree Jadhav, Jashmin Jadhav, Gourav Mohannath, Yash Throat, Vikrant Bhamare, B.Sonawane)

**Prize Distribution and Valedictory Function**

**Chief Guest: Dr. Sanjay Patil**, Head, Department of Geography, Modern College of Arts, Science and Commerce (Autonomous), Ganeshkhind, Pune.

**Dr. Vilas Kamble**, Head, Department of Geography, Modern College of Arts, Science and Commerce, Shivajinagar, Pune.

Finally the Valedictory function was hosted by Prof. A.E. Sonawane. Dr. Vilas Kamble felicitated the guests of the valedictory function. The prize distribution ceremony was also held during this function. Prof. A.E. Sonawane (Faculty) announced the names of the prize winners. The prize winners of the Poster, Photography, PPT, Models, Quiz and Rangoli Competition were awarded with a certificate, a medal and memento by the chief guests. The 'Vote of Thanks' of the Valedictory function was delivered by Prof. Shikha Yadav.

**Achievements of non- teaching staff**

- Mr Dattatray Maruti Raut of was awarded the Best Non Teaching Employee 2023 by Savitribai Phule Pune University
- Mr. Ganesh Suryawanshi of the Geography department has been promoted as Lab attendant.

**Student's achievements**

- The department has provided diverse range of dynamic internships opportunities for both undergraduate and graduate students to explore and learn from various institute like Indian meteorological department (IMD), Tourist Agency Camp, Pune- 1, Rajiv Gandhi zoological center, Katraj, Indian Water Academy (IWA), RTO, Pune etc
- Siddhi Santosh Jadhav , students of TYBA (geography special) has participated in – "West zone university 2023 matches "and won first prize and. She has also participated in "Khelo India matches 2023 & all India University matches, Jalandhar in which she secured 4th position in India.
- Malhar Thombare, students of SYBA participated in -Volleyball Zonal Tournament- 1st position , Krida Mahotsav Ashamedh Tournament – 3rd position, Talegaon

  Tournament -1st position, Senior state Nipani tournament- 1st position, and Karnataka Tournament- 1st position.
- Freshers party (15th November 2022) and Farewell party (18th march 2023) were organized by the students of the Geography department.

**- Dr. Vilas Kamble**

Head, Dept. of Geography

# Department of German

We are at the end of yet another academic year, the one of 2022-23. This was the first year in offline mode after having gone through a two-year long online teaching phase during the pandemic, and hence initially it was exciting but also a bit challenging for us teachers, as well as for our students. But gradually we got into action mode and engaged ourselves enthusiastically in various academic as well as co-curricular activities. These are the different events and activities organized by our department throughout this year.

**DEPARTMENTAL ACTIVITIES**

- **August 2022: Info Session on the topic 'Cold War and the concepts of Capitalism, Socialism and Communism'**

The Department of German, under the initiative of the departmental head – Prof. Sneha Mahajan - joined hands with the Department of Political Science in organizing an interdisciplinary Info-Session on the topic: 'Cold War and the concepts of Capitalism, Socialism and Communism' on Saturday, 6th August 2022.

The Session was primarily organized for students of German Special, who study these topics as a part of their syllabus in the second year of their Bachelor Studies under the course entitled 'History of Germany post World War II.' However, the session got an overwhelming response from students studying German as a General Subject, as also students of Political Science and others.

Prof. Sultan Inamdar and Prof. Kalpesh Patkar from the Department of Political Science presented a stimulating and informative lecture emphasizing on the geopolitical as also the geoeconomic aspects of the said concepts.

**August 2022: German Meet**

On Friday, 26th August 2022 an informal meet-up event was organized by the German language department. It was an informal gathering of all the students of senior college, who have opted German as a subject. The entire staff of the German department was present for this event. The meet-up was organized at the assembly hall between 11.00 a.m. and 1.00 p.m. A total of about 70 students attended this gathering from the classes F.Y.B.A., S.Y.B.A., T.Y.B.A. and F.Y.Bcom. The meet-up was mainly planned and organized by the T.Y.B.A. German Special students under the guidance of the Head of the German Department, Prof. Sneha Mahajan. This enthusiastic team of students designed the e-invitation card and the students of all the intended classes were cordially invited for the event. Though the event started on a bit of a formal note, it ended with fun and frolic. The T.Y. Special students shared interesting information about one of the German speaking countries, Switzerland, with the help of a very informative yet colorful PPT. The students were briefly introduced to the culture, weather, sports, food, festivals and other specialties of this country. They also discussed the official languages spoken in Switzerland. Then the HOD, Prof. Sneha Mahajan had a brief informal talk with the students. She congratulated the students for choosing this foreign language as a subject, and assured them that this choice will turn out to be beneficial for the students in the long run. The students then played together a few games, where they could use the language a bit, and could have great fun. These games helped bring the students of different years and streams closer to each other, and thus served the main purpose of this meet-up. The honorable guest of the event, our beloved Principal Dr. R. S. Zunjarrao attended the function for some time, and witnessed these wonderful games. He also addressed the students and extended his valuable guidance. After that, two students from T.Y.B.A. special shared their experiences on this joy-ride of learning German as a foreign language with the rest of the students. These first hand experiences must have motivated many of the younger students to choose and continue learning this amazing language, which in turn will surely open various doors of opportunities for them in the coming future. The students enjoyed the chit-chat with their batch mates, seniors and teacher along with some mouthwatering snacks. The memories of this wonderful event were captured in many photos.

- **September 2022: Library Tour**

As one of the semi-academic activities, the German Language Department in collaboration with the library, organized a library tour for the students, who have opted German as an optional

subject. The tour duration was one hour, i.e. to fit in the regular lecture time. In the month of September 2022, the students were taken to the college library. The students were accompanied by their German teacher, Mrs. Pallavi Pathak. The entire tour was conducted under the guidance of our very well-informed librarian, Dr. Shantashree Sengupta. Initially the students were informed about the e-info system installed at the main entrance. Now the students know how to search the books of their interests using the computerized system, if the books are readily available or are already issued to somebody, in case the books are issued, when can the students expect them back, etc. Then the students were informed about all the important systems at the library. It was demonstrated how to use their I-cards for issuing books, or that they need to sign-in and sign-out electronically as they enter and leave the library. Students also got to know how many books they can issue at a time, how long they can keep the books with them and how they can reissue a certain book. Sengupta madam also explained to the students how the books are categorized and how to read the serial numbers on the books in a certain category. The students now are aware of the fact that the new arrivals are displayed at the entrance, and they are not available for the students for the first week of arrival. They are now well aware that the books which are very costly cannot be issued, but students can read them in the specified reading hall. The overall session was quite informative and helpful for the students. They were also introduced to the other staff members of the library. The response of the students was overall very enthusiastic and overwhelming. Quite a few students borrowed some books of their interest, for e.g. grammar books, poetry books and novels, books on personality development etc. A few students also engaged themselves in reading in the same visit.

- **January 2023: Guest lecture by Margarita Kasper**

A Guest lecture is always a very refreshing and enriching experience for students. Moreover it is also a fun and exciting event, especially when the guest hails from a foreign country. German language students get such opportunities very often at our department. With each language opens a door into a new culture. Knowing new cultures, traditions, festivals of a foreign country is not only interesting and exciting, but it also helps the students to better understand their own culture and traditions. During such guest lectures the students also get acquainted with a few typical words in the colloquial language, which they otherwise do not find in their textbooks. This increases the fun element of the lecture.

The German language department welcomed its students into the New Year 2023 with one such wonderful guest lecture. This lecture was conducted by Ms. Margarita Kasper, an Austrian citizen, who was doing a teaching internship at the German Section, Department of Foreign Languages, Savitribai Phule Pune University. She is an expert of teaching German as a foreign language. Along with that she has also specialized in German Linguistics, Social and cultural Anthropology and Spanish language. Formerly she has worked as the branch manager of a Language and Culture Institute in Mexico, and is presently working on the project of Austrian Dictionary. Ms. Kasper conducted the lecture on the topic: “Christmas celebrations in Austria”. The lecture was conducted on Wednesday, 4th January. It was a wonderful lecture and a lot of information regarding the Christmas celebrations was provided with the help of many colorful pictures, real life photographs, informative VDOs and interactive quizzes. We got a very enthusiastic response and participation from our students. The students got a very interesting and thorough information about the story of Christ-birth, Advent Calendar, families getting together on the festive occasion, specialty food and festive menu, Santa Claus and St. Nikolas and many more related things.

Our T.Y.B.A. Special students volunteered for the event. They organized everything from mic, projector, screen and a small refreshment for our guest. The Head of the German Department, Prof. Sneha Mahajan welcomed and introduced Ms. Kasper. Prof. Pallavi Pathak extended the vote of thanks. The students enjoyed clicking a lot of photos and selfies with Ms. Kasper.

- **January 2023: German Fest Competitions**

The Department of German organized the German Festival "Deutsch-Fest" in the second week of January for its senior as well as junior college students. As part of this fest a couple of competitions were organized. A brief information about these competitions is as follows:

1. **Kochtag (Cooking competition):-** On Monday, 9th January we celebrated Kochtag. Around 18 groups of students participated in this competition. Each group consisted of on average 3 students. The students were expected to make some German, Swiss or Austrian dish. They were allowed to prepare something from the breakfast menu, meal at lunchtime or snacks with or without meat and eggs. The students prepared a wide range of menu, right from cakes and coffee to full meals to desserts. The dishes were judged on the basis of presentation, authenticity of the taste and description of the recipe to the judges in German. We had two young guests to judge this competition: Ms. Margarita Kasper from Austria and Mr. Benedikt Lempert from Germany. Both of them are presently doing Teaching Internships in Pune, Ms. Kasper at the German Section, DoFL, SPPU and Mr. Lempert at Loyola Junior College. The students, teachers and judges thoroughly enjoyed the entire event.
2. **Kreatives Schreiben (Creative Writing):-** This competition took place on Wednesday, 11th January. The students from 11th standard and F.Y. being at the beginners' level, were provided with blank comic strips. They had to come up with funny dialogue suitable for the picture. For S.Y. and T.Y. students it was a 'Bildergeschichte', a story told through pictures. They were provided with a small series of cartoons and to the sequence of these pictures, they had to write their own short story. Both these write-ups were obviously expected in German. The fun element, imagination, correctness and level of language were the basis for judging the comics. Ms. Geetanjali Kanade from S.P. College judged this competition. This competition gave the students the chance to combine their creativity, wit and language skills together.
3. **Gedicht Vorlesen (Poetry Competition):-** On Thursday, 12th January the Poetry Recitation competition was organized. The students from F.Y., S.Y. & T.Y. participated enthusiastically. A few of them presented self-composed poems and a few presented poems by well-known German authors or poets. The performances were judged based on different criteria, such as confidence, pace and clarity of voice, pronunciation and intonation of words and overall style of delivery. We had two eminent guests to judge this competition: Dr. Savita Kelkar and Ms. Christina Rath. Dr. Savita Kelkar has many achievements. She is Prabandhak at DES and West zone coordinator of InDaf. She is felicitated with the state level 'Best Teacher Award' and has been very recently awarded by the 'Order of Merit', the highest award given by the German government to any citizen. Ms. Christina Rath is appointed at DoFL, SPPU as DAAD Lecturer from August 2021. Before coming to Pune she was associated with the University of Cologne, Germany and University of Adelaide, Australia.
4. **Memewettbewerb (Meme Competition): -** Apart from the above competitions, an online meme completion was also organized. The students needed to make memes on topics like Corona, Inflation, Politics etc. A few students came up with some really creative and funny stuff.
5. **Gesangswettbewerb (Singing Competition) :-** This competition was specially held for the junior college students and we got a very enthusiastic response to it. A few students performed solo and a few in small groups. A few of them also accompanied their singing with some musical instrument. It was amazing to see such refreshing young performers perform so confidently, that too in a foreign language so new to them.
6. **Posterwettbewerb (Poster making Competition):-** The junior college students made posters in different cities in Germany, Switzerland and Austria. They researched and gathered information, photos and articles about various cities. The information about specialities, food, festivals and traditions was arranged in very creative and innovative ways. This competition also proved to be very informative to the other students.

We experienced an overall enthusiastic participation from all the students. Many, who did not participate, volunteered pro-actively. Such competitions bring out the creative side

and managerial skills of the students, develop team spirit and give students to use their language skills confidently in presence of the native speakers.

- **March 2023: Deutsch-Fest (German Day)**

  On 2nd March 2023 we celebrated 'German Day' at the Assembly Hall. It was a small get-together of all the students from senior and junior college, who have opted German as a subject along with our BBA students and all the German language teachers at Modern College. On this day we also organized the Prize Distribution Ceremony for the various competitions and events conducted at the department throughout the academic year. The event was graced by the kind presence of our honorable Principal Dr. R.S. Zunjarrao Sir as the chief guest. The winners of the competitions were awarded with prizes and certificates. All the participants and volunteers were also felicitated by certificates of participation and appreciation respectively. Many students decorated the event with their awesome performances. The event ended on a sweet note with a small refreshment for all. Prof. Vrushali Bapat from Modern College of BBA presented her award-winning short film about learning German as a foreign language. Prof. Bapat was one of the winners of scholarships given by Goethe Institute for German Language teachers, and as part of this scholarship she got a chance to go to Vienna for a week, where she had presented this film before.

- **Internships**

This year we had 5 students in the T.Y.B.A. Germanistik, i.e. they had opted German as their subject of specialization for the bachelors. As a part of this course, the students are required to do internships in both the semesters. The purpose of the internship is to get insight into the professional world and to be able to practically use the acquired language skills and knowledge. As the internship in the fifth semester, all of these five students attended and observed the German language certificate course conducted at the German section, DoFL, SPPU for a week. During this week they observed these lectures thoroughly, observed the different teaching methodologies used by the teachers. They also submitted detailed reports about their observations and a few suggestions based on their findings. This introduced them to a variety of teaching techniques, which they can use practically in their professional life, if they choose teaching German language as their profession.

In the sixth semester all our five students chose 1 month long internships, wherein they could practically use their German language skills. A short summary of all these internships is as follows.

Niharika Malpekar, Shravani Tayde and Sanika Oke worked with a newly formed Start-Up 'EuroIn Networks', which helps and guides the Indian students and working professionals, when they want to go to Germany for higher education. Sanika, Shravani and Niharika contributed right from suggesting this innovative name for this organization. The start-up was also in the process of building its website. So data collection and its sorting was the major responsibility of our students. They gathered detailed information about all the private universities in India and in Germany. They analyzed which universities can work together as partner-schools, so that students' exchange becomes easier in the future.

Nareindra Walia Singh did a 3 months long internship with the 'Legacy Translation Memories'. He worked with them 6 days a week, 4 hours each day. He worked in 3 language-pairs, German-English, German-Marathi and German-Hindi. His major responsibility was to proof-read the translated documents and to check them with the original source document. He used MS Word, Excel and Powerpoint. Alongside he also got to learn and use the translation tools like Wordfast and CAT Tool. He gained hands-on experience of working on live translation projects. This experience will help him immensely in his professional life.

Suyog Khade did a one month long internship with 'Edunova School of Languages, Pune'. He majorly focused on two aspects: Teaching German language and translation. As a part of the internship he thoroughly observed the lectures for A1 and A2 levels. He could learn different teaching methodologies and use of media while teaching a foreign language. He also got a chance to conduct one lecture for beginner-level students and taught a grammar topic in a very interactive way. For that he received many wonderful feedbacks, which would further motivate him to take up teaching as a profession. Apart from this, he also got to learn many other practical and financial aspects of running an independent private educational institute.

All our students have done really wonderful in their internships and have gathered a handsome experience. This will surely help them to be good professionals.

- **September 2022 - April 2023:Level 1 course**

  The German department offered a Level 1 German language course from September 2022 to April 2023. This was an offline add-on course for beginners. The course content is designed in such a way, so that the students get to learn and practice the language in all four ways: Reading, Writing, Listening and Speaking. The themes chosen come from day-to–day life, such as Food, Hobbies, Friends, Travelling etc. The students find these themes relatable and can practically use the vocabulary. The exam is conducted as per the exam pattern defined by the Goethe Institut, which is followed world-wide. This course is offered ideally for the students, who otherwise do not have German as a subject. Three of our S.Y.B.Com. students successfully completed the course with good grades. This year the course was conducted by Prof. Pallavi Pathak.

**ACTIVITIES AND ACHIEVEMENTS OF THE FACULTY**

During this academic year the teachers of the German department attended a couple of seminars and training programs conducted by various educational institutions.

- **August 2022: 'Introduction to Dialogue Interpretation (Ger < - > Eng)'**

  Prof. Sneha Mahajan successfully completed the online course 'Introduction to Dialogue Interpretation (Ger < - > Eng)' conducted by a Swiss Interpreter and Teacher, Ms. Barbaba Brändli. The course focussed on the basics of Interpretation with a little bit of theory and a lot of practical application. Ms. Brändli gave in quite a few insightful tips and pointers regarding right and correct interpretation.

- **January 2023: Seminar 'Teachers for Future'**

This was a day-long seminar conducted at the Fergusson College, Pune. As the name suggests, it was planned keeping in mind the current as well as the would-be teachers of German language. Our entire staff of German department and a wholesome number of students from the senior college attended this seminar. There were teachers present from almost all the educational institutions all over Pune, where German language is offered. The seminar consisted of many activities like presentations on the on-going trends in teaching methodologies, use of technology in teaching, how learning the German language can be integrated with creating employment etc. There was a very insightful panel discussion on the topic 'Challenges faced while teaching German as a foreign language and techniques to overcome them'. Teachers from all levels of learning, i.e. Primary school, Secondary school, Higher Secondary school and Junior College, Senior College and even Masters were part of the panel, representing their respective sections. Head, German Department, Prof. Sneha Mahajan was also one of the panelists, representing the senior college. She contributed quite an insightful information about the theme. Prof. Mahajan also won the Prize for the competition held for teachers, where the teachers were expected to write on the topic 'My best moment in the classroom'.

There was also a competition for the students, where they needed to write about their experience with learning German as a foreign language. Quite a few students from our senior college participated in this competition and our TYBA Special student Suyog Khade was one of the winners. He also presented his write-up in the seminar. It was really an enriching experience for our teachers as well as students.

- **January 2023: InDaF seminar**

A three day national level conference of German teachers from across the West Region was organized by InDaF, Goethe Institut, Pune, PASCH, Pune and Goethe Institut, Mumbai from January 27th to 29th at the Goethe Institut, Max Mueller Bhavan, Pune. InDaF – Indo German Association of German Teachers from all over India and has been actively working since 23 years from its central office in New Delhi.

The conference started on the evening of 27th January 2023 with a virtual opening and welcome. The following two days consisted of various workshops, panel discussions and cultural exchange programs, filled with lots of learning, exchange of ideas and fun, of course. The topic for this year's conference was 'Activity-oriented Teaching' with a pedagogical and didactic focal point. All the workshops were conducted by teachers of German from various parts of Western

India and provided more insights and ideas of teaching and learning German as a Foreign Language (DaF-Unterricht).

Prof. Sneha Mahajan, Head, Department of German, MSASC (Autonomous), Shivajinagar, Pune – 05 actively participated in the conference. Her abstract for the workshop was selected and she got an opportunity to conduct a 90 minutes workshop on the topic 'Implementing and incorporating theater pedagogy in German teaching'. The workshop was about learning with all the senses, i.e., creative, cognitive, emotional and kinesthetic learning, and was designed to be extremely practice-oriented. In doing so, an attempt was also made to refer to multiple focal points, namely the use of body language, communicative means and theater plays in the DaF lessons. The aim was that the participants should take away ideas and suggestions from the workshop for designing a playful, highly movement-oriented but also linguistically successful lesson.

This experience indeed helped Prof. Mahajan to understand her own topic better and reflect upon her own teaching skills.

- **January 2023: 'Moch G-20 - The Sherpa Track**

  Prof. Sneha Mahajan was invited as a jury by the Political Science Department of the college for the competition titled 'Mock G-20 - The Sherpa Track'. It was held on 19th January 2023.

- **March to May 2023: DLL Courses**

  All four staff members of the Department of German - Sneha Mahajan, Pallavi Pathak, Shilpa Deshmukh and Supriya Joshi successfully completed the teachersä training course 'DLL (Deutsch Lehren Lernen)' "Learning to teach German". These courses offered by Goethe Institut, Max Mueller Bhavan, are innovative advanced training programs focussing on methodological didactic principles of good teaching, as well as professional development of the teachers and their classroom lessons. The new advanced training and professional development series of the Goethe-Institut was specifically tailored for teachers of German as a foreign language (DaF) and German as a second language (DaZ). DLL provides practice-oriented qualifications for teachers worldwide – be it at the primary or the secondary level or adult education.

  There are in total 8 different courses which impart different aspects of teaching. Prof. Mahajan opted for DLL Course 4 - Assignments, Exercises and Interaction, and Prof. Pathak, Prof. Deshmukh and Prof. Joshi did the DLL Course 1 - Teaching Competence and Lesson Planning. The courses started in March and ended in May 2023.

- **BKD events**

  BKD stands for Bildungskooperation für Deutsch (Educational co-operation for German language). This is an organization formed by the Goethe Institut and German language teachers for senior level/college level can be a member of this group. BKD organizes many seminars and training programs for its members, so that the teachers upgrade their language skills and learn new and innovative teaching methodologies. Prof. Sneha Mahajan and Prof. Pallavi Pathak actively participated in two such training programs.

1. **September 19, 2022 Seminar 'Sprechen Sie gerne?'**

   This was a training program for teachers of German language which focussed on promoting speaking skills in teaching German as a foreign language. It was conducted by Aarti Ghodekar, an experienced teacher and German language specialist from Goethe Institut, Max Mueller Bhavan, Pune.

2. **1st December, 2022 'Mehrsprachigkeit im DaF Unterricht':**

   In the seminar 'Multilinguality in German Teaching' it was majorly discussed, with the help of different games and experiments, how using English, Marathi or any other regional language intermittently while teaching German can be useful. This seminar was conducted by Mr. Miguel Rezzania, a native German language linguist. It was very insightful. Prof. Sneha Mahajan and Prof. Pallavi Pathak attended this session.

3. **4th February, 2023 Introduction to HOHO Courses:**

This was an orientation session about the Hop On - Hop Off Courses of Goethe Institut, Max Mueller Bhavan, Pune. Ms. Aarti Ghodekar conducted this session and enlightened us about these skill development courses designed for teachers of German Language.

4. **24th February, 2023 Teachers' Conference:**

The purpose of the conference was to give the teachers an overview of the activities BKD conducted in the previous year and the activities they have planned for the year 2023. Similarly they also presented the new initiatives of Goethe-Institut in this conference. This seminar too was attended by both the faculty members.

5. **3rd, 4th and 5th May, 2023 'Sprache, Landeskunde, Methodik-Didaktik':**

As in the previous years, BKD offered the above-said training programme for German language teachers. The training programmes that they offer focus on the methodology and didactics of teaching German as a foreign language and aim to equip the participants not only with the latest know-how on teaching a foreign language but also with practical tips and materials for their classes, to make the lessons communicative, interactive, creative and more accessible to the students. As part of these efforts to consolidate and improve the quality of teaching German in the schools and colleges, the training programme "Sprache, Landeskunde und Methodik/Didaktik", roughly translated as "Language, Culture and Methodology and Didactics" was conducted from May 3rd to May 5th, 2023 at the Goethe Institut, Pune. The workshop was conducted by Ms. Amrita Dhara, an expert trainer at Goethe Institut, Mumbai. Prof. Sneha Mahajan and Prof. Pallavi Pathak attended this three day long training program. During these sessions they could learn and practice various didactic methods to make the lessons interesting and interactive for the students.

**Activities and Achievements of the Students**

- **1st December, 2022: Workshop 'Diversität' (Diversity)**

BKD, Goethe Institut, Pune organized a half day workshop for college students. The workshop was conducted by Mr. Miguel Rezzani. Students of S.Y.B.A and T.Y.B.A attended this workshop and learned a lot about this topic with a lot of games, activities, as well as discussions and debates.

- **3rd December, 2022: Reading session by Ms. Kathrin Rohman**

Students of S.Y.B.A and T.Y.B.A attended a reading session by Ms. Kathrin Rohmann, German author. She read excerpts from her latest book 'Apfelkuchen und Baklava'. The reading was followed by an interactive session of discussion and chats about the book as well as Germany.

- **January 2023: Paper Presentation**

Two of the students of the department - Mr. Suyog Khade and Ms. Dhanashree Lokhande had their abstracts selected for the Conference 'Teachers for Future'. They both wrote small papers and presented them at the conference.

- **February and March, 2023: 'Get Job Ready in German: Introduction to Translation and Professional Communication in German'**

Three students from S.Y.B.A German Special batch - Ms. Samvita Hattangadi, Ms. Somya Salunkhepatil and Mr. Anadee Pathak successfully completed a four credit course titled 'Get Job Ready in German: Introduction to Translation and Professional Communication in German' organized by the Department of German, Fergusson College, Pune.

It was a sixty clock hour course that took place between 4th January to 15th February 2023.

The course was organized by Dr. Amruta Kulkarni, Head of the German Department at Fergusson College and was divided into three parts, Translation, Professional Communication and Intercultural Communication.

The four resource persons for the course - Dr. Sumedha Desai and Devaki Kunte ma'am for the Translation part, Renuka Panchpor ma'am for the Professional Communication and Dr. Janaki Narkar-Waldraff for the Intercultural Communication part.

**- Prof. Sneha Mahajan**

Head, Dept. of German

# हिंदी विभाग

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Amruta Oke | Vice-Principal and Advisor of DIQAC | 9822450723 | hodpsychology@moderncollege.pune.edu.in |
| 2 | Dr. Prerana Ubale | HoD and Chairperson of DIQAC | 7020255378 | hodhindi@moderncollegepune.edu.in |
| 3 | Prof. Asir Mulani | Member 1 | 9822228684 | asirmulani@moderncollegepune.edu.in |
| 4 | Prof. Santosh Tambe | Member2 | 9970715008 | tambesantosh702@gmail.com |

2.11 **No. of meetings with various stakeholders:** No. 01 Faculty 04

Non-Teaching Staff Students NA Alumni 01 Others 01

2.13**Seminars and Conferences (only quality related)**

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [ ] International [ ] National [ ] State [ ] Institution Level [ ]

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 **Significant Activities conducted by the Department / DIQAC in the academic year -**

1. Inauguration of 'Aaj ka Muhavara' activity and collection of Aaj ka shabd'. – 08 August 2022
2. Broadcasting of Hindi Program _ KALASH- in the Hindi Classes. –03 September 2022.
3. More than 2000 Books collection for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' is completed. Krutagyata Gyapan Samaroh for donors, who donate their books for our 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' –28 Sept.2022.
4. 80 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by Prof. Sadanand Mahajan, (Ex Professor, Dept. Of Hindi, Modern College, Pune 05. – 29 Dec. 2022
5. Hindi Pakhawada Samapan Samaroh – 01 Oct. 2022
6. Hindi Advertisement Exhibition – 01 Oct. 2022
7. 150 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by Prof. Dr. Umashankar Upadhya , (Ex HOD, Dept. of Hindi, Pune University, Pune.- 12 Oct. 2022
8. Wachan Prerana Diwas /Reading Day Celebration. – 15 Oct. 2022
9. "Prakash Bhatambrekar : Digital Edition" Published in the collaboration with Hindi Dept. and Shabdsrushti Prakashan, Mumbai. – 18 Nov. 2022
10. 25 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by Prof. Dr. Satish Pawade , (HOD, Dept. of Performing Arts, Wadha University, Wardha.- 22 Nov. 2022
11. 03 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by author Samiksha Telang , Pune.- 22 Nov. 2022

12. 03 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by Prof. Dr. Gajanan Chavan , (Ex HOD, Dept. of Hindi, Pune University, Pune.- 22Nov. 2022
13. ISR Activity – Under the Institutional Social Responsibility donate the food for social institution – Parikrama, kanhe Phata, Pune.- 01 Dec. 2022
14. 40 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by Prof. Dr. Padmaja Ghorpade , (Ex HOD, Dept. of Hindi, S.P. College, Pune.- 01 Dec. 2022
15. Completed 06 years for Hindi Activities – Aaj ka shbda, Arunima Magazine. –16 Dec. 2022
16. Audit of Hindi dept.- 14 Jan. 2023
17. 60 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by. Dr. Prabha Mathur , Hindi Author, Poet, Pune.- 17 Jan.. 2023
18. 150 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by. Prof. Indira Poonawala , Hindi Author, Poet, Pune.- 31 Jan.. 2023
19. Krutagyata Gyapan Samaroh – 03 March 2023
20. The poetry collection – 'Tab Jakar Mujhe Chhanv Mili' edited by the Dept. of Hindi - Book release program – 11 March 2023
21. 150 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by NRI Hindi writer Dr.. Usha Raje Saksena, London –24&27 March 2023
22. 160 Books gifted for 'Late Shankarrav Kanitkar Hindi Vibhagiy Granthalay' by Dr. Prerana Ubale, HOD., Dept. of Hindi, Modern College, Pune 05. –13 April 2023
23. Bidai samaroh – 28 April 2023
24. Film screening For UG Section and PG. Section – April 2023

2.15 **Plan of Action by DIQAC/Outcome**

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 **Details about Academic Programmes**

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 01 | | | |
| UG | 01 | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |

| | | | | |
|---|---|---|---|---|
| Interdisciplinary | | | | |
| Innovative | | | | |

**1.1.2 Number of Programmes where syllabus revision was carried out during the year : All programes.**

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: All Hindi courses of U.G. and P.G. are designed as 50% based on practical & Functional Hindi.

1.2.1 - Number of new courses introduced across all programmes offered during the year – Nil.

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System- In PG. section, we have elective courses.

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year - Nil

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **MA. II –sem. IV. – kavyshastra - Internship** | **07** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers usingICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data)

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 02 | 02 | 02 | 02 | 02 | 02 |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 01 | 01 | | | |

2.2 No. of permanent faculty with Ph.D.- 01

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| | | | | | | | | | 01 |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| | | |
|---|---|---|
| 02 | | |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
|---|---|---|---|
| *01 Jan. 2023* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Pushparatna kavyagaurav purskar by Pushparatn Sahitya Samuh, Nashik* |
| *24 August 2022* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Adarsh shikshak Purskar by Bharat Dayari, Media Company, Pune* |
| *14 Sept. 2022* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Hindi Sevi Samman By Poona College, Pune* |

| | | | |
|---|---|---|---|
| *28 Jan. 2023* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Selected as Deputy Director on Dr. Vijaya Memorial International Translation &research Center, Mumbai.* |
| *Feb.. 2023* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Selected as VC Nominee for Hindi BOS at Saint Mira College for Girls, Pune.* |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended | | 01 | |
| Presented papers | 01 | | |
| Resource Persons | | 04 | 03 |

1. 4.: "Importance of Indian Education and Challenges" in a two-day international online and offline seminar organized by Vilakshanaa:Ek Sarthak Samiti, Rohtak, Haryana and various institutions of the Government of India in Kathmandu, Nepal. in Global Perspective) , Presented research paper published in the journal - July 2022
2. Delivered a lecture as a resourse person in the national seminar organized by Vishwa Hindi Sahitya Seva Sansthan, Prayagraj on the topic "Ritikal ke Natak" – 30 July 2022, Topic – Ritikaal dramas: Samagra Vivechan'
3. Delivered two lectures in the Indian Language Refresher Course organized byUGC. And Sant Gadgebaba Amravati University – Place of Indian languages in the National Education Policy; Indianness and Indian Literature - 16 September 2022
4. Delivered a Lecture on the topic "Importance of Hindi in New Education Policy 2020" as a speaker in the national seminar "New Education Policy 2020: Role of Hindi" organized under the joint aegis of Pune College IQAC and Hindi Department, Pritha Foundation, Pune and Ejuthon,Nehru Yuva Kendra Sangathan, Pune; Ministry of Youth Affairs and Sports, Government of India; Pune. - 14 September 2022
5. Telecast of talk on the topic 'Different dimensions of New Education Policy: 2020' in the Hindi program 'Kalash' of Akashvani, Pune – 02 September 2022
6. Invited as Chief Guest at the inaugural ceremony of Abhivyanjna Library and Hindi Poetry Conference, Pashan, Pune organized by Abhivyanjna Sanstha, Pune – 19 November 2022
7. Attended a National Conference on "Godavari and Vitasta :A Cultural Journey" organized by Sahitya Academy, Delhiin the collaboration with Savitribai Phule Pune University, Pune on the occasion of Kashmir Festival. –01- 02 April 2023.
8. Presented poems **'बाबानेकहाथा'और 24'नवंबर 1949 कीरात'**in Monthly online **'काव्य-गोष्ठी'**organized by**NavdalitLekhak Sangh', Delhi. –**24 Jan. 2023
9. Reciting poems- **'तुमच्याइमल्याच्या'**, **'परिवर्तन'**instate level kavisammelanorganized by Pushparatna Sahitya Samuh, Nashik. – 01 Jan. 2023

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1. | Dr. Prerana Ubale | VC Nominee at Saint Mira'j College, Pune | March 2023 |

2.10 Average percentage of attendance of students 90%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff - N

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year | Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining | Whether recognised as a research guide for PhD? | Year of recognition as a Research Guide | Is the teacher still serving the institution?/If not,when did he/she leave the institution? | Name of the scholar | Month and Year of registration of the scholar | PhD Scholar's Title of the Thesis |
|---|---|---|---|---|---|---|---|
| | | 01 | May 2023 | Serving | | | |

3.3.1 Incentive to the teachers who receive recognition/awards

| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
|---|---|---|---|
| *01 Jan. 2023* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Pushparatna kavyagaurav purskar by Pushparatn Sahitya Samuh, Nashik (State level)* |
| *24 August 2022* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Adarsh shikshak Purskar by Bharat Dayari, Media Company, Pune (National Level)* |
| *14 Sept. 2022* | *Dr. Prerana Ubale* | *Assistant Prof.* | *Hindi Sevi Samman By Poona College, Pune (National Level)* |

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects - Nil

3.3 Details regarding minor projects- Nil

3.4 Details on research publications in current academic year

*Please provide the information in following formatas annexure*

1. *Transcript of the lecture of Dr. Anandprakash Dixit, renowned Hindi scholar, writer, linguist, thinker, published in 'Shabdsrishti Dixityan: Dr. Anandprakash Dixit Smritigranth' (Chief Editor - Dr. Manohar; Publication - Shabdsrishti Pratishthan, Navi Mumbai) – July 2022*
2. *I published the Marathi translation of the interview of renowned Hindi writer-poet Manglesh Dabral in 'Khel' magazine (Editor- Mangesh Narayanrao Kale, Pune; Issue-44, Year 17).*
3. *'Srijan Samvad' – Poem 'Ratrichya Andharatoon' published in Deepawali Pravas special issue, October 2022 (Editor – Geetsh Shinde, Publication – Srijan Samvad Prakashan, Thane, Mumbai; October 2022)*
4. *Short story 'Meetha Chand' published in the Diwali special issue of e-Abhivyakti web portal (Editor – Mr. Hemant Bawankar, e-abhivyakti.com) – October 2022*
5. *Shri. Review of Prakash Bhatmbrekar's Vanodeya translated work published (Editor – Dr. Manohar, Asharani, Prof. Mukund Andhalkar, Dr. Anil Gaikwad, Navi Mumbai) – October 2022*

6. *Article titled 'The originator of Indian sensitivities: Mahakavi Kanhaiyalal Sethia' on the respected great poet of Rajasthan, Kanhaiyalal Sethia, published in Kolkata's famous newspaper 'Sanmarg' – 06 November 2022.*
7. Hindi poems **'चाहनहोतीपूरी' ,'जीनामुझेसिखाया'**translated in Panjabi language, by Sahitya AcademyAwarded Poet AmarjeetKaunke& published in the Panjabi Literary Magazine 'Pratiman'. (Editor _ AmarjeetKaunke, Gagandeep Kaur, Patiyala, Issue- Jan.-March 2023. ISSN No. 2277-9930)
8. A research paper **"रीतिकालीन नाटकों की विशेषताएँ एवं योगदान"**publishedin single blind peer Reviewed & Refereed International, Multidisciplinary Research Journal**AKSHARA**, edited by Dr. Girish Koli. (Issue- Feb. 2023. ISSN no. 2582-5429, SJIP Impact factor 5.67) – Feb. 2023.
9. Translate 08 poems in Marathi **"या मार्गावरील सर्व सेवा व्यस्त आहेत, कबीर, महिलाकामगार, निरागसता, जे दिसत नाही दिल्लीवरून, फासीवाद, कायमी कुठला गुन्हा करत आहे, कठीण काळात"** of Hindi poet Sushant Supriye, published in well-known Marathi Literary magazine **"परिवर्तनाचा वाटसरू"**. (Year- 2022, Issue- 23, ISSN- 2250-3145, Editor- Abhay Kanta, Pune; 01 – 15 April 2023.
10. Published a book review titled as **'नागराज मंजुळे यांच्या"उन्हाच्या कटाविरुद्ध" काव्यसंग्रहातील सामाजिक वास्तव आणि सौंदर्य'** for the special issue on Poet, Script writer, Actor, Director, Producer Nagraj Manjule- Literature – Art Issue of magazine **सक्षमसमीक्षा**. –Jan. – March 2023.

*Please provide scan copies of the papers publishedas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. 02 Chapters in Edited Books 01

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given belowas annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1. | Dr. Prerana Ubale | Shunshep | Shilpayan Prakashan, New Delhi & Varnmudra Publication, Shegav, Maharashtra | 978-93-92195-10-5 (ISSN ) | April 2023 |
| | Dr. Prerana Ubale | Tab jakar Mujhe chhanv Mili | Shailja prakashan, Kanpur, Uttar Pradesh | 978-93-9438-07-0 (ISBN) | Feb. 2023 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department Organized National Essay Writing Competition on the occasion of Vishv Hindi Diwas, 10 Jan. 2023.

| Level | International | National | State | University | College |
|---|---|---|---|---|---|
| Number | | 01 | | | |
| Sponsoring agencies | | | | | |

3.12 Details faculty served as experts, chairpersons or resource persons

| Sr. No. | Name of the Staff Member | Role | Name of Conference / Seminar / Symposia |
|---|---|---|---|
| 1. | Dr. Prerana Ubale | | |

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

*Please provide the scan copies of the certificatesas annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 01 PC, 01 Laptop | - | Lan Network | | | | 01 | Hathway | |
| Added | | | | | | | | | |
| Total | 02 | | | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services- taking meetings with parents of our students.

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 200 | 07 | | |

(b) No. of students outside the state | 20 |

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students | 50 |

*Please provide the list of students, Gender, class, categoryas annexure*

| No | % |
|---|---|
| | 30% |

Men

| No | % |
|---|---|
| | 70% |

Women

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance. – Arranging sessions for student's Guidance.

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities. – We have included these topics for introduction in the syllabus & also taking practices

9. Soft Skills
10. Language and Communication Skills
11. Life Skills (Yoga, Physical fitness, Health and Hygiene)
12. Awareness of Trends in Technology

| **Name of the Capacity Development and Skill Enhancement programme** | **Year of implementation** | **Number of students enrolled** | **Name of the agencies/consultants involved with contact details, if any** |
|---|---|---|---|
| Workshop on Digital Hindi | Oct. 2022 | 150 | Home Ministry, Pune Section, govt. of India. |
| | | | |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1. | Bidai Samaroh- April 2023 | Fair | College Level. | |
| 2 | Funfair games- April 2023 | Fair | College level | |
| 3. | Hindi Advertisement Exhibition – Oct. 2022 | Exhibition | College level | |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development – Curriculum Designed as relevance of the update knowledge.

6.3.2 Teaching and Learning –ICT, Projector usage, using Interaction method, cooperative learning method.

6.3.3 Examination and Evaluation – Systematic method of making question papers, Paper checking and moderation.

6.3.4 Research and Development- Proposed PHD course.

6.3.5 Library, ICT and physical infrastructure / instrumentation- Dept. Library – 2000 books, magazines are available.

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment- Through Interviews and Local panel of the college management.

6.3.8 Industry Interaction / Collaboration- Donate food in Parikrama- Social Institution, Pune for poor people.

6.3.9 Admission of Students- Through online procedure.

6.11 Activities and support from the Alumni Association- Taking initiative by the Past students to organize ameeting or get together for Alumni.

6.12 Activities and support from the Parent – Parent Associationis firmed for Hindi Dept. Students.

6.13 Development programmes for support staff– Taking FDP programs for faculties Improvement of Technology.

6.14 Initiatives taken by the institution to make the campus eco-friendly.

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department – Regular activities from the last Six years Are – 'Aaj ka Muhavara', 'Arunima', 'Hindi Film Screening', National Essay writing competition, 'Vishwa Hindi Diwas Celebration, Separate Departmental Library of more than 2000 books.

7.4 Contribution to environmental awareness / protection–Hindi dept. always inaugurate their programs by giving water to plant for creating awareness about Environment.

7.6 SWOC Analysis of the Department–

Strength - Qualified staff, Students centric Education and approach, updated syllabus, Various activities

Weakness- Limitations for research

Opportunities – Can start new courses, related to Digital Hindi.

Challenges – Increasing student's strength

8.**<u>Plans of Department for next year-</u>**

1.PHD Centre.

2.Spoken Hindi Course for Foreign students

3.Anuvad Diploma – 01year Course

*Name 1: Dr. amruta Oke (Vice Principal)*

*Name 2 : Dr. Prerana Ubale*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

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# Department of History

**PART A**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Rajesh Y. Kulkarni | HoD and Chairperson of DIQAC | 9822066100 | hodhistory@moderncollegepune.edu.in |
| 2 | Dr. Priyanka Joshi- More | Member 1 | 7040219959 | morehistory@ moderncollegepune.edu.in |
| 3. | Dr. Sushma Shukla | Member 2 | 9755172339 | shuklahistory@moderncollegepune.edu .in |
| 4. | Prof. Manasi Bhosale | Member 3 | 9975013414 | bhosalehistory@moderncollegepune.ed u.in |

2.11 No. of meetings with various stakeholders: No. **NA** Faculty NA

Non-Teaching Staff Students NA Alumni NA Others NA

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department **NA**

Total Nos. International National State Institution Level

(ii) Themes : **NA**

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- **Iti - the History Festival - Cultural event and Exhibition 01/02/2023**
- **Heritage Walk - A Walk through Pune's Ancient Heritage 03/02/2023**

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| • **Cultural Days celebration**<br>• **Heritage Walk**<br>• **Meditation Sessions** | **Completed Successfully** |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | – | – | – | – |
| PG | **12** | **01** | **–** | **04** |
| UG | **07** | **–** | **–** | **07** |
| PG Diploma | – | – | – | – |
| Advanced Diploma | – | – | – | – |
| Diploma | – | – | – | – |
| Certificate | – | – | – | – |
| Others | – | – | – | – |
| **Total** | | | | – |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

**–**

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year **03**

1.2.1 - Number of new courses introduced across all programmes offered during the year **01**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System **01**

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year – NA

1.3.2 Field Projects / Internships under taken during the year

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| **04** | **04** | **MS Teams, Mograsis, Google and Youtube** | **NA** | **NA** | **MS Teams, Mograsis, Google and Youtube** |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| **01** | **–** | **01** | **–** | **–** |

2.2 No. of permanent faculty with Ph.D. **01**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| – | – | – | – | – | – | – | – | – | – |

2.4 No. of Guest and Visiting faculty and Temporary faculty : **Full time (Temporary) - 03**

*Pl. Provide the list of visiting faculty as annexure*

2.4.2 Honours and recognitions received by teachers
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
|---|---|---|---|
| *2022-23* | *Dr. Priyanka Joshi* | *Assistant Professor (Adhoc)* | *Listed below* |

| | | | |
|---|---|---|---|
| • Winner of India's Top 100 Researchers 2022 by India Prime Award.<br>• She also received the Education Leadership Award 2022 by GlantorX.<br>• Accolade Certificate of Excellence for Inspiring Women Award 2023 by PlugIN PR Marketing group.<br>• Certificate of Appreciation for Inspiration Awards 2023 by HerStory Times, April 2023.<br>• She also featured in The *Top 50 Remarkable Women Awards 2023* by The Diva Planet Magazine, Women's Day Special issue March 2023.<br>• Qualified the International Teachers Olympiad in October 2022 by Suraasa with a score of 70.86%.<br>• Qualified the CENTA (Centre of Teacher Accreditation - funded by Ambani Group Reliance) Teaching Quotient test (preliminary round of the CENTA International TPO (Teaching Professionals Olympiad) and featured on the CENTA Wall of Fame 2022 in January 2023. | | | |
| *2022-23* | *Dr. Rajesh Kulkarni* | *Head of the Departmnent,* | *Listed below* |
| • Inspiring Spiritual Leader Award by Osho Oracle March, 2023.<br>• Awards Distributed to various eminent personalities such as : RBI Director Dr. Ashutosh Raravikar, Justice Katke, Women Entrepreneur Dr. Harshida Chandwaniya, Innovator Dr. Prashant Panasare, Journalist Shri Sham Ugale. | | | |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | **02** | | **01** |
| Presented papers | **01** | | |
| Resource Persons | | **01** | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- ***Use of ICT***
- ***Field visit and application of knowledge***
- ***Expansion of E-content***
- ***Development of Departmental Library***
- ***Circulation of E-books***
- ***Videos on YouTube***
- ***Use of Learning Management System (LMS)***

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| **01** | **Dr. Rajesh Kulkarni – HOD** | **BOS Chairman, Modern College** | **Not Applicable in AY 22-23** |
| **02** | **Dr. Priyanka Joshi** | **BOS Member – World History** | **Not Applicable in AY 22-23** |
| **03** | **Dr. Sushma Shukla** | **BOS Member – Ancient India** | **Not Applicable in AY 22-23** |
| **04** | **Prof. Manasi Bhosale** | **BOS Member – Medieval India** | **Not Applicable in AY 22-23** |

| | | | |
|---|---|---|---|
| **05** | **Dr. Rajesh Kulkarni – HOD** | **Academic Council Member, Modern College** | **2023** |
| **06.** | **Dr. Rajesh Kulkarni – HOD** | **BOS Member SPPU** | **2023** |
| **07** | **Dr. Rajesh Kulkarni – HOD** | **BOS Member - Liberal Arts Faculty, Modern College** | **2023** |
| **08** | **Dr. Rajesh Kulkarni – HOD** | **Academic Council Member, Liberal Arts, Modern College** | **2023** |
| **09** | **Dr. Rajesh Kulkarni – HOD** | **BOS Member, New Arts and Commerce College, Ahmednagar** | **2023** |

2.10 Average percentage of attendance of students:**87%**

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- ***Staff is Student friendly and ensures to guide students***
    - ***Method of teaching is Blind student friendly***
    - ***Special audio lectures for VH/Blind students***
    - ***Conducted online and offline assessment (as per curricular)***

2.13 Initiatives undertaken towards faculty development by the deartment

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | **NA** |
| UGC – Faculty Improvement Programme | **NA** |
| HRD programmes | **NA** |
| Orientation programmes | **NA** |
| Faculty exchange programme | **NA** |
| Staff training conducted by the university | **NA** |
| Staff training conducted by other institutions | **NA** |
| Summer / Winter schools, Workshops, etc. | **NA** |
| Others | **NA** |

2.14 Details of Administrative and Technical staff

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards - **NA**

3.3.2 Ph. Ds awarded during the year- **NA**

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects **NA**

3.3 Details regarding minor projects **NA**

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | **07** | | |
| Non-Peer Review Journals | | | |
| e-Journals | **07** | | |
| Conference proceedings | **01** | | |

*Please provide the information in following format as annexure*

| Sr. No. | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1. | Dr. Priyanka Joshi | "*Cinema as a source of History - Valid or Invalid*" | IJSDR (International Journal of Science & Engineering Development Research) ISSN - 2455-2631 | vol. 7, issue 9. September 2022 | 7.84 |
| 2. | Dr. Rajesh Kulkarni and Dr. Priyanka Joshi | "*Hindi War Films and Indian History*" | IJARESM (International Journal of All Research Education and Scientific Methods) 2455-6211 | Volume 11, Issue 2, February 2023 | 7.42, |
| 3. | Dr. Rajesh Kulkarni and Dr. Priyanka Joshi | "*The National Film Archive of India (Heritage and History)*" | IJRAR (International Journal Research and Analytical Reviews) E-ISSN 2348-1269, P-ISSN 2349-5138 | Volume.10, Issue 1, Page No pp.11-17, March 2023, | 7.17, |
| 4. | Dr. Rajesh Kulkarni and Prof. Manasi Bhosale | Maharashtra ke Khadya Paramparao ki likhit Sandarbh Sadhano ka ek Adhyan | IRJMSH (International Research Journal of Management, Sociology and Humanities E ISSN - 2277-9809 P ISSN - 2348-9359 | Vol. 14 Issue - 4 April 2023. | 7.80 |
| 5. | Dr. Rajesh Kulkarni and Prof. Manasi Bhosale | Prachin Bhartiya Aitihasik Sahitya mein Aahar ke Vishay mein Sandarbh | IJRAR (International Journal Research and Analytical Reviews) E-ISSN 2348-1269, P-ISSN 2349-5138 | Vol. 10 Issue 2 April 2023 | 7.17 |
| 6. | Dr. Rajesh Kulkarni | Bhartatil Durg Sankalpanecha Itihas | Research Journal 2348-7143 | Volume 9 Issue 4 January - March 2023 | – |

*Please provide scan copies of the papers published as annexure*

**NA**

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books **02**

ii) Without ISBN No. **01**

*Please provide the list of books authored by staff members in the format given below as annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1 | Dr. Rajesh Kulkarni | Monograph on Development of Life Quotients | Author Published | – | 2023 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | No. of publication |
|---|---|
| **History** | **03** |

***Dr. Priyanka Joshi***

- "What 'She' Was…Representations of Women in Films - A Historical Perspective" Proceeding - 13th Asian Conference on Arts and Humanities under the International Academic Forum, Tokyo, Japan in June 2022. DOI: 10.22492/issn.2186-229X.2022.5
- Book Chapter published - "*Main Aurat Hoon* ( I am a Woman) - Gendered Roles in Indian Popular Culture " in the peer-reviewed book 'Gender Equality and Women Empowerment: Contemporary South East Asian Perspectives'. Published by Dept. of Political Science, Dispur College, Guwahati.
- Book Chapter published - "Women and the Recent Educational Trends: Patterns in Indian Educational System during COVID19 and Post-COVID times and its effects on Women" in the book 'Recent Trends in Education' ed. by Dr. Sunita Agarwalla, Department of Education, Dispur College, Guwahati. March 2023.

3.10 consultancy provided by the Department **NA**

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department **NA**

3.12 Details faculty served as experts, chairpersons or resource persons **NA**

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| **1.** | **National History Council** | **National** | **Research and Applied History** |

3.14 Details of linkages created during this year **NA**

| Sr. No. | Name of the Institution | Type of Linkage (International / National / Other) | Area / Details |
|---|---|---|---|
| | **NA** | | |

*Please provide the scan copies of the related letters as annexure* 3.16 No. of patents received this year **NA**

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

| | Name of the Staff Member | Name of the Award | Given by | International/ National/ State/ University/ Other |
|---|---|---|---|---|
| 1 | Dr. Rajesh Kulkarni | Inspiring Spiritual Leader Award, March, 2023. | Osho Oracle | International |
| 2. | Dr. Rajesh Kulkarni | Leadership Communicator | Leadership Foundation | National |
| 3. | Dr. Priyanka Joshi | Winner of India's Top 100 Researchers 2022 | India Prime Awards. | National |
| | Dr. Priyanka Joshi | Education Leadership Award 2022 | GlantorX. | National |
| | Dr. Priyanka Joshi | Certificate of Excellence for Inspiring Women Award 2023 | PlugIN PR Marketing group. | National |
| | Dr. Priyanka Joshi | Inspiration Awards 2023 | HerStory Time | National |
| | Dr. Priyanka Joshi | The Top 50 Remarkable Women Awards 2023 | Diva Planet Magazine, Women's Day Special issue March 2023. | International |

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

**NA**

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

**NA**

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

***NA***

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | **01** | | | |
| Presented papers | **01** | | | |
| Resource Persons | | | **01** | |

| **3.5 Collaborations** | | | |
|---|---|---|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | |
| Nature of Activity | Participant | Source of financial support | Duration |
| **1, Heritage Walk to Pataleshwar caves - Convenor - Prof. Manasi Bhosale and Dr. Rajesh Kulkarni in Collaboration with National History Council** | **Teachers and Students** | **Dept.** | **3 hours** |

| |
|---|
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year |
| |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**NA**

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | **02** | **–** | **YES** | **–** | **–** | **–** | **–** | **51 Mbps** | – |
| Added | – | – | – | – | – | – | – | | – |
| Total | **02** | | | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| **880** | **32** | – | – |

(b) No. of students outside the state **03**

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students **00**

*Please provide the list of students, Gender, class, category as annexure*

| No | % | |
|---|---|---|
| **538** | **59** | Women |
| No | % | Men |
| **373** | **41** | |

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance **NA**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

**NA**

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl / State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | **Iti - the History Festival** | **Cultural event and Exhibition** | **College** | **1st February 2023. Event Coordinator - Dr. Priyanka Joshi Aimed to promote and showcase the cultural heritage of India, the event held cultural performances by students in the form of classical dances from the North and South India, Folk songs, Powada geet from Maharashtra, poems and monologues were recited. Highlighted events were flute recital and performances by the Blind/VH students of the department. Not only that, there were also exhibitions of Historical artefacts and the Historical Costumes display. The former was put up by students of the department while the latter was displayed by the students of the Fashion Technology department. Two competitions were also organized - the Selfie with Heritage competition and the Short-film competition.** |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies** | | |
|---|---|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year | | |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year | | |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
| **Workshop on National Education Policy "NEP 2020 Awareness"** | **04** | **02 May 2023** |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

**According to SPPU**
**Under the new Autonomy scheme – with discussion of BOS members with 10% changes as per guidelines**

6.3.2 Teaching and Learning

- **Expansion of E-content**
- **Development of Departmental Library**
- **Circulation of E-books**
- **Videos on YouTube**
- **Development of Audio content for Visually Handicapped students**

6.3.3 Examination and Evaluation

- **As per SPPU guidelines**
- **Increase of Passing Ratio**
- **Online exams conducted through LMS**

6.3.4 Research and Development

- **As per SPPU**
- **Authored Research Articles**
- **Research Books publication in process**
- **Attendance of Research Conferences/Seminars/Workshops by Faculty**

6.3.5 Library, ICT and physical infrastructure / instrumentation

- **Staff has submitted research theses, and research articles for online access under Library Staff Development**
- **Use of Library and ICT facilities by Staff members**
- **Departmental Library - collection of rare books.**

6.3.6 Human Resource Management

**Connected with Experts**

6.3.7 Faculty and Staff recruitment

- **As per college guidelines – Non-grant English medium faculty recruited**
- **Recruited Earn and Learn students**

6.3.8 Industry Interaction / Collaboration

**Connection with Experts –E-content development and course conduction**

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association **NA**

6.12 Activities and support from the Parent – Teacher Association **NA**

6.13 Development programmes for support staff **NA**

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

**Books Authored by Lecturers**

7.4 Contribution to environmental awareness / protection

**Encouraged students to keep their areas clean and avoid plastic.**

7.6 SWOC Analysis of the Department

- **All Teachers are PhD**
- **Reference books Authored**
- **Guidance for Competitive Exams**
- **Art Gallery and Museum**
- **Personal edify for students**

8. **Plans of Department for next year**

- **Shift to new department place**
- **Art Gallery**
- **Department Library**
- **Departmental Museum**
- **Lecture Series**
- **Round Table Conference**
- **Cultural Days celebration**
- **Meditation Course**
- **Heritage Walk**

The Department of History has always been active in promoting Indian History, heritage and culture and this year the department and its staff members have been actively involved in the same. The department conducted indoor and outdoor activities for the students. Some which may be specifically mentioned are:-

1. The Department organized its annual ***Iti - The History festival*** on the 1st of February 2023, after a gap of two years due to the Covid-19. Aimed to promote and showcase the cultural heritage of India, the event held cultural performances by students in the form of classical dances from the North and South India, Folk songs, Powada geet from Maharashtra, poems and monologues were recited. Highlighted events were flute recital and performances by the Blind/VH students of the department. Not only that, there were also exhibitions of Historical artefacts and the Historical Costumes display. The former was put up by students of the department while the latter was displayed by the students of the Fashion Technology department. Two competitions were also organized - the Selfie with Heritage competition and the Short-film competition. The event was graced by the presence of Hon'ble Principal Dr. R.S. Zunjarrao, Vice-Principal Dr. Amruta Oke and the Head of the Department, Dr. Rajesh Kulkarni. The event was coordinated by Dr. Priyanka Joshi.
2. A ***Heritage Walk*** was organized at Pataleshwar Caves and Jungli Maharaj Mandir on 3rd February 2023 by the Department of History. The heritage walk was organized with a view so that the students were able to get an in-depth knowledge of the Jangli Maharaj Temple and the ancient Pataleshwar Temple, a site conserved under the Archaeological Survey of India. It was an initiative to connect the new generation and youth with our rich heritage. Along with the students, some citizens also took advantage of this heritage walk. The program was also supported by the National History Council. The heritage walk became a subject of curiosity and joy for the students. A large amount of awareness was created in this regard through print and social media. The students also got a chance to do something new and learn about their heritage through such activities. They realized how important it is to preserve their heritage. As some European citizens were also present at the place, the students got an opportunity to interact with them. The walk was organized by Prof. Manasi Bhosale and all other department staff members were also present on this occasion.

3. The Department of History is also one of the Departments in college with a high number of Visually impaired/Blind students, for this purpose the Dept. of History has specially produced lessons in audio format. The Dept. functions to aid our VH/Blind students in using teaching methods keeping our VH/Blind students in mind, with a policy of "Help to All". Our Teachers have also assisted the Visually Handicapped students through all possible methods.

   The staff of the Department has not fallen back short of academic performances. Faculty members have actively contributed to the Institutional development as well as personal development.

**Prof. Manasi Bhosale** -

- Published paper jointly with Dr. Rajesh Kulkarni, the Head of the Department of History, entitled *Maharashtra ke khadya paramparaon ke likhit sandarbh sadhnon ka ek adhyayan* in International Research Journal of Management Sociology and Humanities, 4th April 2023.
- Published paper jointly with Dr. Rajesh Kulkarni, the Head of the Department of History, entitled *Prachin Bhartiya Aitihasik Sahitya Mein Aahar Ke Vishay Mein Sandarbh*, in International Journal of Research and Analytical Reviews, volume 10, issue 2 April 2023.
- Convenor of the Heritage Walk organized by the Department of History
- Attended NEP National Conference/Workshop at Modern College, Pune.

**Dr. Priyanka Joshi** -

- Attended the NSS camp in December 2022.
- Event coordinator of the *Iti - The History festival*, Department cultural activity.
- Presented paper virtually - *"Can Hindi Cinema be a source of History*?" at the World Conference of Social Sciences, University of Oxford. June 2022.
- Presented paper virtually and paper published- "*What 'She' Was…Representations of Women in Films - A Historical Perspective*" at the 13th Asian Conference on Arts and Humanities under the International Academic Forum, Tokyo, Japan in June 2022.
- Research paper - "*Cinema as a source of History - Valid or Invalid*" published in peer-reviewed journal IJSDR (International Journal of Science & Engineering Development Research) vol. 7, issue 9. September 2022. Impact factor
- Research paper jointly published with the Head of the Department Dr. Rajesh Kulkarni, titled "*Hindi War Films and Indian History*" in the peer-reviewed IJARESM (International Journal of All Research Education and Scientific Methods) Impact Factor 7.42, Volume 11, Issue 2, February 2023.
- Research paper jointly published with the Head of the Department Dr. Rajesh Kulkarni, titled "*The National Film Archive of India (Heritage and History)*" in the peer-reviewed IJRAR (International Journal Research and Analytical Reviews) Impact Factor 7.17, Volume 10, March 2023.
- Paper accepted for publication/presentation in the 2 days ICSSR Sponsored International Seminar on "Contemporary Concerns of the State of Indigenous People vis-a-vis their Existence and Survival" on 27th and 28th February 2023, Dispur College, Guwahati.
- Book Chapter published - "*Main Aurat Hoon* (I am a Woman) - Gendered Roles in Indian Popular Culture " in the peer-reviewed book 'Gender Equality and Women Empowerment: Contemporary South East Asian Perspectives'. Published by Dept. of Political Science, Dispur College, Guwahati.
- Book Chapter published - "Women and the Recent Educational Trends: Patterns in Indian Educational System during COVID19 and Post-COVID times and its effects on Women" in the book 'Recent Trends in Education' ed. by Dr. Sunita Agarwalla, Department of Education, Dispur College, Guwahati. March 2023.
- Her article "What is the importance of Student-Teacher Interaction in the Classroom" was published in The Knowledge Review Magazine, July 2022.

- Completed three-week certificate course by Suraasa in October 2022.
- Attended NEP National Conference/Workshop at Modern College, Pune.

She was honoured with the following accolades and awards -

- Winner of India's Top 100 Researchers 2022 by India Prime Award.
- She also received the Education Leadership Award 2022 by GlantorX.
- Accolade Certificate of Excellence for Inspiring Women Award 2023 by PlugIN PR Marketing group.
- Certificate of Appreciation for Inspiration Awards 2023 by HerStory Times, April 2023.
- She also featured in The *Top 50 Remarkable Women Awards 2023* by The Diva Planet Magazine, Women's Day Special issue March 2023.
- Qualified the International Teachers Olympiad in October 2022 by Suraasa with a score of 70.86%.
- Qualified the CENTA (Centre of Teacher Accreditation - funded by Ambani Group Reliance) Teaching Quotient test (preliminary round of the CENTA International TPO (Teaching Professionals Olympiad) and featured on the CENTA Wall of Fame 2022 in January 2023.

In her fiction field she has received the following:-

- Certificate of Appreciation by the India Writing Project
- First place in English poetry "Colour your words" compilation by StoryMirror.
- In July 2022, her debut novel - *That String That Joins* Us, was officially inaugurated at the Suenos Literary Event held at the Taj Vivanta, Kolkata.
- She also received the "Best Contribution in an Anthology award for her short story titled - "The so-called Perfect Marriage" in the 'Wide Awake series' published by Ukiyoto.
- She did author readings at the Taj Vivanta and Boi Chitra Gallery, Kolkata in the same trip.
- Top 30 winners of the Avanti National Creative Writing Competition held by Shrihind Publications in November 2022.
- Second solo title released - *My Shining Star* in January 2023. She was also published in 8 anthologies throughout the year.

**Dr. Rajesh Kulkarni**

**(the Head of the Department)**

Participation in

- NEP National Conference held at Modern College, Pune.
- Heritage Walk (various)

***Course Designed*** – a) Heritage Management for Liberal Arts

b) Global Spiritual Guide

***Awards and Accolades:***

- Inspiring Spiritual Leader Award by Osho Oracle March, 2023.

***ICT/E-content Development***

- *Navya Jagacha Itihas* - Audiobook (4 parts)
- Started work for Audio Encyclopaedia on Culture and Spiritualism
- Daily Morning meditations and evening prayers (21 days) – 3rd November, 2022.

***Talks and Speeches***:

- Talk on Bhagavad-Gita and Leadership – 15th August 2022.
- Radio Interview – December 2022.

Awards Distributed to various eminent personalities such as : (RBI Director Dr. Ashutosh Raravikar, Justice Katke, Women Entrepreneur Dr. Harshida Chandwaniya, Innovator Dr. Prashant Panasare, Journalist Shri Sham Ugale.

***Academic Achievements***:

- Appointed PhD Guideship from SPPU
- Nominated as BOS Member of SPPU
- Appointed as the BOS Member and Academic Council member for Liberal Arts, Modern College.
- Special Invitee at Leadership Foundation, Mumbai.

***Publications***:

- Research paper jointly published with Dr. Priyanka Joshi, titled "*Hindi War Films and Indian History*" in the peer-reviewed IJARESM (International Journal of All Research Education and Scientific Methods) Impact Factor 7.42, Volume 11, Issue 2, February 2023.
- Research paper jointly published with Dr. Priyanka Joshi, titled "*The National Film Archive of India (Heritage and History)*" in the peer-reviewed IJRAR (International Journal Research and Analytical Reviews) Impact Factor 7.17, Volume 10, March 2023.
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- Published paper jointly with Prof. Manasi Bhosale, entitled *Prachin Bhartiya Aitihasik Sahitya Mein Aahar Ke Vishay Mein Sandarbh*, in International journal of Research and Analytical Reviews, volume 10, issue 2 April 2023.
- *Bhartatil Durg Sankalpanecha Itihas*, IJNER, UGC Care.
- Monograph on Development of Life Quotients

***Humanitarian Work*** –

- Food served to around 300 people.
- Food and Shelter to animals and birds.
- **Some of our students have been achieved new heights in other fields also such as**:
- Rare Coin Collection and exhibition by Neeraj Satpute (TYBA)
- Abhishek Prasad, Mahesh Vitkar, Abhishek Solunke (FYBA) made real models of historical artifacts and Rutuja Shinde (FYBA) sketches Historical monuments and motifs beautifully and posts them on Instagram. All their works had been showcased at the *Iti- the History Festival* also.
- Yash Giri and Adhish joined in food serving programmes.
- Manali Kompelli of MA Part II, worked at the Raja Kelkar Museum, Pune.
- MA Part II students created research projects on various subjects.

  The Department is proud of its highly talented students who not only excel in academics but also in performing arts, such as -
- Blind student Ananta Tidake (TYBA) performed Tabla and Vocal recitals at various locations. He and another VH student, Rutuja Kharkar (SYBA) who plays the guitar and Gaurav Malak (SYBA) performed at the *Iti – the History Festival* also.
- Students such as Niharika Malpekar (TYBA), Sharvari Hilekar, Anushka Dighekar, Angha Joshi (FYBA Division K) and Sai Malvarkar (FYBA Division L) performed beautiful dances not only in the *Iti – the History Festival*, but also have performed at various occasions and locations across Pune.
- Students such as Namrata Wadile & Vaishnavi Thombare (FYBA) have performed at several gatherings; and Pranav Dhokare, Swarupa Mulik, Chaitanya Deshpande (SYBA) and Shubham Swami (FYBA) perform the *Powada* at various festivals.
- Neha Vadhe (FYBA) has won the hearts of many through her melodious flute recitals.

  The Department is highly proud of its student achievers as they are the shining stars of our department and the future.

**- Dr. Rajesh Kulkarni**

Head, Dept. of History

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**PART A**

**DIQAC Composition and Activities**

For the departments having **less than 3** staff members :
Department Name: Marathi

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | | HoD and Chairperson of DIQAC | 8806038475 | hodmarathi@moderncollegepune.edu.in |
| 2 | | Member 1 | | |
| 3 | | Member2 | | |

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students [ ] Alumni [ ] Others [ ]

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [ ] International [ ] National [ ] State [ ] Institution Level [ ]

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | | | | |
| UG | | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| 1.3.2 Field Projects / Internships under taken during the year |
|---|

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** |
|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) |

2.1 Total No. of permanent faculty

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

| **2.4.2 Honours and recognitions received by teachers** *(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )* |
|---|

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | | |
| Presented papers | | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | | | | |
| Technical Staff | | | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| 3.3.1 Incentive to the teachers who receive recognition/awards |
|---|

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

*Please provide the information in following format as annexure*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year |
|---|

| 3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index |
|---|

| 3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science) |
|---|

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given below as annexure*

| 3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year | |
|---|---|
| Department | No. of publication |

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : |
|---|

| **3.5 Collaborations** |
|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| | | | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, category as annexure*

| No | % |
|---|---|
| | |

Men

| No | % |
|---|---|
| | |

Women

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

8. **Plans of Department for next year**

*Name 1:* *Name :*

*Name 2 :*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

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# Department of Political Science

**PART A**

**DIQAC Composition and Activities**

Department Name: Political Science

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. D. L. Khokale | HoD and Chairperson of DIQAC | 9822118690 | Hodpoliticalsci@moderncollegepune.edu.in |
| 2 | Prof. Haridas Jadhav | Member 1 | 9096325522 | jadhavpoliticalsci@moderncollegepune.edu.in |
| 3 | Prof. T. A. Inamdar | Member2 | 7385325080 | inamdarpoliticalsci@moderncollegepune.edu.in |
| | Prof. Shruti Gujar | Member 3 | 9028950200 | shrutigujar@gmail.com |
| | Prof. Trupti Dhumal | Member 4 | 7378621994 | Dhumaltrupti03@gmail.com |
| | Prof. Namrata Jahagirdar | Member 5 | 8999721731 | nnjahagirdar@gmail.com |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students [ ] Alumni [2] Others [ ]

2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [ ] International [ ] National [ ] State [ ] Institution Level [ ]

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 1 | 0 | 0 | 0 |
| UG | 1 | 0 | 0 | 0 |
| PG Diploma | | | | |
| Advanced Diploma | | | | |

| | | | | |
|---|---|---|---|---|
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |

| | | | | |
|---|---|---|---|---|
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

–1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - 0

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers usingICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 5 | 5 | 5 | 5 | 5 | 5 |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 1 | 1 | 0 | 0 | |

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty | 1 | | |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:
*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students | 75% |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year
*Please provide the information in following formatas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. | | Chapters in Edited Books | |

ii) Without ISBN No. | |

*Please provide the list of books authored by staff members in the format given belowas annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department
*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons
*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

*Please provide the scan copies of the certificatesas annexure*

3.18Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

(b) No. of students outside the state

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, categoryas annexure*

| No | % |
|---|---|
| | |

Men

| No | % |
|---|---|
| | |

Women

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related lettersas annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

8.**Plans of Department for next year**

*Name 1: Prof. Haridas Jadhav* *Name : Prof. D. L. Khokale*

*Name 2 : Prof. T. A. Inamdar*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

- The Department of Political Science was newly inaugurated with advanced infrastructure at the hands of honorable Principal Dr. R. S. Zunjarrao.
- Annual fest of the Department of Political Science was organized wherein numerous activities were conducted such as G-20.

**Achievements of Faculty Members**

**Prof. D. L. Khokale**

- Published a paper titled '[illegible] Issue NO, 31 Volume 11 ISSN: 2347-9639 January- April, 2023
- Published a paper titled 'Anti-defection law and Democratic spirit of Indian Politics' Issue no, LXV Volume 1, Impact factor- 7.479 ISSN: 2454-7905, World wide international interdisciplinary research journal.

**Prof. H. A. Jadhav**

- Published a paper titled '- '[illegible] (Look East Policy) '[illegible] (Act East Policy) [illegible] Impact factor 7.328 Volume 12 No. 2 ISSN: 2347-7075 November- December 2022.

**Prof. T.A. Inamdar**

- Authored a book on "Western Political Thought" for the SYBA students published by Vikas Publishing House PVT LTD, Savitribai Phule Pune University, Pune
- Published a paper titled 'The Role of Media in Shaping Political Attitudes: A Comprehensive Review.

**Prof. Kalpesh Patkar**

- Published a paper titled 'Anti-Defection Law and Democratic Spirit of Indian Politics' Ed. by Prof. Pallavi Laxman Shete, Worldwide International Interdisciplinary Research Journal - A Peer Reviewed Referred, ISSN: 2454-7905, Vol. I - ISSUE – LXV SJIF Impact Factor: 7.479 July 2022
- The Russian Saga – A Geopolitical Standpoint (VEETHIKA-An International Interdisciplinary Research Journal, E-ISSN: 2454-342x, A Double-Blind Peer Reviewed Journal, with impact factor- social I2OR (6.00)
- The Rise of New Bourgeoise and New Proletariat in Higher Education of India. Ed. by Dr. Prakasha N, Associate Professor & Dr. Amit Mirji, Worldwide International Interdisciplinary Research Journal - A Peer Reviewed Referred, ISSN: 2454-7905, Vol. I ISSUE - LXXI Year – 8th Sept. 2022 SJIF Impact Factor: 7.479 September 2022

**Achievements of Students**

**Radha Wadetwar (TYBA)**

Won Best Opposition Leader medal in Mock Parliament Competition conducted by H. V. Desai College, Pune

**Samiksha Besekar (FYBA- L)**

Won Outstanding Leader medal in Youth Parliament Competition conducted by Modern Law College, Pune

**Neha Nabaria (TYBA)**

Won Best Leader prize of Rs. 15000 in Youth Parliament Competition conducted by Modern Law College, Pune

**- Prof. D. L. Khokale**
Head, Dept. of Political Science

# Department of Psychology

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Amruta S. Oke | HoD and Chairperson of DIQAC | 9822450723 | hodpsychology@moderncollegepune.edu.in |
| 2 | Dr. Vijaya Jagtap | Member 1 | 9960228414 | jagtappsychology@moderncollegepune.edu.in |
| 3 | Dr. Shradha Sakatkar | Member2 | 9604890461 | sakatkarpsychology@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: NA No.

Faculty 04

Non-Teaching Staff Students 06 Alumni 00 Others 00

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department- NA

Total Nos. 0 International 0 National 0 State 0 Institution Level 0

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Poster presentation and Short film screening **on** 13th May 2022, 10 AM

2. Parivartan trust awareness session for mental health on 23rd August 2022

3. Interview with Sport Psychologist Gayatri Vartak on 29th August 2022

4. Program for International Suicide Prevention Day on 10th September 2022

5. Visit to Dene samajache on 9th October2022.

6. World Mental Health Day Celebration on 10th October 2022.

7. Soft Skill Training for U. G. Psychology students on 23rd November 2022

8. A lecture on Career opportunities in social sector by Indian school of Development management on 9th January 2023

9. Antarang Psychology fest on 20th January 2023

10. Lecture and orientation about De-addiction and rehabilitation by Santulan rehabilitation center on 21st February 2023

11. Lecture by Edwise International Abroad Education on February 2023

12. Co Counseling Camp conducted by M.A. II students for the neighborhood community on 21st and 22nd February 2023

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 1 | | | |
| UG | 1 | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | SODL 2 | | | |
| **Total** | 04 | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year – 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year NA

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **M.A. II -34** | **M.A. I and II -79**<br>**B.A. -58** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 01 | 01 | | | |

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty | 07 | | |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended | | | 02 |
| Presented | | | 02 |
| Resource Persons | | | |

- Ms.Smita Vaidya, Presented research paper titled "Study skills, Psychological wellbeing, and Adjustment: A comparative study of Hostelite and Non- hostelite college students" and Won first prize in paper presentation competition for professors , at 'Marathi Manasshastra Parishad conducted on 3rd and 4th February at Khemraj Pancham Mahavidyalay, Sawantwadi.
- Mrs. Aaditi Khare Presented research paper titled "a study of gender differences in stress, Core Self Evaluations and Psychological Well-being of College Students post covid-19 Pandemic at 'Marathi Manasshastra Parishad conducted on 3rd and 4th February at Khemraj Pancham Mahavidyalay, Sawantwadi.

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/ Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students | 80 |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 01 | | | 01 |
| Technical Staff | | | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year : NA

3.2.3 - Number of teachers recognised as research guides : NA

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution
Yuva Sanshodhan Research Competition :

Students of MA Part II Judith Botellho, Sanika Shirodkar, Deveshree Bhagwatkar, Ganesh Pawar, Ketki Zemse and Abhidnya Girme participated in Yuva Sanshodhan Research Competition. Students also won prizes for their research. Ms. Smita Vaidya took initiative for this program.

3.2 Details regarding major projects: NA
3.3 Details regarding minor projects: NA

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 4 | | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | | |

*Please provide the information in following format as annexure*

- Dr. Shradha Sakatkar's Research paper published in *The International Journal of Indian Psychology( with double blind peer reviewed certificate.* Titled-' The effect of music intervention on the stress and anger levels of college students'.
- Dr. Shradha Sakatkar's A comparative study between covid-19 sufferers and non covid - 19 sufferers in relation to their wellbeing and Adjustment in **Journal:** Aarhat Multidisciplinary International Education Research Journal (AMIERJ)
- Mr. Shubahm Sherekar Published a research paper in Indian Journal of Health and Wellbeing titled "Fear of Missing Out, Narcissism, Emotional Regulation, and Social Networking Addiction among Social Networking Users." In June 2022.
- Mr. Shubahm Sherekar Published a research paper in International Journal of Research titled "Family Relationship, Neuroticism and Psychoticism among Male Juvenile Delinquents and Non-delinquents" In June 2022.

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Dr. Shradha Sakatkar | The effect of music intervention on the stress and anger levels of college students'. | *The International Journal of Indian Psychology* | | |

*Please provide scan copies of the papers published as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given below as annexure*

Name of the Author: Dr. Amruta S. Oke , Sunil P. Ujagare, Dr. Gauri M. Kulkarni

Title of Book Published : 'Principles and Practices of Management and Organizational Behaviour'.

Year and Month of Publication: April 2023

ISSN/ISBN Number of Book: 978-81-19115-44-0

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Name of the Author: Dr. Amruta S. Oke , Sunil P. Ujagare, Dr. Gauri M. Kulkarni

Title of Book Published : 'Principles and Practices of Management and Organizational Behaviour'.

Year and Month of Publication: April 2023

ISSN/ISBN Number of Book: 978-81-19115-44-0

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

| Sr. No. | Name of the Institution | Type of Linkage (International / National / Other) | Area / Details |
|---|---|---|---|
| 1 | Parivartan trust | (Local) | Community well-being, Internship to students |
| 2 | Indian school of Development management (ISDM) | (National) | Career guidance |
| 3 | Santulan rehabilitation center | Local | Internship to students |
| 4 | Edwise International | International | Career guidance |
| 5. | Kings College, London | International | Career guidance |

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

| Total | International | National | State | University |
|---|---|---|---|---|
| Sr. No. | Name of the Staff Member Smita Vaidya | Name of the Award Best Paper presentation award for professors | Given by Marathi Manas shastra Parishad | International/ National/ State/ University/ Other At Marathi Manasshastra Parishad conducted on 3rd and 4th February at Khemraj Pancham Mahavidyalay, Sawantwadi. |

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | | | |
| Presented papers | | 02 | | |
| Resource Persons | | | | |

| **3.5 Collaborations** |
|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 11 | | 13 | | | | | | |
| Added | | | | | | | | | |
| Total | | | | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 58 | 79 | | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, category as annexure*

| No | % |
|---|---|
| | |

Men

| No | % |
|---|---|
| | |

Women

5.2.1 - Number of outgoing students who got placement during the year
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| Registration number/ Roll number for the exam | Names of students selected/ qualified | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NET | IIT-JAM | SLET/ SET | JRF | GATE | GMAT | CAT | GRE | JAM | IELTS | TOEFL | Civil Services | State government examinations | Other examinations conducted by the State / Central Government Agencies (Specify) |
| | 1 | | 2 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year
*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

13. Soft Skills
14. Language and Communication Skills
15. Life Skills (Yoga, Physical fitness, Health and Hygiene)
16. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | Poster presentation | | Departmental level | |
| 2 | Short film screening | | Departmental level | |
| 3 | Interview with Sport Psychologist Gayatri Vartak | | Departmental level | |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

Updated syllabus according to the need of current trends NEP

6.3.2 Teaching and Learning

6.3.3 Examination and Evaluation

6.3.4 Research and Development

6.3.5 Library, ICT and physical infrastructure / instrumentation

All students and teachers got NList membership

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

Donation of books, arranging visits to institutes in which they are working

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

**1. Library orientation for research students**

**2. Classroom discussions on current issues**

**3. Students are selected strictly on merit basis for U.G. and P.G. level**

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

Strength:

- Competent, dynamic and approachable faculty members,
- Internet-enabled department,
- Ample co- curricular activities with emphasis on practical skills and applications
- Developed strong alumni association.
- Placement ratio is good. 4 time more applications received for P.G. program than the intake capacity So Intake capacity is fully utilized.
- At U.G. level, admissions are given on the basis of merit and for P.G entrance exam is conducted.
- Passing percentage is reaching nearly 100%.

- Well-appreciated activities of the Department are Counseling camp for neibourhood community and Screening of psychological wellness for all first year graduation students

Weaknesses:

- Some of the students admitted having average marks and from lower socio-economic Background,
- Inadequate space for conducting activities,
- Lack of permanent non -grant faculty forU.G & P.G ,
- Documentation needs to be improved.
- Less no.of seminars and conferences were organized.
- **OPPORTUNITIES**
- Faculty get the opportunity to active participation in syllabus revision of Fergusson College & St. Meera's college, Pune.
- Due to autonomy, all faculty members are involved in syllabus revision of F.Y & S.Y.B.A. and M.A Part I & II.
- Hi-Tech facilities like licensed copy of SPSS-23; Internet; Digital library,
- Staff encouraged to participate and present papers in seminars and work-shops.
- **CHALLENGES**
- Students having average marks
- students from diverse backgrounds
- students from lower socio-economic background, etc.
- Facing Autonomy
- student -teacher ratio is imbalanced.

8. **Plans of Department for next year**

- Research Centre
- Diploma Course in Sports Psychology
- PET/ NET/SET Guidance centre

The Department of Psychology has conducted various activities in the academic year 2022-23.

- Parivartan trust conducted an orientation session for undergraduate psychology students on 23rd August 2022, to create awareness about the importance of mental health and eradication of stigma with respect to psychological illnesses. Parivartan trust also guided students to provide first aid or primary help to people suffering from psychological problems. Students were appealed and selected to work as 'Manas Mitra' as a peer helper. Also further sessions were conducted for their training.
- In an inauguration program of Psychology Club on 29th August 2022, Students organized an interview of Ms. Gayatri Vartak, sports psychologist of the Indian table tennis team in Tokyo Olympics, who is also an Alumnus of the Psychology Department. More than 100 U.G. and P.G. students attended this program.
- 10th September is celebrated as International suicide prevention day. On that occasion, S.Y. B.A. and T.Y.B.A. students participated in debate on the topic "Is suicide a punishable offence? Students came up with various ideas and solutions towards suicide prevention. More than 60 undergraduate students participated in the debate. Mrs. Aaditi Khare and Ms. Rashmi Kadam took initiative in conducting this program.
- T.Y.B.A and M.A. II students of the psychology department visited the exhibition "DENE Samajache" on 9th October2022. Various NGOs had their stalls displaying their social work. Students took information and few students also registered their names as volunteers for some organizations.
- 10th October is celebrated as World Mental Health day. The World Health Organization (WHO) decides one theme for this day, which is carried out throughout the year. This year's theme was "Make Mental Health & Well-Being for All a Global Priority" U.G. and P.G. students of the psychology department celebrated this day considering this theme and organized various programs based on this theme. Students presented street play, poster

competition, games based on this theme. Ms. Khushbu Gajbhiye, Mrs. Aaditi Khare, Dr. Vijaya Jagtap and Ms. Rashmi Kadam took initiative in conducting this event.

- Mr. Raj Chirputkar who is an experienced soft skill trainer, conducted a session on internship opportunities for undergraduate psychology students on 23rd November 2022. Mrs. Aaditi Khare took initiative in conducting this program.
- Orientation session was conducted for undergraduate psychology students on 'Careers in the Social Sector' by Indian school of Development management (ISDM) on 9th January 2023; Interactive session to explore career opportunities and to build an understanding of emerging roles in the social sector was conducted. Ms. Rashmi Kadam took initiative in conducting this program.
- Students of psychology celebrated the departmental fest 'Antarang' on 20th January 2023. Students conducted various activities like poster presentation, games, Street play and screening of short films regarding mental health.
- **Counseling Camp:** Like every year the department organized a two day counseling camp on 21st and 22nd February 2023, for the neighborhood community which was open for all. This was the 14th year of the activity. The objective was to give hands on experience for future counselors i.e. MA-II students of the department and to provide help to neighborhood community and college staff and students. Various issues like relationship issues, adjustment problems, academic and career guidance etc were dealt by the students of MA-II, Counseling and Clinical Psychology. During those days some past students also visited and shared their experiences with present students. Dr. Shradha Sakatkar took initiative in organizing this camp.
- Awareness lecture about de-addiction and rehabilitation was arranged for M.A. I and II students on 21st February 2023. Director of 'Santulan rehabilitation Centre', Mr. Dwijen Smart visited and oriented students about the internship in this field. More than 50 students attended this program. Ms. Smita Vaidya took initiative in organizing this program.
- Delegates from Edwise International conducted an insightful session for PG and UG students who are willing to go abroad and pursue further studies in the field of psychology. Students got to learn a lot about the career options in psychology and they received clarity about the scholarships and funding. Ms. Uma Desai took initiative in organizing this program
- Professors from Kings College, London delivered a wonderful lecture about neuropsychology and emerging fields in the same. This workshop was conducted by IDP International, Pune for our U.G and P.G students.
- Our B.A. and M.A. students got the opportunity to complete internships in various institutions like Muktangan De-addiction Centre, Yerawada mental hospital, various schools, N.G.O's. Students worked in such institutes for 15 days and got hands-on experience.

**Staff Achievements**

**Dr. Amruta S Oke:**

- Attended and worked as an organizing committee member for the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.
- Wrote the script for video lectures for Swayam online General Psychology MOOC Course for SYBA

**Dr. Vijaya Jagtap:**

- Attended and worked as an organizing committee member for the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.

**Ms. Smita Vaidya :**

- Delivered a lecture on 'Stress leads to bad decisions. How to avoid or overcome them.' For Modern College of Engineering on 10th Oct 2022
- Published article in Marathi magazine Manokalpa (Diwali Anka) □□□ □□□□ □□ □□□□□□ □□□'' in October 2022.
- Presented research paper titled "Study skills, Psychological well being, and Adjustment: A comparative study of Hostelite and Non- hostelite college students" and Won first prize in paper presentation competition for professors , at 'Marathi Manasshastra Parishad conducted on 3rd and 4th February at Khemraj Pancham Mahavidyalay, Sawantwadi.
- Attended 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.
- Recorded video lectures for Swayam online General Psychology Mooc course for SYBA, which is going to launch in June 2023.

**Dr. Shradha Sakatkar**

- Coordinated MOOC SWAYAM course approved by UGC for SYBA General Psychology**.** Recorded video lectures for the same.
- Attended a workshop on 'Value of Art in education' organized By MSFDA
- Invited as a resource person for Savitribai Phule Pune University And Dhruv Educational and Research Foundation Certificate Course in Inclusive Education on the Topic- Physical, motor, intellectual Development across lifespan.
- Invited as Orator to the Careers in Psychology event by Mind flow institute Topic "Career in Counseling Psychology.
- Conducted group counseling sessions for engineering students. Organized by Modern College of Engineering. Topic- "Building the Emotional Intelligence of Groups"
- Invited as a resource person for a soft skill program – topic- Emotional Intelligence and Study Skills.
- Research paper published in *The International Journal of Indian Psychology (with double blind peer reviewed certificate.* Titled-' The effect of music intervention on the stress and anger levels of college students'.
- Attended and worked as an organizing committee member for the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.

**Mrs. Aaditi Khare-**

- Wrote articles on 'Importance of Emotions' and Introduction to Positive Psychology in 'Think Positive' magazine.
- Worked as organizing committee member of Marathi Social Media Sammelan held in SPPU in June 2022.
- Presented research paper titled "A Study of Gender Differences in Stress, Core Self Evaluations and Psychological Well-being of College Students post Covid-19 Pandemic" at 'Marathi Manasshastra Parishad conducted on 3rd and 4th February 2023 at Khemraj Pancham Mahavidyalay, Sawantwadi.

- Recorded video lectures for Swayam online General Psychology Mooc course for SYBA
- Attended the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.

**Mr. Shubham Sherekar –**

- Published a research paper in an Indian Journal of Health and Wellbeing titled "Fear of Missing Out, Narcissism, Emotional Regulation, and Social Networking Addiction among Social Networking Users." in June 2022.
- Published a research paper in an International Journal of Research titled "Family Relationship, Neuroticism and Psychoticism among Male Juvenile Delinquents and Non-delinquents" in June 2022.
- Attended the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.
- Recorded video lectures for Swayam online General Psychology Mooc course for SYBA

**Ms. Khusbu Gajbhiye** –

- Was admitted for the PhD programme (SPPU)
- Attended the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.

**Ms. Rashmi kadam** –

- Was admitted for the PhD programme (SPPU)
- Attended the 2 day seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.

**Ms. Uma Desai**-

- Conducted a seminar for skill development through the Institute of Holistic Healing India.
- Conducted Soft Skills sessions at IOIT College at AISSMS.
- Conducted counseling sessions in college as well as in my private practice.
- Attended 2 days seminar on new National Education Policy conducted at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 on 14th and 15th February, 2023.
- Recorded video lectures for Swayam online General Psychology Mooc course for SYBA.

**- Dr. Amruta S. Oke**
Head, Dept. of Psychology

# Department of Animation

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Anjali Sardesai | HoD, VP Academics, Chairperson of DIQAC | 9325382444 | hodanimation@moderncollegepune.edu.in |
| 2 | Sameer Nerlekar | Assistant professor | 9921052166 | nerlekaranimation@moderncollegepune.edu.in |
| 3 | Hari Pagire | Assistant professor | 9890505623 | pagireanimation@moderncollegepune.edu.in |
| 4 | Anuja Vitthal Gaikwad | Assistant professor | 8600442562 | gaikwadanimation@moderncollegepune.edu.in |
| 5 | Shraddha Patil | Assistant professor | 9767099744 | patilanimation@moderncollegepune.edu.in |
| 6 | Dishant Mistry | Assistant professor | 7057843370 | mistryanimation@moderncollegepune.in |
| 7 | Atharva Chavan | Assistant professor | 7823045088 | chavananimation@moderncollegepune.edu.in |
| 8 | Suraj Waghchaure | Assistant professor | 9765444706 | waghchauresuraj28@gmail.com |
| 9 | Sai Dumbre | Assistant professor | 8983368414 | dumbreanimation@moderncollegepune.edu.in |
| 10 | Mayuri Patil | Assistant professor | | |
| 11 | Gaurav Nalavde | Lab Attendant | 9527272273 | |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Focal Point : For the seminar, two lectures had been finalized. Prof.Atharva Chavan invited Mayuresh Joshi, who is a renowned Cinematographer and spoke on How aperture and ISO works, how a photo should be captured and read. For the second session, Prof.Sameer Nerlekar invited Mahesh Gaikwad Sir who is a renowned photographer and industry expert. He spoke on the introduction to photography, basics of camera, camera equipment, lights used in photography.

IPR Cyber Security webinar : PR and Cyber Security online webinar was arranged by Department of Animation, Modern College, Pune 5 in association with IIC on Wednesday 30th March 2022 at 11:00 am to 1:00 pm.

The objective of this Webinar was to make students aware about Intellectual Property Rights and Cyber Security.

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. 2d Workshop
2. Science Day Competitions
3. AURA exhibition
4. IPR Cyber Security webinar
5. Parents Meet
6. Clay Modelling

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | | 1 | | |
| UG | 2 | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | 2 | 1 | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year - 3

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** |
|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) |

2.1 Total No. of permanent faculty

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 4 | | | | | | | | 4 | |

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)*

2.5 Faculty participation in conferences and symposia:

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/ Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | |
| UGC – Faculty Improvement Programme | |
| HRD programmes | |
| Orientation programmes | |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | |
| Summer / Winter schools, Workshops, etc. | |
| Others | 4 |

2.14 Details of Administrative and Technical staff

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution ?/If not,when did he/she leave the institution ?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr. Anjali Sardesai | M.C.S , Ph>D, NET,SET | Yes | 2020 | yes | | | |

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

*Please provide the information in following format as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters received as annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

| **3.5 Collaborations** | | | | |
|---|---|---|---|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | | |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | | |
| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration **(From-To)** | Participant |
| Internship | | Akin vision | April- May | Siddhant Ubale |
| Internship | | Akin vision | April- May | Heramb Joshi |
| Internship | | Akin vision | April- May | Pushkar Gade |
| Internship | | Akin vision | April- May | Salim Sheikh |

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 25 | 2 | All pcs | | | 1 | | 50mbps | |
| Added | | | | | | | | | |
| Total | 25 | 2 | All pcs | | | | | 50mbps | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 170 | 5 | | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, category as annexure*

| Men | No | % | Women |
|---|---|---|---|
| | | | |
| | No | % | |
| | | | |

5.2.1 - Number of outgoing students who got placement during the year

| **Name of student placed with his/her contact details** | **Programme completed** | **Name of the employer with contact details** | **Pay package at the time of appointment** |
|---|---|---|---|
| **Aniruddha Gorade** | **Bsc Animation** | **Tata Elxsi** | **25K Per Month** |
| **Pratiksha Masane** | **Bsc Animation** | **Tata Elxsi** | **25K Per Month** |

| *On campus* | | | *Off Campus* |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 1 | 8 | 1 | 2 |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1. | AURA | Exhibition | University | Aura, a one day exhibition on the theme of Harry Potter. |
| 2. | Focal Point | Exhibition | University | Photography competition and exhibition |
| 3 | Sketchers | Exhibition | College | A weekly drawing initiative by students. |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

Regular BoS meetings are conducted with a panel of industry experts and respected teachers to make sure the curriculum is up to date with the trends.

6.3.2 Teaching and Learning

6.3.3 Examination and Evaluation

6.3.4 Research and Development

Several competitions , seminars and workshops are organized to keep the students engaged with their creativity and knowledge. Students are encouraged to go out and make documentary projects , experiment with new and old forms of art.

6.3.5 Library, ICT and physical infrastructure / instrumentation

All computers have significant access to the internet . Multiple books regarding the softwares are available. As well as a new lot of books were made available regarding drawing , film appreciation and media practices.

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

4 new staff members were recruited : Atharva Chavan , Suraj Waghchaure, Sai Dumbre , Mayuri Patil for Graphics, VFX and Computer programming related subjects.

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

8. **<u>Plans of Department for next year</u>**

The Department of animation plans to shift to its department in the new building in the next academic year. As NEP was implemented this academic year, the department will work efficiently to align the programmes with the new guidelines and make them more efficient, effective and value-rich. With a wider and better infrastructure , the department will make sure it fuels the students with more knowledge and skills. The department shall develop the courses to be more output and research oriented. The placement committee aims to bring more organizations on board for job opportunities and orientation programmes. The department will nurture its two festivals i.e Aura and Focal Point as well as make sure many more workshops and seminars are conducted.

The Indian Animation Industry encompasses traditional 2D animation, 3D animation and visual effects for feature films. Now-a-days Animation has huge demand in E-content Development, Film, Gaming industry, Web and in Advertising Industry. There are many reasons behind this increasing demand for Indian studios worldwide. The need of an hour is excellence in every field of operation and particularly “Information Technology ”. Realizing this need, the Department of Animation, Modern College, Pune-05 is engaged in molding tomorrow’s information and communication technologists and animators today. The current era is a technology era which must get influenced in fields like education, teaching and learning. Use of technology in teaching pedagogy, online teaching, e-learning process, e-content development are the key areas which are nowadays promoted by Govt.of India through MHRD’s MOOC and SWAYAM courses. Development of e-content and thereby promoting virtual classroom approach is the objective of the college management.

**Establishment of the Department**

The Department of Animation is established in the Academic Year 2019-20 as a separate Department. Initially it was under the Department of Computer Science. The course run by the

department is B.Sc. Animation which is a 3 years degree course started by SavitribaiPhule Pune University in the Academic Year 2012-13 and in Modern College in the year 2013-14.

Since the first batch passed out of B.Sc. Animation, it's a history to achieve 100% result till academic year 2018-19. Under autonomous status the department has also started M.Sc. Animation course from the current academic year 2022-23. The Department of Animation, Modern College is the pioneer to start an Msc in Animation Course under the SavitribaiPhule Pune University. UGC NSDC had sanctioned B.Voc. Animator (3D Animation and VFX), 3 years degree course which started from Academic Year 2021-22. This year SavitribaiPhule Pune University also granted approval to both Msc in Animation and BVoc Animator . Department also launched a Graphic Designing and Animation (GDA) certificate course and teacher's training course. The intention of running these courses is to bridge the gap between Industry and academics and to produce skilled manpower required for the Animation Industry by giving relevant knowledge and practical experience to the students.

The department is well equipped with modern facilities and tools required for the animation studies. It includes two computer labs and one VFX studio. All the staff members are qualified and experienced in their subjects. Along with the teaching they also participate in various off-campus industrial and educational activities. MOUs have been created with Sharkfinn Studios, Pune and Padhega Bharat scheme to develop industrial relationships for the benefit of the students. The department also conducted an online art competition in the lockdown period. The students opt for our center with highest priority. As a result, the students of Modern College, Shivajinagar, Pune-5 are at the forefront in the Animation field. During their graduate studies they undertake the projects which are relevant to the current Industrial needs. These projects have helped students to apply their theoretical knowledge to the real life situation. They develop a portfolio to showcase their expertise gained in three years of degree course. Through practical demonstrations, Guest Lectures, Group Discussions etc, we bring the latest in Animation technology to our students. Co-curricular activities sharpen their minds and other skills that help in overall development.

We have a dedicated team of teachers, experts and well equipped laboratories. The young and highly qualified team of faculty members spare no efforts to keep the students well motivated and in updating their knowledge, creativity and skills. The students are also reciprocated by their high achievements in academic performance.

**Technical Support**

The Department of Animation provides technical support to the various events and programs carried out throughout the year. This includes audio-visual presentation, live video coverage through the Modern Media Station Youtube channel and other technical assistance to broadcast all the events organized in the college.

**E-content Development Cell**

For creation, development and deployment of the in-house e-content, the department of Animation has started E-content Development Cell with etiquette infrastructure facilities. Under this activity the college has started its own YouTube channel- Modern Media Station for live broadcasting the academic events conducted in the college campus and online delivery of college notices and lectures. These Courses called MOOC (Massive Open Online Courses) are developed by teachers who are experts in their field and the editing of this content is done by the Animation department. Then these developed e-content is distributed through the medium of Youtube. The exam conduction as well as the mark allotment for these courses is also done at the Animation Department under the guidance of our HOD and Vice Principal Dr.AnjaliSardesai.

**Departmental Academic and Administrative Audit**

The departmental academic and administrative audit was carried out in the department of animation on 28th January 2023. Prof.Tahir Tanveer, HOD Animation, Film and television Institute of India was an auditor and expert for this session. On this occasion HOD Dr. Anjali Sardesai welcomed and felicitated Prof. Tahir Tanveer and addressed her speech. Prof. Sameer Nerlekar presented various departmental activities and information. All the staff members introduced themselves to the Honourable Auditor. Prof.Tahir Tanveer guided the staff members regarding the overall development of the department and gave his respective feedback. Prof. Sai Dumbre delivered a vote of thanks.

**FOCAL POINT**

The department of animation started a new festival named Focal Point, which celebrates expression through the visual medium such as photography, cinematography and shadowplay. The festival took place on 24th and 25th August. Many students , from animation and other courses as well took part in the photography competition. The students from FY Bsc animation put up a shadow puppetry show which received an overwhelming response. All shortlisted entries for the photography competition were displayed around the assembly hall. The students from FY BVoc Animator put up different models on the topic ' Evolution of Camera '. Apart from the activities and exhibition , two seminars were also organized for the students, which had a great reception from the students and turned out to be very informative and interactive. Overall the students had a great time and learned a good couple of things.

**AURA**

Aura is a creative exhibition hosted by the animation department for animation students to display their creativity through paintings, models and photos. This year, the theme of AURA as decided by the kids was ' Nostalgia '. From retro games to the good old cartoons, from old school movies to the contemporary, the artworks covered in all the above. The students created large scale models of shinchan and pikachu to be taken photos with. They created different selfie points which received a good response from the viewers. For the inauguration of the event, we had invited ChetanChawda , who is a renowned actor and filmmaker as a chief guest.

**KARTIKEYA RINDANI Memorial Event**

The Department of Animation collaborated with the Department of computer science, Co-organized the annual KartikeyaRindani Memorial Event. The event took place on 2nd, 3rd and 4th of February, 2023. The event started with the screening of Short films received for the short film competition, followed by a programming competition on 3rd and a Techno-quiz on the 4th. A group of students from T.Y.Bsc Animation won First prize in the Quiz Competition. The event ended with a cultural program with performances from various students in various categories like dance, music, drama etc.

**MOOC Courses**

The Department of Animation has developed following MOOC courses for e-content Development Cell of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 5 as a part of Autonomous syllabus for Second Year UG students and Part 2 PG students.

- Democracy, Election and Governance
- Tally
- Legal Awareness and Managerial Skills
- Introduction to Constitution
- Fundamentals of music
- Communication English and Value Education
- Modern Indian Languages:Hindi
- Modern Indian Languages:Marathi
- Cyber Security

All the work of Video making, Editing, Scheduling and Uploading was carried out by the staff members of the Department.

**Placement Drive and Brochure**

In the academic year 2022-23 the Department of Animation took initiative for the placement of TY B.Sc. Animation students. From the initiative of Prof.SameerNerlekar, a placement brochure called ' FLEDGELINGS ' for TY BSc students was created. Students from TY designed the front cover themselves. Many companies and Studios like Akin Vision Studio, Hans Creation, Excellencia and Media Midas came forward to provide internship programs and jobs to the students.

**Staff Achievements**

**Prof. Dr. Anjali Sardesai**

- Invited as a Speaker in Anantrao Thopte College, Bhor for a NAAC SSR Preparation Workshop and NAAC peer team visit guidance
- Conducted AAA for MIBM, Pune
- Chairperson of B.Voc (Science and Technology BOS),SPPU.
- Published three poems in various publications.

**Prof. Sameer Nerlekar**

- Designed book covers for various inhouse publications.
- Worked as a technical coordinator for the Vasant VyakhyanMala festival organized at Modern college, Nigdi.
- Provided technical support to various programs of the college and P.E society.
- Co-ordinated the short film competition for KartikeyaRindani Memorial Event.
- Worked as a coordinator for the National Conference on NEP 2020

**Prof. Hari Pagire**

- Created MOOCs courses for BhartiyaVidyapeeth
- Provided technical support to various programs of the college and P.E society.
- Co-ordinated the short film competition for KartikeyaRindani Memorial Event.

**Prof. Anuja Gaikwad**

- Appointed as a program officer for the National Service Scheme.
- Worked as a Volunteer for the National Conference on NEP 2020.
- Contributed in handling MOOCs courses.
- Worked as a Volunteer for the Kartikeya Rindani Annual Event.

**Prof. Shraddha Patil**

- Worked as a Coordinator for the Cultural Program of Kartikeya Rindani Annual Event.
- Contributed in handling MOOCs courses.
- Worked as a Volunteer for the National Conference on NEP 2020.
- Attended the 21st annual Pune International Film festival.

**Prof. Dishant Mistry**

- Worked as a Coordinator for the Cultural Program of Kartikeya Rindani Annual Event.
- Coordinated the Focal Point festival hosted by the department of animation.
- Attended the 21st annual Pune International Film festival.
- Judged various competitions held during the Art Week.
- Invited as a guest performer for a poetry book launch event.
- Worked as a Volunteer for the National Conference on NEP 2020.

**Prof. Atharva Chavan**

- Worked as an editor with T-Series for their upcoming songs.
- Produced a world record feature film called 'The Hungry'.
- Coordinated the Focal Point festival hosted by the department of animation.
- Worked as a Volunteer for the National Conference on NEP 2020.
- Volunteered for the KartikeyaRindani Annual Event.
- Worked as a Volunteer for the Institutional Development plan (IDP)

**Prof. Sai Dumbre**

- Co-ordinated a seminar for the KartikeyaRindani Annual Event.
- Visiting Faculty in Business studies of Modern College, Shivajinagar.
- Worked as a Volunteer for the National Conference on NEP 2020.

**Prof. Suraj Waghchaure**

- Worked as a Volunteer for the National Conference on NEP 2020.
- Volunteered for the KartikeyaRindani Annual Event.
- Was a judge for the Short film Competition at the KartikeyaRindani Annual Event.

**- Dr. Anjali Sardesai**
Head, Dept. of Animation

# Department of Biotechnology

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. MRs. Rama Phadke | HoD and Chairperson of DIQAC | 9763134076 | hodbitoech@moderncollegepune.edu.in |
| 2 | Dr.Sharad Goswami | Member 1 | 9850268884 | goswamibiotech@moderncollegepune.edu.in |
| 3 | Dr.Gauri Nerkar | Member2 | 9042951745 | gaurinerkar@gmail.com |

2.11 No. of meetings with various stakeholders: No. 6 Faculty 2

Non-Teaching Staff Students 2 1 Alumni Others 1

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. | International 2 | National | State 1 | Institution Level 7

(ii) Themes:

1. "Biotech Fest 2022-23" inter-college and Interdepartmental Competitions on 25th-28th Feb 2023
2. Interactive session organized on 3rd November 2022, Thursday of Nobel **Laureate Sir Richard Roberts (Nobel Prize in Medicine 1993, for discovery of "Split Genes in Eukaryotes").**
3. The Department of Biotechnology in collaboration with Department of German had initiated an exchange program with a school in Germany. The exchange was done under the banner of the 'MINT Project' of PASCH with the partner school in Germany called the Johanna Wittum School in a town called Pforzheim. The first phase of this project had completed by teachers and students.
4. The innovation competition "Navinya" was organized to explore the talent among the undergraduate and postgraduate students from 25th-28th Feb 2023
5. Department organized a "Two Days workshop on Germplasm Conservation Using Biotechnology" in association with Board of Students Development, SPPU on 21st -22nd February 2023.

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Interactive session organized on 3rd November 2022, Thursday of Nobel **Laureate Sir Richard Roberts (Nobel Prize in Medicine 1993, for discovery of "Split Genes in Eukaryotes").**
2. **The University of Melbourne** this year also conducted a **"Teachers training program along with Research Camp"**. The University offered the BSc Blended students' opportunity to participate in Biology oriented Research Camp and a teacher development program for the accompanying faculty members. This program was aimed at enhancing delivery of the Blended curriculum and included sessions on science pedagogy and STEM teaching strategy.
   This **Research Camp** was attended by Five students (T.Y. B.Sc. Blended) and two teachers of this course Ms. Divya Mistry (Biology) and Ms. Ankita Nahe (Physics)
3. **The University of Melbourne, Australia** recently launched a Dual **Degree Programme** in India. We are now a member of Australia's very large Indian diaspora.

We are the pioneers of The University of Melbourne's three-year **Bachelor of Science (Blended)** programme. The programme is about to take a next step with the upcoming National Education Policy of our Country. **UoM** is already offering a three-year **Bachelor of Science (Blended)** programme in coordination with our institution back in **2016**, in which the curriculum is co-designed and quality assured by **UoM.**

4. The Department of Biotechnology in collaboration with Department of German had initiated an exchange program with a school in Germany. The exchange was done under the banner of the 'MINT Project' of PASCH with the partner school in Germany called the Johanna Wittum School in a town called Pforzheim. The first phase of this project had completed with great enthusiasm and motivation from the institutes, their teachers and students. 10 students from Modern College studying Science in class 11 (now in class 12) and first year of graduation in Biotechnology (now in the second year) have been assigned with a student partner from the German School. Pertaining to the ongoing Covid19 crisis, the first project was mutually decided to be conducted in an online manner.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 1 | -- | 1 | -- |
| UG | 2 | -- | 2 | -- |
| PG Diploma | -- | -- | -- | -- |
| Advanced Diploma | -- | -- | -- | -- |
| Diploma | -- | -- | -- | -- |
| Certificate | -- | 2 | 2 | 2 |
| Others | -- | -- | -- | -- |
| **Total** | 3 | 2 | 5 | 2 |
| Interdisciplinary | 2 | -- | 2 | 2 |
| Innovative | - | -- | -- | -- |

1.1.2 Number of Programmes where syllabus revision was carried out during the year: 3

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: 2

1.2.1 - Number of new courses introduced across all programmes offered during the year:

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1. Ecology and Environment

2. Biotechnology and Human welfare I

3. Molecular Diagnostics

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| 1. BSc Biotechnology | 43 |
| 2. MSc Biotechnology | 49 |
| 3. BSc Blended | **7** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 13 | 13 | | 2 | 1 | |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 2 | 2 | -- | -- | -- |

2.2 No. of permanent faculty with Ph.D.: 2

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 2 | - | - | - | - | - | - | - | | |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| 6 | 5 | 11 |
|---|---|---|

*Pl. Provide the list of visiting faculty as annexure* **Annexure II**

| **2.4.2 Honours and recognitions received by teachers** *(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )* | | | |
|---|---|---|---|
| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
| 2022-2023 | Mrs.Radhika Oke | Assistant Professor | Research Fellowship Fellowship from Sakal India Foundation, Sakal Papers of Rs. 40,000/- |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 1 | 2 |
| Presented papers | 1 | | |
| Resource Persons | | | 1 |

*Pl. Provide the scan copies of participation certificates as annexure* **Annexure III**

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1. | Dr.Rama Mandar Phadke | Chairperson ,Board of Studies | |
| 2. | Dr.Sharad Goswami | Member, Board of Studies | |
| 3. | Mrs.Radhika Velankar | Member, Board of Studies | |
| 4. | Mrs. Mukta Kothari | Member, Board of Studies | |
| 5. | Mrs.Pallavi Bhorde | Member, Board of Studies | |
| 6. | Dr.Mrs.Sukhada Akole | Member, Board of Studies | |
| 7. | Dr.Mrs. Pooja Thakurdas Sane | Member, Board of Studies | |
| 8. | Ms.Ankita Nahe | Member, Board of Studies | |
| 9. | Ms.Divya Mistry | Member, Board of Studies | |
| 10. | Ms.Kiran Jagtap | Member, Board of Studies | |
| 11. | Dr.Ms. Mukta Nagpurkar | Member, Board of Studies | |

2.10 Average percentage of attendance of students | 80% |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

2.13 Initiatives undertaken towards faculty development by the deartment

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | -- |
| UGC – Faculty Improvement Programme | -- |
| HRD programmes | -- |
| Orientation programmes | -- |
| Faculty exchange programme | -- |
| Staff training conducted by the university | 2 |
| Staff training conducted by other institutions | 2 |
| Summer / Winter schools, Workshops, etc. | 1 |
| Others | - |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 2 | - | - | - |
| Technical Staff | 4 | - | - | - |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

| **Name of the teacher awarded national/ international fellowship/financial support** | **Name of the Award/Fellowship** | **Month and Year of Award** | **Awarding Agency** |
|---|---|---|---|
| Mrs.Radhika Velankar | Research Fellowship | For two years 2022- 2024 | Sakal India Foundation, Sakal Papers |
| | | | |

3.2.3 - Number of teachers recognised as research guides

| Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year | Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining | Whether recognised as a research guide for PhD? | Year of recognition as a Research Guide | Is the teacher still serving the institution?/If not,when did he/she leave the institution? | Name of the scholar | Month and Year of registration of the scholar | PhD Scholar's Title of the Thesis |
|---|---|---|---|---|---|---|---|
| 1. | Dr.Sharad Goswami | Yes | 26-06-2021 | Yes | -- | -- | -- |

| 3.3.1 Incentive to the teachers who receive recognition/awards | | |
|---|---|---|
| State | National | International |
| Rs. 40,000/- to Mrs.Radhika Velankar as research fellowship | -- | -- |

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |
| Department of Biotechnology | 1 |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---|---|---|---|---|
| Number | -- | 1 | -- | -- |
| Outlay in Rs. Lakhs | | 45,00,000/- | | |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---|---|---|---|---|
| Number | - | 1 | -- | -- |
| Outlay in Rs. Lakhs | | 40,000/- | | |

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 4 | 3 | - |
| Non-Peer Review Journals | | | |
| e-Journals | - | - | - |
| Conference proceedings | | | |

*Please provide the information in following format as annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1. | Dr.Mrs. Rama Phadke | "Extraction and application of plant dye in microbial | IJSDR | Dec 2022. | |

| | | | | | |
|---|---|---|---|---|---|
| | | staining" | | | |
| 2. | Mrs. Radhika Velankar | Effect of imidseloprid on germination and biochemical nature of cowpea ( Vigna unguiculata L.walp and sunflower( Helianthus Annnus l.) | Ecology, Environment and Conservation UGC CARE List Group II, ISSN 0971 – 765 | December 2022 issue. | 0.34 |
| 3. | Mrs. Radhika Velankar | | | | |
| 4. | Dr.Sukhada Akole | Preparation of Wine using red bananas. Musa Sapientum and Cavendish banana and determining it's physiochemical characteristics. | International Journal for research trends and innovation. | Dec 2023 Vol.8 Issue 5. | 8.14 |
| 5. | Dr.Sukhada Akole | Acid Base titration using plant extract as natural $P^H$ indicator | Interanational journal of advanced research ideas and innovations in technology | Vol.no.9 issue 2 2023 | 6.078 |
| 6. | Ms.Divya Mistry | Bird species richness trends in urban and semi-urban area in and around Pune City, India | Zoo's Print | Dec 2023 38(3): 17–21. | |
| 7. | Dr.Mukta nagpurkar | Cytotoxicity Assessment in Sesame Leaves Using Human Cancer Cell Lines | Int J Pharm Sci. | 14(2), b1-10 | 8.7 |
| 8. | Dr.Kavita hadavale | An Overview of Molecular Basis and Genetic Modification of Floral Organs Genes: Impact of Next-Generation Sequencing in Molecular Biology), | | 22.12.2022 | |

*Please provide scan copies of the papers published as annexure* **Annexure IV**

| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | |
|---|---|---|---|
| | Department | No. of Publication | Average Impact Factor, if any |
| National | Biotechnology | 1 | |
| International | | | |
| | | | |

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|---|---|---|---|---|
| Major projects | 2 | ISRO | 45,00,000/- | 45,00,000/- |
| Minor Projects | - | - | - | - |
| Interdisciplinary Projects | - | - | - | - |
| Industry sponsored | - | - | - | - |
| Projects sponsored by the University/ College | - | - | - | - |
| Students research projects *(other than compulsory by the University)* | 1 | Modern College, Shivajinagar, Pune-05. | 10,000/- | 10,000/- |
| Any other(Specify) | - | - | - | |
| Total | | | | |

3.7 No. of books published i) With ISBN No. - Chapters in Edited Books -

ii) Without ISBN No. -

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1 | University of Melbourne | International | BSc Blended degree quality assured by University of Melbourne |
| 2 | GreenArray Lab | Others | Collaboration for students internships , projects and visits |

3.14 Details of linkages created during this year

| Sr. No. | Name of the Institution | Type of Linkage (International / National / Other) | Area / Details |
|---|---|---|---|
| 1. | Green Array Laboratories | National | Students project and visits |
| 2. | Agharkar Research Institute | National | Students project |
| 3. | National Chemical laboratory | National | Students project |
| 4. | Indian Institute of Scientific Education and Research | National | Students project |
| 5. | Vasantdada Sugar Institute | National | Students project |
| 6. | Department of Biotechnology, SPPU, Pune | State | Students project |
| 7. | Department of Botany, SPPU, Pune | State | Students project |
| 8. | Department of Zoology, SPPU, Pune | State | Students project |
| 9. | Institute of Biotechnology and Bioinformatics | National | Students project |
| 10. | Operon Labs Ltd. | State | Students project |

*Please provide the scan copies of the related letters as annexure* **Annexure V:**

3.17 No. of patents received this year

| Type of Patent | Name of Staff Members(s) | | Number |
|---|---|---|---|
| National | Dr.Mrs. Rama Phadke | Applied | 202021036810 |
| | | Granted | - |
| International | | Applied | - |
| | | Granted | - |
| Commercialised | | Applied | - |
| | | Granted | - |

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | 1 | | 1 | |
| Presented papers | 1 | | | |
| Resource Persons | | | 2 | |

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of Activity | Participant | Source of financial support | Duration |
|---|---|---|---|
| STEM Teachers Training Program, Workshop and B.Sc. Blended Research Camp | 5 students and 2 staff members | Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05. | 10 days |

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration **(From-To)** | participant |
|---|---|---|---|---|
| For students' projects | | Green Array Laboratories | Academic year 2022-23 | Green Array Laboratories AND Modern College, Shivajinagar,Pune-05. |
| For students' projects | | Agharkar Research Institute | Academic year 2022-23 | Agharkar Research Institute AND Modern College, Shivajinagar, Pune-05. |
| For students' projects | | National Chemical laboratory | Academic year 2022-23 | National Chemical laboratory AND Modern College, |

| | | | | |
|---|---|---|---|---|
| | | | | Shivajinagar, Pune-05. |
| For students' projects | | Indian Institute of Scientific Education and Research | Academic year 2022-23 | Indian Institute of Scientific Education and Research AND Modern College, Shivajinagar, Pune-05. |
| For students' projects | | Vasantdada Sugar Institute | Academic year 2022-23 | Vasantdada Sugar Institute AND Modern College, Shivajinagar, Pune-05. |
| For students' projects | | Department of Biotechnology, SPPU, Pune | Academic year 2022-23 | Department of Biotechnology, SPPU, Pune AND Modern College, Shivajinagar,Pune-05. |
| For students' projects | | Department of Botany, SPPU, Pune | Academic year 2022-23 | Department of Botany, SPPU, Pune AND Modern College, Shivajinagar,Pune-05. |
| For students' projects | | Department of Zoology, SPPU, Pune | Academic year 2022-23 | Department of Zoology, SPPU, Pune AND Modern College, Shivajinagar,Pune-05. |
| For students' projects | | Institute of Biotechnology and Bioinformatics | Academic year 2022-23 | Department of Zoology, SPPU, Pune AND Modern College, Shivajinagar,Pune-05. |

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose and Activities | Number of students/teachers participated under MoUs |
|---|---|---|---|
| Green Array Laboratories | | Students projects and visits | Students: 300<br>Teachers : 12 |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 19 | 1 | yes | 1 | - | - | - | | |
| Added | - | - | | - | - | - | - | | |
| Total | 19 | 1 | | 1 | - | - | - | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services:

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 140 | 100 | - | - |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, category as annexure*

**Annexure VI**

| No | % |
|---|---|
| | |

Men

| No | % |
|---|---|
| | |

Women

5.2.1 - Number of outgoing students who got placement during the year

| **Name of student placed with his/her contact details** | **Programme completed** | **Name of the employer with contact details** | **Pay package at the time of appointment** |
|---|---|---|---|
| Mr.Aditya Varpe | MSc Biotechnology | MJ Biopharm | 1.8 L PA |
| Mr.Prujwal Pawar | MSc Biotechnology | MJ Biopharm | 1.8 L PA |
| Mr.Abhishek Khanzode | MSc Biotechnology | MJ Biopharm | 1.8 L PA |
| Mr.Mahesh Munde | MSc Biotechnology | MJ Biopharm | 1.8 L PA |
| Ms.Lata Bisht | MSc Biotechnology | Bioxia Pvt.Ltd. | 2.0 L PA |
| Ms.Gayatri Pathak | MSc Biotechnology | Green Array Laboratories Pvt.Ltd. | Internship |

| ***On campus*** | | | ***Off Campus*** |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 2 | 50 | 5 | 1 |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) - NIL

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year -NIL

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

17. Soft Skills
18. Language and Communication Skills

19. Life Skills (Yoga, Physical fitness, Health and Hygiene)
20. Awareness of Trends in Technology

| Name of the Capacity Development and Skill Enhancement programme | Year of implementation | Number of students enrolled | Name of the agencies/consultants involved with contact details, if any |
|---|---|---|---|
| Introduction to MS Excel | 2022-23 | 82 | Dr.Sameer Padhye |
| R software | 2022-23 | 24 | Dr.Sameer Padhye |
| | | | |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure* **Annexure VII**

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|---|---|---|---|---|
| 2022-23 | 1. Ms.Divya Mistry<br>2. Ms.Ankita Nahe | "Teachers STEM training program and Research Camp" | University of Melbourne | 70,000/- each towards airfare and visa fees |

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | Dates (from-to) | No. of participants (Teaching staff) | No. of participants (Non-teaching staff) |
|---|---|---|---|---|---|
| | | | | | |

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
|---|---|---|
| Two days National Conference on NEP 2020 at MCASC, Pune-05 | **12** | 14th and 15th February 2023 |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: The Board of studies members for curriculum development includes the representative from alumni and industry which gives remarks based on their experiences in industry. So the feedback from them is useful in construction of syllabus.

1. 6.3.2 Teaching and Learning: Use of ICT in Teaching Learning Process, Innovative Teaching Methods, Innovation in Testing and Evaluation Methods:
   - Power point presentation
   - Online lectures
   - Seminar
   - Assignments
   - Models and Posters
   - E content – Audio and Videos

   6.3.3 Examination and Evaluation: Evaluation of the students by not only conventional methods but we also conduct seminars, give assignments and conduct orals for overall performance evaluation of students.

   6.3.4 Research and Development:
   - We conduct seminars and conferences on national and international levels for encouraging students to improve research culture in the department.
   - We published the first volume of the departmental research journal "BiotechSearch" for publication of students project work and reviews. Review writing is compulsory for MSc II students which we publish in the journal and the research papers based on their project work is also published in the departmental journal.

   6.3.5 Library, ICT and physical infrastructure / instrumentation:
   - College central library has many books available related to Biotechnology subject for which students has access.

   ICT facility:
   - Number of Desktops: 19
   - Number of Laptops: 2
   - Number of LCD Projectors: 4
   - Number of Digital Classrooms: 2
   - Number of Printers:4
   - Number of Scanners:3

   6.3.6 Human Resource Management Department has sufficient teaching and non-teaching staff members. The list of them attached herwith:

| **Name of Staff member** | **Qualification** | **Designation** | **Specialization** | **Date of Joining** | **No. of Ph. D Students Guided for the last4years** |
|---|---|---|---|---|---|
| Dr. Mrs. Rama Phadke ( HOD) | M.Sc., PhD (Biotechnology) SET Life Sciences) | Assistant Professor | Biotechnology | **25 July 2005** | NA |
| Dr.Sharad Goswami | M.Sc. Ph.D. (Botany) | Assistant Professor | Botany | **15 July 2013** | NA |
| Ms.Radhika Oke | M.Sc. (Biotechnology), SET (Life Sciences) | Assistant Professor | Biotechnology, | **16 Augest 2015** | NA |
| Ms.Mukta Patil Kothari | M.Sc. (Biotechnology), SET (Life Sciences), GATE | Assistant Professor | Biotechnology | **2017** | NA |
| Ms.Pallavi Bhorde | M.Sc (Chemistry), GATE, NET | Assistant Professor | Chemistry | **NA** | |
| Dr. Mrs. | MSc Microbiology, | Assistant | Microbiology | **17 June** | NA |

| | | | | | |
|---|---|---|---|---|---|
| Sukhada Akole | Ph.D (Microbiology) | Professor | | **2018** | |
| Dr.Pooja Thakurdas Sane | MSc Biochemistry, Ph.D (Basic Medical Science) | Assistant Professor | Biochemistry | **2nd Dec 2019** | NA |
| Ms.Ankita Nahe | M.Sc Physics,BEd SET ( Physical Sciences) | Assistant Professor | Condense Matter Physics | 15th July 2019 | NA |
| Ms.Divya Mistry | M.Sc Biodiversity | Assistant Professor | Biodiversity | 1 st July 2020 | NA |
| Ms.Kiran Jagtap | M.Sc Biotechnology | Assistant Professor | Biotechnology | 15th July 2021 | NA |
| Dr.Ms. Mukta Nagpurkar | M.Sc Biotechnology PhD Botany | Assistant Professor | Plant Biotechnology | 1 st Aug 2021 | NA |

6.3.7 Faculty and Staff recruitment: Staff members are recruited through proper advertisement and through interviews by selection committee.

6.3.8 Industry Interaction / Collaboration: -

6.3.9 Admission of Students:

1. Admission of FY BSC Biotechnology and Blended students is strictly on the merit basis.

2. Admission to MSc Biotechnology is through entrance examination conducted by the college based on the BSc biotechnology syllabus.

6.11 Activities and support from the Alumni Association:

1. Department has Alumni association and every year we conduct alumni meet. We call alumni from various batched to interact with current students and guide them about the opportunities available for the future.

2. We also conduct the guidance session by these students every year for current students.

6.12 Activities and support from the Parent – Teacher Association:

1. Department every year conducts Parent- Teacher Association meet to give overview of course structure, examination pattern and other activities conducted by the department.

6.13 Development programmes for support staff: NIL

6.14 Initiatives taken by the institution to make the campus eco-friendly: Green Campus initiative

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department:

1. LEARNER-CENTRIC PRACTICES:

- Career Guidance and Counselling: Career guidance for their higher education to students by conducting their interaction to alumni students and experts from the field.
- Placement: We conduct campus interviews for helping the students to get jobs at Private and Public sector organizations.
- Training Programme: We arrange training programs for the Students to develop soft skills and make them employable.

- Short Term Courses: We conduct short term courses with an objective of developing job-skill in demanding sectors of Biotechnology.

7.4 Contribution to environmental awareness / protection:

1. Green campus initiative
2. Reduction in use of plastic in laboratory
3. Recycling of plastic wares in laboratory

7.6 SWOC Analysis of the Department

**Strength:** Qualified enthusiastic and young staff members

**Weakness:** Less space and modern equipments.

**Opportunities:** Strengthening of Research culture and placement of students.

**Challenges:** Space constraints

**4. <u>Plans of Department for next year :</u>**

1. Research Centre in Biotechnology
2. Strengthing campus placement activity
3. Implementation of New education policy

*Name 1: Dr.Sharad Goswami* *Name : Dr.Mrs. Rama Phadke*

*Name 2 : Dr.Gauri Nerkar*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

- The Department of Biotechnology, established in 2005 actively conducts many activities every year. In addition to classroom teaching students of F.Y.B.Sc. to M.Sc II were encouraged to participate in various co-curricular and extracurricular activities along with the staff members. This year also the department conducted the annual event "Biotech Fest 2022-23" inter-college and Interdepartmental Competitions on 25th-28th Feb 2023. Different competitions were conducted in biotech fest like Alumni meet, Guest lecture, Petri plate art, Fuel less cooking, Salad decoration, Biorangoli, Poster and Navinya. It helped to explore talent and aptitude for co-curricular activities among students. All staff members were involved in organizing the Biotech Fest along with non-teaching staff members. The session began on 25th Feb. 2023 with an Annual Alumni Meet at 11.00 am and ended with offline prize distribution on 28th Feb 2022. Approximately 150 students enrolled for various events. For the alumni meet there was an enthusiastic response from alumni from different batches. Starting from the first batch to current batch students were present for the event. The meet was through online and offline mode hence the students from all over the country and overseas could participate in it. The Parent teacher association meeting was also conducted this year to initiate the communication between faculty members and parents on 17th September 2022. Students and teachers were introduced to outline, total number of theory and practical courses, internal and external marks distribution and online and offline pattern of examination for FY biotechnology and FY blended courses. All the staff members actively involved in introducing themselves and giving information to students.
- The main highlight of the department this year was an interactive session organized on 3rd November 2022, Thursday of **Nobel Laureate Sir Richard Roberts (Nobel Prize in Medicine 1993, for discovery of "Split Genes in Eukaryotes").** Around 700 students and faculty members from different Departments of Modern College Shivajinagar Pune 05, Modern College Ganeshkhind, Pune-53, Department of Biotechnology, Wadia College, MIT, Modern College of Physiotherapy, Modern College of Pharmacy, Nigdi and Moshi were

present. Sir Richard Roberts talked about his scientific journey starting from his PhD to Nobel Prize in medicine with insights to students on Research.

- **The University of Melbourne** this year also conducted a **"Teachers Training Program along with Research Camp"**. The University offered the BSc Blended students' opportunity to participate in Biology oriented Research Camp and a teacher development program for the accompanying faculty members. This program was aimed at enhancing delivery of the Blended curriculum and included sessions on science pedagogy and STEM teaching strategy.
- This **Research Camp** was attended by five students (T.Y. B.Sc. Blended) and two teachers of this course Ms. Divya Mistry (Biology) and Ms. Ankita Nahe (Physics). The camp was inaugurated in a formal function on 21st November 2022. The daily schedule included two sessions and a Faculty meeting after sessions. Each session consisted of a lecture followed by hands-on training. The teachers were associated with all the sessions in their own stream in addition to it they had separate schedules for their teachers training program. The teacher training program included talks on science pedagogy and STEM teaching strategy such as active learning especially in the fields of Conservation, Climate change, Biochemistry, Plant and Animal Biotechnology. An introduction to different novel instruments and methodologies relevant to scientific investigation in the above areas was also a part of the program. Teachers along with the students visited their Physics lab, Zoology lab, Museum, Botany lab, Herbarium, Microbiology lab, Botanical Garden, Animal facility Unit, Advanced instrumentation facility which had Electron microscope, TEM, SEM, Cryosectioning Unit, Ultra Sectioning Unit, Fluorescent Microscope, Field Emission Scanning Electron Microscope etc. This research camp was a very inspiring and enriching experience for us. It made us aware of the latest ongoing research and we greatly appreciated the free scientific environment.
- Another milestone for our Department this year was that for B.Sc. Blended The University of Melbourne, Australia recently launched a Dual Degree Programme in India. We are now a member of Australia's very large Indian diaspora. We are the pioneers of The University of Melbourne's three-year Bachelor of Science (Blended) programme. The programme is about to take a next step with the upcoming National Education Policy of our Country. UoM is already offering a three-year Bachelor of Science (Blended) programme in coordination with our institution back in 2016, in which the curriculum is co-designed and quality assured by UoM. Now we are moving towards the agreement for B.Sc. Blended Dual Degree Program. The course is smoothly running in the Department of Biotechnology.
- The Department of Biotechnology in collaboration with the Department of German had initiated an exchange program with a school in Germany. The exchange was done under the banner of the 'MINT Project' of PASCH with the partner school in Germany called the Johanna Wittum School in a town called Pforzheim. The first phase of this project was completed with great enthusiasm and motivation from the institutes, their teachers and students. 10 students from Modern College studying Science in class 11 (now in class 12) and first year of graduation in Biotechnology (now in the second year) have been assigned with a student partner from the German School. Pertaining to the ongoing Covid19 crisis, the first project was mutually decided to be conducted in an online manner. The idea of this virtual exchange is a collaborative work in the form of small research projects between students from both institutions on topics from the area of Biotechnology. In the next phase of this program the students from German School will be visiting India and especially Modern College for physical exchange in the academic year 2023-23.
- The Department of Biotechnology organized several guest lectures and talks from different fields of Science like Pharmacy, Industrial processes, Patents. Eminent Scientists from different research institutes have come to deliver their guest talk in the department especially for B.Sc. Biotechnology and Blended students. The students also attended a few lectures organized by Savitribai Phule Pune University departments under various schemes.

The list of Events and guest lecturers organized by the department in the year is as follows:

1. 07-10-2022 – IISER outreach program students Systems – Biology Research Program Awareness
2. 29-11-2022 – Speaker from Asmita Foundation – Cervical Cancer Awareness Program
3. 12-01-2023 – Mr. Shivaji Chavan,Assistant Manager , Serum Institute of India Pvt. Ltd., Pune – Overview of Biotechnology industry and career prospects
4. 14-01-2023 – Dr. Shantanu Ozarkar, Assistant Professor, Department of Anthropology, SPPU, Pune – Lecture on Human Evolution
5. 25-02-2023 – Dr. G.S. Basutkar, Retired Professor, Government Grant Medical College Byculla, Mumbai-8 – Thalassemia and Sickle Cell Anaemia Awareness campaign
6. 22 to 25-08-202203 to 06-10-202211 to 14-10-202219 to 22-12-2022 – Dr. Sameer Padhye, Biologia LLP, Ahmednagar, Pune. – Introduction to MS-Excel and Google sheets
7. 09 to 12-01-2023 – Dr. Sameer Padhye, Biologia LLP, Ahmednagar, Pune. – "R" for Biology

Every year our department organizes several educational visits for both UG and PG classes. The list of educational visits is as follows:

1. 25-07-2022 – Students participated on Plantation Drive organized by Savitribai Phule Pune University at NDA Hills, Pashan, Pune.
2. 07-11-202224-02-2023 – Visit to Someshwar Sugar Factory and Distillery – M.Sc. Biotech T.Y. Biotech
3. 27-09-2022 – Honeybee visit for FYB.Sc. students
4. 18-08-022 – Visit to the Paraplegic Center, Khadki for donation to the Army Camp members by the students (Donation Camp)
5. 16 & 17-01-2023 – Green Array Genomic Research & Solution Pvt. Ltd., Kothrud.
6. 18-01-2023 – MITCON Consultancy and Engineering Services
7. 06-02-2023 – Taljai Hills Visit for Biotech Students for Biodiversity studies.

**Campus Placement:**

1. 18-04-2023 – BIOXIA (For M.Sc. and B.sc. students)
2. 12-04-2023 – M J BIOFARM (For M.Sc. students)
3. 10-01-2023 – TCS NQT (For M.Sc. students)

- The innovation competition "Navinya" was organized to explore the talent among the undergraduate and postgraduate students. 10 entries were received for the competition out of which three innovative ideas were chosen for the second round of presentations as a part of Biotech Fest and winners distributed with medals and certificates.
- Department organized a "Two Day workshop on Germplasm Conservation Using Biotechnology" in association with the Board of Students Development, SPPU on 21st and 22nd February 2023. Various techniques were explained and students were also given demonstration of conserving seed by Plant Tissue Culture. 2023 was the International Year of Millets so on that occasion Dr. Rama Phadke also displayed various types of millets and their importance.

The achievements of staff members and students this year are as follows:

**Dr. Rama Phadke ( HOD):**

a. Organized a "Two Days workshop on Germplasm Conservation Using Biotechnology" in association with Board of Students Development, SPPU on 21st and 22nd February 2023.
b. Working as Facilitator in student exchange program with German Institute and Biotechnology Department along with German Department of Modern College.
c. Published a paper entitled "Extraction and application of plant dye in microbial staining" in IJSDR Dec 2022.

**Dr. Sharad Goswami:**

a. Organized a visit to the Paraplegic Rehabilitation Unit. Kirkee Pune

b. Organized a 2 day workshop on "Germplasm conservation using Biotechnology"Funded by student welfare SPPU on 21st and 22nd February 2023 at MCASC, Pune-05

c. Organized a visit Taljai Forest Pune

d. Organized a visit to Someshwar Sugar Fermentation Factory

e. Attended the two day National Conference on NEP 2020 at MCASC, Pune-05 on 14th and 15th February 2023.

**Ms. Radhika Velankar:**

a. Received a Research Fellowship from Sakal India Foundation, Sakal Papers of Rs. 40,000/- for a period of two years (2022- 2024)

b. Research Paper accepted for publication in Ecology, Environment and Conservation Journal (UGC CARE List Group II, ISSN 0971 - 765) for December 2022 issue.

c. Gave an oral presentation on the research work entitled, ' Effect of Imidacloprid on Germination and Biochemical Nature of Cowpea (*Vignaunguiculata*L. Walp) and Sunflower (*Helianthus annuus* L.)' in an International Conference on "Biotechnology in Conservation and Sustainable Development" organized by Department of Biotechnology, Modern College, Pune-05 from 1st to 3rd February 2022.

d. Working as a Facilitator in the student exchange program with the German Institute and Biotechnology Department along with the German Department of Modern College.

**Ms. Mukta Kothari :**

a. Attended one day Symposium on "Dissertation-Plan, Design and Execute" organized by Department of Microbiology, MCASC, Pune-5 and Association of Microbiologist of India, Pune Unit on 25th March, 2023.

b. Attended a 6 day FDP on " Animal Tissue Culture Techniques" organized by Rajiv Gandhi Institute of IT and Biotechnology, Bharati Vidyapeeth, Katraj, Pune. from 3rd April to 8th April 2023.

c. Member of German Student Exchange Programme, also guided Ms. Shreya Dorge and Ms. Prerna Jadhav for the project on " Bioethanol Production from Kitchen Waste"

d. Organised a Guest Lecture of Mr. Shivaji Chavan, Assistant Manager, Serum Institute of Pvt. Ltd. , Pune on " Overview of Biotech industry and career prospects " for UG and PG students

e. Organised Guest Lecture of Dr. Shantanu Ozarkar, Assistant Professor, Department of Anthropology, SPPU, Pune on " Human Evolution " for UG and PG students.

f. Coordinated for online "Guidance session by Alumni for overseas applications" for TY Biotechnology and Ty Blended students.

g. Organizing member of Alumni meet 2022-23 and Biotech fest 2022-23

h. Organizing member of 2 days workshop on "Germplasm conservation using Biotechnology" on 21-22 February 2023 at MCASC, Pune-05

**Ms. Pallavi Bhoine:**

a. Organizing member of 2 day workshop on Germplasm conservation using Biotechnology On 21-22 February 2023 at MCASC, Pune-05

b. Organizing member of Alumni meet 2022-23 and Biotech fest 2022-23

**Dr. Sukhada Akole :**

a. Published two research papers in national journals

b. Conducted industrial visit of TY Biotechnology class to Katraj Dairy and Someshwar distillery.

c. Conducted industrial visit of M. Sc. II Biotechnology class to Someshwar sugar factory and distillery.

d. Conducted field visit of SY Biotechnology class to Taljai Tekdi.

e. Organizing member of Alumni meet 2022-23 and Biotech fest 2022-23

**Dr. Pooja Sane:**

a. Organized a visit to the Paraplegic Rehabilitation Unit. Kirkee, Pune

b. Attended the two day National Conference on NEP 2020 at MCASC, Pune-05 on 14th and 15th February 2023.

c. Attended one day Symposium on "Dissertation-Plan, Design and Execute" organized by Department of Microbiology, MCASC, Pune-5 and Association of Microbiologist of India, Pune Unit on 25th March, 2023.

d. Organizing member of Biotech fest 2022-23 on 25 – 28 February 2023

e. Organizing member of field visit for SY BSc Biotechnology students at Taljai Tekadi on 6th February 2023

f. Conducted industrial visit of M. Sc. II Biotechnology class to MITCON research laboratory

**Ms. Ankita Nahe:**

a. Attended B.Sc. Blended Research and STEM teaching program at the University of Melbourne, Australia during 18-28th November 2022.

b. Attended 6 days FDP on "Innovations in Materials and Processing for Energy, Environment and Electronics" organized by MMCOE in association with C-MET , Pune from 7-11th February 2023.

c. Attended International Youth Conference at Kanha Shanti Vanam, Hyderabad in August 2022.

d. Organizing member of 2 days workshop on Germplasm conservation using Biotechnology On 21-22 February 2023 at MCASC, Pune-05

e. Attended a workshop on " Manufacturing Rechargeable LED Bulbs" conducted by Dept. of Physics in collaboration with Avenue Scientific , Pune on 18th January 2023.

f. Attended a two day National Conference on NEP 2020 at MCASC, Pune-05 on 14th and 15th February 2023.

g. Attended a one day Symposium on "Dissertation-Plan, Design and Execute" organized by Department of Microbiology, MCASC, Pune-5 and Association of Microbiologist of India, Pune Unit on 25th March, 2023.

h. Organizing member of Biotech fest 2022-23

**Ms. Divya Mistry:**

a. Published Research Article (21.03.2023)- Chawan, E., C. Abraham, S.M. Padhye & D. Mistry (2023). 'Bird species richness trends in urban and semi-urban areas in and around Pune City, India'. Bird-o-soar #192, In: Zoo's Print 38(3): 17–21.

b. Attended and Participated in The STEM Teachers Training Program, Workshop and B.Sc. Blended Research Camp, University of Melbourne, Australia, 18 -29th November 2022.

c. Attended a two day National Conference on NEP 2020 at MCASC, Pune-05 on 14th and 15th February 2023.

d. Attended a one day Symposium on "Dissertation-Plan, Design and Execute" organized by Department of Microbiology, MCASC, Pune-5 and Association of Microbiologist of India, Pune Unit on 25th March, 2023.

e. Participated in Hands on Training Workshop on Introduction to Virtual labs, Virtual Labs-IIT, Bombay and Regional Centre - PVG's College of Engineering and Technology & G K Pate(Wani) Institute of Management, Pune, India, 24th September 2022

f. Invited as a Guest Lecture on Evolution of Life and Formation of First Life form - A Cell, PVKN Govt. College, Chittoor, Andhra Pradesh, India, August 2022.

g. Participated in Training Program and Workshop on "Digital Pedagogy and Climate Change" (National), Organized by TROP ICSU and IISER Pune, India, 5-6th August 2022.

h. Resource person for the Workshop titled, 'Demonstration of Practical's of B.Sc. Blended Bioscience Course' at Modern College in collaboration with IDSS, Savitribai Phule Pune University, Pune, India, 3-6th April 2022.

i. Attended and Presented a paper in an International Conference on Biotechnology in Conservation and Sustainable Development, Modern College, Pune, India, 1-3rd February 2022.

j. Organizing member of the 2 day workshop on Germplasm conservation using Biotechnology on 21-22 February 2023 at MCASC, Pune-05

**Ms. Mukta Nagpurkar:**

a. Paper published titled, Cytotoxicity Assessment in Sesame Leaves Using Human Cancer Cell Lines (2023). Dr. Mukta Nagpurkar1 and Dr. Neeta M. Patil2. Int J Pharm Sci.14(2), b1-10 http://dx.doi.org/10.22376/ijpbs.2023.14.2.b1-10

b. An orientation lecture on a project for students to be admitted to the final year of the UG and PG course was conducted in online mode.

c. Attended One Day Symposium on Dissertation – Plan, Design and Execute on 25th March, 2023, organized by Department of Microbiology in association with Associations of Microbiologists of India, Pune Unit, at MCASC, Shivajinagar, Pune – 05

d. Organizing member for Guest Lecture of Dr. Shantanu Ozarkar, Assistant Professor, Department of Anthropology, SPPU, Pune on "Human Evolution" on 14th January 2023 for UG and PG students

e. Attended Two Days National Conference on Implementation of National Education Policy 2020 with special reference to Adoption on Guidelines on NHEQF and Curriculum Framework and Credit System for Four Year Undergraduate Programme (FYUP), on 14th and 15th February 2023, organized by Department of Computer Science in association with Library and Information Center, at MCASC, Shivajinagar, Pune – 05

f. Organizing member of Biotech fest 2022-23 on 25 – 28 February 2023

g. Organizing member and demonstrator of inoculation in 2 days workshop on "Germplasm Conservation using Biotechnology" on 21-22 February 2023 for UG and PG students at MCASC, Pune-05 in association with Student Welfare Association, SPPU

h. Organizing member of field visit for SY BSc Biotechnology students at Taljai Tekdi on 6th February 2023

**Ms. Kiran Jagtap:**

a. Completed 1 Month International Workshop on "Cancer genomics and Bioinformatics "from 11th February to 7 th March 2023

b. Attended International Youth Conference to inculcate Kindness and Morals at Kanha Shanti Vanam, Hyderabad in August 2022.

c. Attended Two Days National Conference on Implementation of National Education Policy 2020 with special reference to Adoption on Guidelines on NHEQF and Curriculum Framework and Credit System for Four Year Undergraduate Programme (FYUP), on 14th and 15th February 2023, organized by Department of Computer Science in association with Library and Information Center, at MCASC, Shivajinagar, Pune – 05

d. Attended one day Symposium on "Dissertation-Plan, Design and Execute" organized by Department of Microbiology, MCASC, Pune-5 and Association of Microbiologist of India, Pune Unit on 25th March, 2023.

e. Organized and executed Industrial visit of MSc II students to Someshwar Sugar Factory & Distillery unit , Baramati on November 07 2022.

f. Organizing member of a 2 day workshop on Germplasm conservation using Biotechnology on 21-22 February 2023 at MCASC, Pune-05

g. Organized the Workshop titled, 'Demonstration of Practical's of B.Sc. Blended Bioscience Course' at Modern College in collaboration with IDSS, Savitribai Phule Pune University, Pune, India, 3-6th April 2022.

h. Attended Scientific lecture Series on Molecular Biology at IISER Pune - by SERB Karyashala - 25th-29th January 2023.

i. Organizing members of Biotech fest 2022-23 on 25 – 28 February 2023. Incharge of Certificate designing and distribution.

j. Coordinated for online "Guidance session by Alumni for overseas applications" for TY Biotechnology and Ty Blended students.

k. Resource person for online guidance session for students regarding project guidelines - Designing aim, hypothesis and executing

**Dr. Kavita Hadawale:**

a. Attended one day Symposium on "Dissertation-Plan, Design and Execute" organized by Department of Microbiology, MCASC, Pune-5 and Association of Microbiologist of India, Pune Unit on 25th March, 2023.

b. Published Review (22.12.2022)-R. Patil, K. Hadawale,A. Ramli, S. Wadkar, P. Bhuyar. An Overview of Molecular Basis and Genetic Modification of Floral Organs Genes: Impact of Next-Generation Sequencing in Molecular Biology), 131, https://doi.org/10.1007/s12033-022-00633-7.

c. Attended Two Days National Conference on Implementation of National Education Policy 2020 with special reference to Adoption on Guidelines on NHEQF and Curriculum Framework and Credit System for Four Year Undergraduate Programme (FYUP), on 14th and 15th February 2023, organized by Department of Computer Science in association with Library and Information Center, at MCASC, Shivajinagar, Pune – 05

d. Organizing member of Biotech fest 2022-23 on 25 – 28 February 2023

e. Conducted industrial visit of M. Sc. II Biotechnology class on 7 November 2022 to Someshwar sugar factory and distillery.

**Student's Achievements:**

**S.Y. B.Sc. Blended (Bioscience):**

**Mrunmayee Lele**

a. Debate Competition (YouCAN Debate Competition) Runner Up (2nd Place)

b. Participated in Poster-Making in Biotech fest

c. Participated and received a certificate in IISER Biostats Course

d. Participated and received a certificate in IISER Molbio Course

e. Participated and received a certificate in NPTEL Course in Machine Learning in Biology using WEKA

f. Participated in a course in Introduction to MS Excel

**Dipti Mishra**

a. NCC :PRE-RDC ,Inter Group Competition (represented PUNE group) 2/09/2022-24/11/2022 Participated twice in nationals for yoga

**Advika Dhanorkar**

a. German Language A2 Level completed

b. Main anchor at KIDZEE Sinhagad Road Annual Day

c. Completed course of Introduction to MS Excel and Google sheets

d. Completed a 2 day course on Germplasm Conservation

f. Attended workshop in IISER (Dot ELISA)

g. Participated in NIUS (HBCSE) Biology camp (March 2022)

h. Participated in 'Symposium-The Microbial world' at CSIR(NCL)

**Shreya Date**

a. Secured second place in fuel-less group cooking competition(Biofest) held by the department, Participated and received a certificate in NPTEL course in machine learning in biology using WEKA

**Khushi Chokshi**

a. Got internship at IISER pune biology dep. Won 3rd prize at biotech fest in bio rangoli and poster making. Completed a course on genomic variant and interpretation by CSIR institute of genomics. Completed a skill development course on excel by modern college biotech dep.

**Rucha Kulkarni**

a. Won 3rd prize in Poster Making Competition, 3rd prize in Rangoli Making Competition in Biotech fest conducted by Department of biotechnology, Modern College
b. Participated in petri plate art in Biotech fest conducted by Department of biotechnology, Modern College.
c. Did a skill development course in MS Excel and Google sheets and got a certificate for the same.

**Nidhi Joshi**

a. German Language certificate course, Debate competition ( YouCAN Debate) Runner up (2nd place)

**Smruti Mhalgi**

a. Got selected for the JNCASR Summer Research Fellowship at the National Brain Research Centre, Manesar
b. Secured 2nd place in Intercollege debate competition (YouCAN)
c. Secured 2nd place fuel-less cooking competition organized by biotech department
d. Participated in a workshop on 'Germplasm conservation' organized by Biotech Department

**Harshita Kedar**

a. Participated in Poster-Making and fuelless cooking in Biotech fest
b. Participated in a course in Introduction to MS Excel
c. completed and received certificate and LoR for 60 days of training & internship programme held by The Nature's Eye

**Nandini Patil**

a. Completed intensive certificate course in german language (by Department of Foreign Language, SPPU)
b. Intercollege debate competition (YouCAN Debate competition) runner up
c. Participated in biotech fest held at MCASC
d. Attended a two day workshop on Germplasm conservation

**Raaj Nambiar**

a. Participated in 2-day Germplasm conservation workshop
b. Participated in Fuelless cooking in Biotech fest
c. 3rd place in micro-plating in Biotech Fest

**Mahek Jodhavat**

a. Participated in study program on forensic science
b. participation in webinar on nutrigenomics
c. did an skill development course in MS excel and Google sheets
d. participation in webinar on pharmaceutical production management
e. participated in study program on genetic engineering using CRISPR technology
f. participation in webinar on industrial biotechnology

**Shreyash Gijare**

a. completed a course on introduction to excel by modern college. Participated in biotech fest.

**Aryan Nikam**

a. completed a course on introduction to excel by modern college. inter college basketball participant and team leader .participated in biotech fest .Participated in maharashtra state OLYMPICS for basketball, participated in MIT college basketball match .

**T.Y. B.Sc. Biotech:**

1. Ruturaj Deepak Kardode

a. 3 rd rank in NAVINYA Competition Biotech fest

**Sunidhi Govind Kela**

a. 3 rd rank in NAVINYA Competition Biotech fest

b. Recipient of Geeta Israni Scholarship 2022-2023

**Diwakar Bhowmik**

a. 3 rd rank in NAVINYA Competition Biotech fest

**Shivani Manish Mungi**

a. Visharad Completion (Graduate of Kathak)
b. 3 rd rank in NAVINYA Competition Biotech fest

**Siddhi Santosh Shingavi**

a. Recipient of Geeta Israni Scholarship 2022-2023

**Shriya Joshi**

a. Recipient of Geeta Israni Scholarship 2022-2023

**Vaishnavi Lohat**

a. Recipient of Geeta Israni Scholarship 2022-2023
b. 2 nd rand in NAVINYA competition Biotech fest

**S.Y.B.Sc.Biotech:**

**Prerna Anil Jadhav**

a. NIUS Chemistry Camp 18.1 organized by HBCSE.(Participated in online- offline camp)
b. Navinya Innovative Business Proposal Competition held during Biotech Fest 2023 (1 st Prize)
c. HK Firodia Online Science and Technology Quiz Participation
d. Virtual Inter-school exchange Programme German exchange Program (Participation)
e. Interactive session of eminent scientists of India: Tessy Thomas and Gagandeep Kang, organized by HK Firodia Memorial Foundation. (Participation)
f. Vyapar Mela 2023 (Participation)
g. Participated in Biotech Fest 2023 : Petri Plate art, Poster Making-(3 rd Prize), Biorangoli, Fuelless cooking, Salad decoration-(3 rd prize)
h. EduYouth meet participation University NSS program Palkhi inauguration program-NSS
i. Fall cohort Cell biology course Scienspur – Lakshmi Mittal and Family south Asian Institute at Harvard University funded.

**Abhijeet Tukaram Jagtap**

a. First prize in bio rangoli event
b. Participated in NSS camp
c. Participated Germplasm workshop

**Shreya Kiran Dorge**

a. NIUS Chemistry Camp 18.1 organized by HBCSE.
(Participated in online- offline mode)
b. Navinya Innovative Business Proposal Competition held during Biotech Fest 2023 (First Prize)

- HK Firodia Online Science and Technology Quiz (Top 50 winners)
- Participation in Virtual Inter-school exchange Programme
- Attended Interactive session of eminent scientists of India: Tessy Thomas and Gagandeep Kang, organized by HK Firodia Memorial Foundation.
- Vyapar Mela 2023 (Participation)

**Shantanu Gaikwad**

- Participation in Purushottam Karandak & Bharat Karandak- Drama - Gabhara Achievement - 3rd prize (Sanjeev Karandak) & 1st prize (Bharat Karandak) respectively.

a. 1st prize in solo dance competition in Art week organized by art circle at modern college of arts, science and commerce
b. Participation in Firodiya karandak 2023 for Drama - Morya : Ek shevat survaticha (Top 35)
c. Atal Karandak ( Panvel ) -Participation.

d. Participation in Vinoduttam Karandak - Drama - Neerop
e. Mounantar Karandak - Participation Drama - Until I found you
f. Sarpotdar Karandak - Participation.

**Prasad Sambhaji Landage**

- Participating in the Consulting Masterclass by Soil

a. Attending Human resource skill workshop
b. Participating in the EduYouth Meet
c. Successfully completed German student exchange program
d. Participated in vyapar mela
e. Participated in Biotech Fest Petri plate art ( 3rd prize) Bio Rangoli Salad decoration
f. Successfully completed Germplasm conservation workshop

**Kumud Chandere**

- Participation in:Germplasm workshop

a. Biotech fest-Bio Rangoli, Salad decoration
b. Participated in EduYouth meet
c. 1st prize: Marathi Rajyabhasha Essay Writing Competition
d. Israni Foundation Scholarship

**Gayatri Sanjay Sarode**

- Participation in Germplasm workshop

a. Participation in Biotech fest- Bio Rangoli, Salad decoration
b. Participated in EduYouth meet
c. Selected for Israni Foundation Scholarship

**Advait Bendre**

- 3rd place in petri plate art (Biotech Fest)

a. Participation in Vyapar Mela
b. Participation in EduYouth Meet
c. Participation in GermplasmWorkshop

**Sejal Sachin Tavhare**

a. Participation in Biotech Fest- Petri Plate art, Biorangoli, Salad decoration, Fireless Cooking, Poster Making-Second Prize in Petri Plate art (Biotech Fest)
b. Successfully completed German Exchange Program
c. Participation in Vyapar Mela
d. Participation in EduYouth Meet
e. Participation in Germplasm conservation workshop
f. Got Israni Foundation Scholarship

**Tanvi Santosh Kale**

- Participation in Biotech Fest- Petri Plate art, Biorangoli, Salad decoration, Fireless Cooking, Second Prize in Petri Plate art (Biotech Fest)

a. Participation in Vyapar Mela
b. Participation in EduYouth Meet
c. Participation in Germplasm conservation workshop

**Pranita Gadade**

- Participation in biotech fest-Poster making

a. Participation in Vyapar Mela
b. Participation in EduYouth Meet
c. Participation in Germplasm conservation workshop

**Prachi P. Kulkarni**

- Participation in Art week competition organized by art circle- Rangoli, Mehandi, storytelling- 3rd prize in story telling competition

a. Selected in top 32 for Bharatiya Shikshan Mandal Yuvaayam, Subhash Swaraj Sarkar Shodh Patra Lekhan competition

b. Participation in Marathi Bhasha Samvardhan Pandharwada-speech, essay writing (2nd prize in speech competition)

c. Biotech fest Participation in : Bio Rangoli, Poster making, Fuel without cooking, Salad decoration, Navinya competition

d. Participation in Germplasm conservation workshop

**Renuka Annasaheb Mitkari**

- Participation in Vyapar mela

a. Participation in Germplasm conservation workshop.

b. Participation in EduYouth meet

**Shravani Sanjay Shahane**

- Successfully completed course of introduction to MS-Excel and google sheets

a. Participation in Vyapar Mela

b. Participation in EduYouth Meet

c. Participation in Germplasm conservation workshop

**Atharv Deshmukh**

- Participation in vyapar mela

**Sakshi Vinod Bharvirkar**

- Participation in Vyapar Mela

a. Participation in EduYouth Meet

b. Participation in Germplasm conservation workshop

**Preeti Shinde**

- Participation in Vyapar Mela

a. Participation in EduYouth Meet

b. Participated in Biotech fest- Poster making, Salad making competition

c. Worked as writer for NSS blind students

d. Received certificate for participation in Germplasm conservation workshop

e. Successfully completed Computer education course (introduction to ms word and ms Excel)

**Krishna Rahul Shrimali**

- Participation in Inter College Cricket League

a. Participation in Germplasm Conservation workshop

b. Participation in vyapar mela

**Vaishnavi Vinod Patil**

. Participation Germplasm conservation workshop

**Vinayak Jadhav**

- Participated in Biotech Fest Bio Rangoli (1st Prize), Salad decoration

a. Participation in Vyapar Mela

b. Participation in Germplasm conservation workshop

**Chanchal Pravin Chaudhari**

Participated in

1. Independence day (Dance)
2. Art week organized by art circle (Dance competition))

b. Participated in Biotech fest Biorangoli, Navinya Competition

- Participation in Germplasm Conservation Workshop

**Sakshi Nitin Bhavsar**

- Participated in Biotech Fest Bio Rangoli (1st Prize), Salad decoration

a. Participation in Vyapar Mela
b. Participation in EduYouth Meet
c. Participation in Germplasm conservation workshop
d. Participated in the State Level Inter Collegiate Fest Vidhirang 2022 organized by Progressive Education Society's Modern Law College, Pune (Dance Competition)
e. Participation in Art week organized by art circle at Modern College of Art,Commerce and science

**Prithviraj Bedre**

- Participated in Vyapar mela

a. Participation in Biotech fest - Salad making competition
b. Have worked for blind students through NSS- Created word files and assignment
c. Participation in Germplasm conservation workshop

**Takshashil V Kotangale**

- Participated in the Germplasm conservation workshop

a. Participation in RYLA (Rotary Youth Leadership Award) program.

**Sakshi Salve**

- Participation in the EduYouth meet

a. Participation in Biotech Fest - Bio Rangoli, Salad decoration
b. Participation in Germplasm conservation workshop

**Sanskruti Nawale**

. Participated in Art week organized by art circle (Dance competition)
a. Participation in Biotech fest Bio Rangoli
b. Participation in Germplasm Conservation Workshop

**Harshada Thakur**

- Participated in Vyapar mela

**Anjali Jadhav**

- Participated in Vyapar mela

**Runali D. Dobale**

- Participation in Biotech Fest - Bio Rangoli, Petri Plate, Poster Making (3rd rank), Fuelless cooking

a. Participated in Vyapar mela
b. Participation in Germplasm conservation workshop
c. Participation in the EduYouth meet
d. Successfully completed German Students Exchange program

**Surabhi S.Thopte**

- Participation in Biotech Fest - Bio Rangoli, Petri Plate, Poster Making (3rd rank), Fuelless cooking, Petriplate art

a. Participated in Vyapar mela
b. Participation in Germplasm conservation workshop
c. Participation in the EduYouth meet

**Atharv Rajendra Tupe**

- Participation in Biotech fest- salads dressing (3rd Rank)

a. Participated in Vyapar mela
b. Participation in Germplasm conservation workshop

**Pratham Kangralkar**

- Participation in Biotech fest- salads dressing (3rd Rank)

a. Participated in Vyapar mela

b. Participation in Germplasm conservation workshop
c. Participation in the EduYouth meet

**Dhananjay Navale**

- Participation in Biotech fest- salads dressing

a. Participation in Germplasm conservation workshop
b. Participated in University NSS program
c. Active participation in NSS camp-Palkhi inauguration program-NSS

**Pratiksha Sakharam Chavan**

- Participation in Germplasm conservation workshop

a. Participation in the EduYouth meet
b. Participation in Biotech fest- salads dressing, Biorangoli
c. Israni Foundation Scholarship

**Shrushti Bhosale**

- Participated in Art week organized by art circle (Dance competition)

a. Participation in Biotech fest -Biorangoli
b. Participation in Germplasm Conservation Workshop
c. Selected for Israni Foundation Scholarship

**PG Students:**

**Dinesh Rajaram Choudhary**

- Completed a Certificate course " Introduction to MS-Excel and Google sheets " by Dr. Sameer Padhye

a. Completed a Certificate course "Introduction to R" by Dr. Sameer Padhye
b. Volunteered in Covid 19 testing at center of molecular diagnosis and research, SPPU

**Apeksha Rabindra Pathak**

- Completed a Certificate course "Introduction to MS-Excel and Google Sheets" by Dr. Sameer Padhye

a. Participated in College level Avishkar Project poster presentation competition organized by SPPU
b. Participated in Zonal level Avishkar Project Poster Presentation competition
c. Certificate of participation in Aavishkar- University level research project competition
d. Consolation prize in Yuva Sanshodhak Scheme (YSS)
e. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
f. Volunteer at COVID-19 testing Centre in Centre of Molecular diagnosis and Research, SPPU
g. Volunteered in covid 19 testing at center of molecular diagnosis and research, SPPU

**Dhanashree Bodke**

- " Certificate course "Introduction to MS-Excel and Google Sheets" by Dr. Sameer Padhye"

**Dhanashri Haribhau Lole**

- Certificate course " Introduction to MS-Excel and Google sheets " by Dr. Sameer Padhye

a. Attended a two days workshop on Germplasm Conservation using Biotechnology
b. certificate course " Introduction to R" by Dr. Sameer Padhye
c. Runner up/ shortlisted for the "Best Student Trophy" for year 2021-2022
d. Acceptance of Review paper on 'Role of Herbal plants in treatment of Type 2 Diabetes' in International Journal of Pharmacy and Biological Sciences in March 2022 under guidance of Dr Sharad Goswami.

**Nikita Manjare**

- Certificate course " Introduction to MS-Excel and Google sheets" by Dr. Sameer Padhye

a. certificate course "Introduction to R" by Dr. Sameer Padhye
b. Volunteer at COVID-19 testing Centre in Centre of Molecular diagnosis and Research, SPPU

**Rachna Vidhate**

- Certificate course “”Introduction to MS-Excel and Google Sheets”” by Dr. Sameer Padhye”

a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
b. Certificate for attending workshop on Impact of Anthropogenic activities and natural calamities on Biodiversity (ISIAANCB-2022)
c. Quiz on World Kidney Day by “Vigya Setu Foundation”

**Gayatri Phatak**

- Certificate course “”Introduction to MS-Excel and Google Sheets”” by Dr. Sameer Padhye”

a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
b. Consolation prize in Yuva Sanshodhak Scheme (YSS)

**Janhavi Bapat**

- Certificate course “”Introduction to MS-Excel and Google Sheets”” by Dr. Sameer Padhye”

a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
b. Consolation prize in Yuva Sanshodhak Scheme (YSS)

**Lata Bisht**

. Certificate course “Introduction to MS-EXCEL and Google sheets” by Dr. Sameer Padhye
a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
b. Certificate course “Introduction to R “ by Dr. Sameer Padhye

**Mahima Bansode**

- Certificate course “Introduction to MS-Excel and Google Sheets” by Dr. Sameer Padhye

**Pooja Nagvekar**

- Certificate course “Introduction to MS-Excel and Google Sheets” by Dr. Sameer Padhye”

**Shinde Shraddha**

- Certificate course “Introduction to MS-Excel and Google Sheets” by Dr. Sameer Padhye”

a. Certificate for attending two days workshop on Germplasm conservation using Biotechnology

**Avesh Jalil Shaikh**

- Certificate course “Introduction to MS-Excel and Google Sheets” by Dr. Sameer Padhye

**Pranjali Dilip Gangurde**

- Certificate course “ Introduction to MS-Excel and Google sheets” by Dr. Sameer Padhye

a. Certificate course “Introduction to R” by Dr. Sameer Padhye
b. Certificate for two days workshop on Germplasm Conservation using biotechnology

**Manasi A. Pangarkar**

- First Prize in Biotech Fest for “Petri Plate Art”

a. Third Prize in Dept of Biotechnology with Science Association event for “Stationary Planters”
b. Certificate of Appreciation for participating in “National level Indian Art Contest”
c. Letter of Recognition for participating in “International Art Contest”

**Amisha Mhetre**

- Certificate course “ Introduction to MS-Excel and Google sheets” by Dr. Sameer Padhye

**Rasila.V. Rajpurohit**

- Second prize in Biotech Fest for “ bio rangoli”

a. Certificate course “Introduction to MS- Excel and Google sheets” by Dr. Sameer Padhye
b. certificate for two days workshop on Germplasm Conservation using biotechnology

**Radhika Rajale**

- Certificate course “Introduction to MS- Excel and Google sheets” by Dr. Sameer Padhye

**Snehal Sonawane**

- Certificate course “ Introduction to MS-Excel and Google sheets” by Dr. Sameer Padhye

a. Certificate course “Introduction to R” by Dr. Sameer Padhye
b. Certificate course “ Immunotechniques “ workshop
c. Certificate course “ statistical and computational analysis of biological database

**Gauri Vaikunthe**

- Certificate course “Introduction to MS- Excel and Google sheets” by Dr. Sameer Padhye

a. prize in Navinya- Business Proposal Competition Modern college
b. Certificate Achievement TCS iON Career Edge
c. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology

**Anushka Agavane**

- Second prize in biotech fest for “Biorangoli”

a. Certificate course Introduction to MS- Excel and Google sheets by Dr. Sameer Padhye

**Sneha Sapkal**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Abhishek Vinod Khanzode**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

a. Certificate course Introduction to R by Dr. Sameer Padhye
b. Certificate for attending two days workshop on Germplasm conservation using Biotechnology

**Pranali Pandit**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Dhanya M H**

- First Prize in Biotech Fest for Petri Plate Art

a. Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Snehal Sonawane**

- Certificate course Introduction to MS-Excel and Google

a. Certificate course Introduction to R by Dr. Sameer Padhye
b. Certificate course Immunotechniques workshop
c. Certificate course Statistical and computational analysis of biological data workshop

**Dhanashree Sakore**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Shraddha Waghmare**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Prajwal Pawar**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye”

**Dhanshri Dherange**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Vedika Potdar**

- Certificate course on MS Excel and Google Sheets

a. 2. Certificate Course on Introduction to R

**Ekta Dange**

- Certificate course on Introduction to R

a. Certificate course on MS Excel and Google Sheets

**Aanchal Gour**

- Certificate course on MS Excel and Google sheets

a. Certificate course on Introduction to R

**Janvi Kodwani**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology

b. Certificate for attending human Values in the EduYouth Meet.
c. Certificate for attending International conference on biotechnology in conservation and sustainable development.
d. Certificate for Doing on site Clinical Research Internship in Synergen Bio, Pune
e. Certificate in animal handling ( mice, rats) for pre clinical research for dissertation project at Agharkar institute, Pune

**Mahesh Mundhe**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

a. Certificate course Introduction to R by Dr. Sameer Padhye

**Shubham Thorat**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Sneha Sapkal**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

**Richa Deshpande**

- Certificate course on Introduction to MS-Excel and Google sheets

a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
b. Participated in College level Avishkar Project poster presentation competition organized by SPPU
c. Participated in Zonal level Avishkar Project Poster Presentation competition
d. Participated in University level Avishkar Project poster presentation competition
e. Consolation prize in Yuva Sanshodhak Scheme organized by Modern College, Shivajinagar.

**Aditya Varpe**

- Certificate course for Introduction to MS excel and goggle sheets by Dr Sammer Padhey

**Shreya Parad**

- Certificate course Introduction to MS-Excel and Google sheets by Dr. Sameer Padhye

**Pradnya Gaikwad**

- Certificate course Introduction to MS-Excel and Google Sheets by Dr. Sameer Padhye

a. Certificate for attending two days workshop on Germplasm Conservation using Biotechnology
b. Certificate for Biomodeling using R - by CSIR-NCL
c. Basics to advance Bioinformatics and genomic sequences analysis by Nextgenhelper

**- Dr. Sangeeta Bhagat**
Head, Dept. of Biotechnology

# Department of Botany

**PART A**

**DIQAC Composition and Activities**

For the departments having **more than 3** staff members :
Department Name: **Botany**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr Neeta M Patil | HoD and Chairperson of DIQAC | 9850066036 | hodbotany@moderncollegepune.edu.in |
| 2 | Dr. R.B. Barmukh | Member 1 | 9822868062 | barmukhbotany@moderncollegepune.edu.in |
| 3 | Dr. Arti Goggi | Member2 | 997010941 | goggibotany@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- Skill development course in Tissue culture was conducted by Dr. U.R. Wayase for SYBSc students where they are given hands-on training in various aspects of tissue culture.
- Poster competition was organized for FYBSc students on 13th October 2022 month where all the students from the class displayed and explained their activity.
- Under the guidance of Dr.U.R.Wayase a group of students from SYBSc engaged in research projects and presented them at the Avishkar competition.
- A summer training program was successfully conducted for FYBSc students from 24th to 29th April 2023. Students were exposed to the different techniques in botanical studies by undergraduate teachers.
- Guest lecture on the topic of Hydroponics by Dr. Suresh Dhumal was arranged on 02/02/2023. It was organized for the students of FYBSc, SYBSc and TYBSc.
- Nutrifest carnival under experiential learning – It was conducted for SYBSc students as an extension activity for the papers on Medico botany and Pharmacognosy as well as Plant Biochemistry and Biotechnology. On 20/01/2023 students displayed exhibits on nutritional and medicinal importance of plants used in our day to day life.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| Conduction of study tours and visits for UG students | Successfully conducted all the local visits and excursion tours for UG students |
| Organization of guest lecture by expert | Dr. Suresh Dhumal was invited to deliver lecture on hydroponics |
| Skill enhancement courses for students to be conducted | Tissue culture course was conducted for SYBSc students and summer training was conducted for FYBSc students |
| Students to be given research projects | Students presented their projects in Avishkar competition |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | 01 | | | |
| PG | 01 | | | |
| UG | 01 | | | |
| PG Diploma | NA | | | |
| Advanced Diploma | NA | | | |
| Diploma | NA | | | |
| Certificate | NA | | | |
| Others | NA | | | |
| **Total** | | | | |
| Interdisciplinary | NA | | | |
| Innovative | NA | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

02 -UG and PG under NEP 2020

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

01 - Plant tissue culture course for SYBSc students

1.2.1 - Number of new courses introduced across all programmes offered during the year

NA

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

**02 - UG and PG are offered choice based credit system**

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

**MSc Botany**

| Sr no | Enroll no | Name of the student | Project title | Project guide | Place of work |
|---|---|---|---|---|---|
| 1 | 2102333 | Komal Gajanan Tupkar | Arboreal flora of Sinhagad fort. | Prof. Sudhir Salunke | Sinhagad fort, pune |

| | | | | | |
|---|---|---|---|---|---|
| 2 | 2103555 | Vaishnavi Manikrao Waykar | Estimation of orchid house and maintenance of orchid | Dr. Ravisha Sawant | Modern college of art, science and commerce Shivajinagar pune |
| 3 | 2101755 | Sayali Chandarkant Jadhav | Effect of different growth media on germination and growth of spinach | Dr. Prachi Kshirsagar | Modern college of art ,science and commerce Ganeshkhind Pune |
| 4 | 2102698 | Pratik Buddham Rangari | In-vitro propagation of Cheilocostus speciosus and Tinospora cordifolia | Dr. A. Benniamin | Botanical survey of india, pune |
| 5 | 2102900 | Gayatri Muneshwar Mahure | Landscape gardening of a residential apartment | Mr.Ramnath Kedar | 24k stargaze paud road ambrosia resort Bavdhan Pune |
| 6 | 2102899 | Aishwarya Yashwantrao Daf | Study of different styles of gardening and its significance in humans life. | Prof. Sudhir Salunke | Kamla nehru park,sambhaji garden, empress garden,Okayama garden Pune |
| 7 | 2101763 | Sakshi Kadu Wagh | Screening of some landraces of finger millet for salt stress | Dr. Archna A Naik | Savitribai phule Pune university |
| 8 | 2103556 | Dhavalshree Udaysinh Chavan | Preparation of few medicinal products | Mr. Chandrakant jadhav | Venu- shankar farm and nursery sus- baner |
| 9 | 2101765 | Sumit Jitendra Chavhan | Development of terrace garden for aesthetic purpose | Prof. Sudhir Salunke | Nirmal- vishwa apartment shanivaar peth, Pune |
| 10 | 2103553 | Samiksha Sunil Dabhane | In-vitro multiplication of banana | Mr.Dinker Jayale | Jay hanuman tissue culture lab Bochara, Akola |
| 11 | 2101754 | Vaishnavi Govind Porwal | Preparation of natural mosquito repellent products and their application | Mr. Chandrakant jadhav | Venu- shankar farm and nursery sus- baner |
| 2 | 003411 | Rohini Rajendra Dhakane | epartion and study of ayurvedic product | Dr. Vinayak Vidya | Hari parshuram shadhaly shaniwar peth Pune |
| 13 | 2102898 | Shweta Madhukar Mohite | Preparation and application of organic fertilizer and its comparative study with market brand | Mr. Chandrakant jadhav | Venu- shankar farm and nursery sus- baner |
| 14 | 2102697 | Reshma Bharat Lokare | Establishment of greenhouse and maintainace of ferns and indoor plants | Dr. Ravisha Sawant | Modern college of art, science and commerce Shivajinagar pune |

| | | | | | |
|---|---|---|---|---|---|
| 15 | 2103554 | Anisha Sanjay Pawar | Herbal and cosmetic products and its comparison with branded products | Mr. Chandrakant jadhav | Venu- shankar farm and nursery sus- baner |
| 16 | 2101757 | Shivani Dattatray Deshmukh | Phytoplankton diversity and preliminary physiochemical water quality assessment of two water bodies from Pune city | Dr. Kshirsagar Prachi | Modern college of art ,science and commerce Ganeshkhind Pune |
| 17 | 2101767 | Tejal Jayram Bandgar | Comparitive study of Trichoderma and aspergillus with reference to physical parameters of composting | Mr. Koustubh Yadre | Shivam house no 27 lane no 22A pokale empire ganesh nagar dhayari Pune |
| 18 | 2102897 | Sonal Arvind Ramteke | A study of small scale DWC hydroponic | Mrs.Aditi Patil | Greenflorescence wagholi, Pune |
| 19 | 2103760 | Sameer Mahamadhanif Inamdar | To study diversity of selected domesticated and wild genera from Asteraceae family | Dr. Arti Goggi | Modern college of art, science and commerce Shivajinagar pune |
| 20 | 2102331 | Saurabh Jitendra Jadhao | Study on bioagent and fungicides efficacy on seed mycoflora germination and vigour infex of some vegetables | Mr. Yogesh Urdukhe | R.G.Bagdia art, S.B.Lakhotia commerce and R.Bezonji science college, Jalna |
| 21 | 2101766 | Siddhi Krushna Jadhav | Solid substrate fermentation of aspergillus species and its application on garden waste composting | Mr. Koustubh Yadre | Shivam house no 27 lane no 22A pokale empire ganesh nagar dhayari Pune |
| 22 | 2102896 | Bhaghashri Sanjay Narayanache | Collection,isolation and mass production of Trichoderma and its application on oraganic waste decomposition. | Mr. Koustubh Yadre | Shivam house no 27 lane no 22A pokale empire ganesh nagar dhayari Pune |
| 23 | 2101753 | Ankita Sunil Sandbhor | Dye degradation by Hapalosiphon arboreus | Dr. Kirti Nitanware | Hutatma rajguru Mahavidyalaya Rajgurunagar, |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** |
|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) |

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 10 | 10 | | | | |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 06 | 02 | 03 | 01 | |

2.2 No. of permanent faculty with Ph.D. - 05

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
|---|---|---|---|
| **2023** | Dr. Ravisha Sawant received **National Pride Award** | Assistant Professor | Socially Point Foundation (Regd.) Approved Niti Aayog Govt. of India, Ministry of MSME Govt. India |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 05 | 01 |
| Presented papers | | | |
| Resource Persons | | | |

05 faculty Participated in conference on NEP

01 faculty participated in workshop

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty / Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students - **80%**

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

DIQAC suggests ICT based methods to be adopted for teaching and evaluation.

2.13 Initiatives undertaken towards faculty development by the department

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | 01 |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | | | | |
| Technical Staff | 06 | | Nil | 04 |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution?/If not,when did he/she leave the institution?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr R S Zunjarrao | Ph.D. | Yes | | Yes | Radhika Oke<br><br>Aboli Avhad<br><br>Lalitha Thilming | March 2018 | Studies in Phytoremediation of polluted soils.using plants of Asteraceae and Fabaceae. |
| Dr N M Patil | Ph.D. | Yes | | Yes | | | |
| Dr R B Barmukh | Ph.D. | Yes | 2015 | Yes | G M Mankar<br><br>P M Shelar | March 2018 | 'Studies on *Vigna radiata* (L.) R. Wilczek under salt stress |

3.3.1 Incentive to the teachers who receive recognition/awards

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |
| Botany | 03 |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects: Nil

3.3 Details regarding minor projects: Nil

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 2+2+1 | | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | | |

*Please provide the information in following format as annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1. | Dr R S.Zunjarrao | Isolation and Identification of Rhizospheric and Endophytic Fungi Associated with Habenaria brachyphylla (Lindl.) Aitch.: An Endemic and Rare Orchid of the Western Ghats of Maharashtra, India | Biological Forum – An International Journal ISSN No. (Print): 0975-1130 ISSN No. (Online): 2249-3239 | 15(5): 1535-1542(2023)(Received: 15 March 2023; Revised: 22 April 2023; Accepted: 01 May 2023; Published: 20 May 2023) | Peer Reviewed Journal, Free open access, NAAS rated as 5.11, |
| 2. | Dr N M Patil | 1)Isolation and Identification of Rhizospheric and Endophytic Fungi Associated with Habenaria brachyphylla (Lindl.) Aitch.: An Endemic and Rare Orchid of the Western Ghats of Maharashtra, India | Biological Forum – An International Journal ISSN No. (Print): 0975-1130 ISSN No. (Online): 2249-3239 | 15(5): 1535-1542(2023)(Received: 15 March 2023; Revised: 22 April 2023; Accepted: 01 May 2023; Published: 20 May 2023) | Peer Reviewed Journal, Free open access, NAAS rated as 5.11, |
| 3. | | 2)Cytotoxicity Assessment in Sesame Leaves using Human Cancer Cell Lines | International Journal of Pharma and Biosciences ISSN 0975-0299 | 10 April 2023 | Indexed in Embase of Elsevier |
| 4. | | | | | |
| 5. | Dr R B Barmukh | Silicon alleviates PEG-induced osmotic stress in finger millet by regulating membrane damage, osmolytes, and antioxidant defense | Notulae Scientia Biologicae | 14(4):11097 28/11/2022 | 0.73 |

*Please provide scan copies of the papers published as annexure*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | |
|---|---|---|---|
| | Department | No. of Publication | Average Impact Factor, if any |
| National | | | |
| International | Botany | 05 | |
| | | | |

| 3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index | | | | | | |
|---|---|---|---|---|---|---|
| Title of the paper | Name of the author | Title of the journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citations |

| | | | | | | |
|---|---|---|---|---|---|---|
| 1)Isolation and Identification of Rhizospheric and Endophytic Fungi Associated with Habenaria brachyphylla (Lindl.) Aitch.: An Endemic and Rare Orchid of the Western Ghats of Maharashtra, India | Avhad Aboli Vishnupant, Dr Neeta Patil , Dr | Biological Forum – An International Journal | 2023 | Nil | | Nil |
| Cytotoxicity Assessment in Sesame Leaves using Human Cancer Cell Lines | Mukta Nagpurkar and neeta Manoj Patil | International Journal of Pharma and Biosciences | 2023 | | | |

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: Nil

3.7 No. of books published i) With ISBN No. ISBN: 978-93-95632-88-1
Chapters in Edited Books 01
ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1. | Dr, Ravisha Sawant | Microgreens and their benefits" 53-58 | Emerging Trends in Life Sciences, SCIENG Pubications | ISBN:978-81-955555 7-2-7 | 2023 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department : Nil

3.12 Details faculty served as experts, chairpersons or resource persons: Nil

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations: Nil

3.14 Details of linkages created during this year: Nil

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year: Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year: Nil

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1 | Dr. R.S.Zunjarrao | SPPU | Ms. Radhika Oak<br>Aboli Avhad<br>Ms Lalitha Tilming | 2018<br>2014<br>2018 |
| 2. | Dr. N.M.Patil | SPPU | Ms. Mukta Nagpurkar | 2014 |
| | | | Ms. Manju Rakesh | 2014 |
| 3. | Dr. R.B.Barmukh | SPPU | Ms. Nafisehsadat Omidiani | 2016 |
| | | | Mr. Ganesh Mankar | 2018 |
| | | | Mr. Pramod Shelar | 2018 |
| | | | Mr. Vivek Bobade | 2018 |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 1 | Ms. Radhika Oak | Dr. R.S.Zunjarrao | 26th March 2018 | ongoing |
| 2 | Ms Aboli Avhad | Dr. R.S.Zunjarrao | 20th August 2014 | ongoing |
| 3 | Ms Lalitha Timling | Dr. R.S.Zunjarrao | 26th March 2018 | ongoing |
| 4 | Ms. Mukta Nagpurkar | Dr. N.M.Patil | 20th August 2014 | 24 August 2022 |
| 5 | Ms. Manju Rakesh | Dr. N.M.Patil | 20th August 2014 | 20 September 2022 |
| 6 | Ms. Nafisehsadat Omidiani | Dr. R.B.Barmukh | 19 April 2016 | Thesis Submitted in June 2021:<br>PhD awarded on<br>16 February 2022 |
| 7 | Mr. Ganesh Mankar | Dr. R.B.Barmukh | 26 March 2018 | PhD awarded on<br>1 December 2022 |
| 8 | Mr. Pramod Shelar | Dr. R.B.Barmukh | 20 August 2018 | ongoing |
| 9 | Mr. Vivek Bobade | Dr. R.B.Barmukh | 20 August 2018 | ongoing |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other): Nil

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | | 01 | |

**3.5 Collaborations:** Nil

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year: Nil

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year: Nil

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year : Nil

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 5 | Nil | YES 200mbps | 7 | Nil | Nil | one | 200mbps | - |
| Added | Nil | Nil | | Nil | Nil | Nil | - | - | - |
| Total | 5 | Nil | 200 mbps | 7 | Nil | Nil | one | 200 mbps | - |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG (TY) | PG | Ph. D. | Others |
|---|---|---|---|
| 08 | 26 | 08 | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students : Nil

*Please provide the list of students, Gender, class, category as annexure*

| Men | | | Women |
|---|---|---|---|
| No | % | | |
| | | | |
| No | % | | |
| | | | |

5.2.1 - Number of outgoing students who got placement during the year: Nil

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template): Nil

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year: Nil

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year : Nil

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities : Nil

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template): Nil

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1. | Poster Competition | Exhibition of specimen and models along with the poster | College Level | Exhibits in form of specimen, model and processes related to Botany were explained by SY and TYBSC students to the highschool students |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies** |
|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year: Nil |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year: Nil |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year: Nil |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

6.3.2 Teaching and Learning

Staff members were asked to adopt student centric teaching methods

6.3.3 Examination and Evaluation

It was decided to adopt Online and offline mode of examination. Question paper to be designed in such a way that it would include high order thinking based questions.

6.3.4 Research and Development

Faculty members were asked to involve students in the research activities by giving them quality projects

6.3.5 Library, ICT and physical infrastructure / instrumentation

Instruments required for conducting practicals were ordered

6.3.6 Human Resource Management

Teaching and nonteaching faculty are given different responsibilities for smooth functioning of the department.

6.3.7 Faculty and Staff recruitment

Ad-hoc staff members were re-recruited through the official interview process.

6.3.8 Industry Interaction / Collaboration

Nil

6.3.9 Admission of Students

NA

6.11 Activities and support from the Alumni Association

Nil

6.12 Activities and support from the Parent – Teacher Association

Nil

6.13 Development programmes for support staff - NA

6.14 Initiatives taken by the institution to make the campus eco-friendly

Solar based distilled water unit was already installed in the department

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

Students are guided for research projects. They are provided with all the facilities required to carry out research so as to obtain desired outcome.

7.4 Contribution to environmental awareness / protection

Nil

7.6 SWOC Analysis of the Department

Strengths :

1. More than 80% staff has Doctoral Degree
2. Well equipped laboratories
3. Research center

Weaknesses:

1. Limited space availability compared to strength of the students

Opportunities:

1. Scope for more research publications.
2. Scope for getting funds through research projects
3. Attracting more students to opt for Botany as the Principal Subject.

Challenges:

1. Getting 100% attendance in all the classroom and lab sessions.

8. **<u>Plans of Department for next year</u>**

1. Internship projects to be given to the students
2. Arranging exhibition on wild vegetables
3. Arranging a lecture on Career guidance
4. Organizing different competitions for students
5. Student's participation in the Avishkar competition held by the SPPU, Pune.

After two years of the Covid-19 pandemic; students, teaching faculty and nonteaching staff were excited to begin the academic year 2022-2023 in fully offline mode. The semester began from 20th June 2022. Since the previous academic year got extended, pending practical exams were conducted in the month of June. From July month regular lectures and practicals for third year and from August regular lecture and practicals for second year and first year started. As decided in departmental IQAC meetings, different co-curricular and extracurricular activities were conducted for UG and PG students. ICT enabled teaching and learning process was

continued. Students from UG and PG were encouraged to carry out research projects and participate in various competitions. Scheduled study tours and visits were organized.

The details of the activities and achievements are as follows

**Activities**

**Co-curricular and Extracurricular activities**

- Skill development course in Tissue culture was conducted by Dr. U.R. Wayase for SYBSc students where they are given hands-on training in various aspects of tissue culture.
- Poster competition was organized for FYBSc students on 13th October 2022 where all the students from the class displayed and explained their activity.
- Under the guidance of Dr.U.R.Wayase a group of students from SYBSc engaged in research projects and presented them at the Avishkar competition.
- A summer training program was successfully conducted for FYBSc students from 24th to 29th April 2023. Students were exposed to the different techniques in botanical studies by undergraduate teachers.
- Guest lecture on the topic of Hydroponics by Dr. Suresh Dhumal, was arranged on 2nd February 2023. It was organized for the students of FYBSc, SYBSc and TYBSc.
- Nutrifest carnival under experiential learning – It was conducted for SYBSc students as an extension activity for the papers on Medico botany and Pharmacognosy as well as Plant Biochemistry and Biotechnology. On 20th January 2023 students displayed exhibits on nutritional and medicinal importance of plants used in our day to day life.

**Study tour and visits**

- SYBSC and TYBSc excursion tour was organized on 28th September 2022 to Biodiversity Park, Gureghar near Mahabaleshwar. Students observed species from different plant groups. They documented their observations and collected commonly growing weeds for herbarium specimens.
- FYBSc excursion tour was organized on 13th January 2023 to Bhimashankar. Students observed species of Angiosperms, different types of Lichens, documented their observations, took photographs and submitted tour reports.
- TYBSc students participated in a field visit at seed testing lab to know various procedures involved in seed testing. It was organized on 24th February 2023.

**Other activities**

- Academic and Administrative audit for academic year 2018-19 to 2020-21 was conducted on 18th October 2022
- The Biodiversity audit was conducted by Dr. Arti Goggi and Mrs. Poonam Nagarkar and submitted the report.

**Achievements**

- SYBSc students Om Sontakke, Komal Bengude, Anjali Dhote, Sharwari Narnaware and Radhika Sapar presented their project at College level and zonal level research project competition. These competitions were held on 15the September 2022 and 7the December 2022 respectively.
- Om Sontakke and Ram Chitale have received second prize at inter college model presentation competition held at Abeda Inamdar College on 4th February 2023.
- Om Sontakke and Ram Chitale have received consolation prizes at the National Science exhibition held at GMRT, TIFR, Khodad on 28th February and 1st March 2023.

- Komal Bengude and Anjali Dhote have participated and presented their model at the National Science exhibition held at GMRT, TIFR, Khodad, Tal-Junnar, and Pune on 28th February and 1st March 2023.

**By Teaching Staff members**

- The staff members from UG participated in the national conference on National Education Policy held on 14th February 2023 and 15th February 2023.
- Dr. R. B. Barmukh published a research paper in an International journal. Under his guidance Ganesh Mankar is awarded a PhD degree.
- Dr. U.R.Wayase has been recognized as a PhD guide by SPPU in Botany subject.
- Dr. Arti Goggi finished a Two week online Refresher course in Natural Science conducted by Ramanujan College, University of Delhi from 28th June 2022 to 12th July 2022. She has also participated in a workshop on Angiosperms Systematics on 9th January 2023.
- Dr. K. D. Gopale was appointed as BOS Member in Botany at S. N. Arts, D. J. Malpani Commerce and B. N.Sarda Science College (Autonomous), Sangamner. He is also a BOS Member in Botany Tuljaram Chaturchand College of Arts, Science and Commerce College (Autonomous) Baramati.
- Dr. Ravisha Sawant Published a chapter **"Microgreens and its Benefits" i**n the book named EMERGING TRENDS IN LIFE SCIENCES, Scieng Publications, Volume I, ISBN:978-81-9555557-2-7. She has received **"India Prime Icon Award 2022"** for Education & Social Leadership by Foxclues. She has worked as an editor for **"Futuristic Trends in Biotechnology " IIP** Proceedings, Volume 2, Book 27, Part 1.ISBN: 978-93-95632-88-1 Publication date 1st November 2022. Also maintained the Green house in the College premises with the help of PG students. Planted Areca Palms in College premises for beautification purposes.
- Miss. Ashwini Shivaji Gaikwad organized a one day visit to seed testing laboratory Krishi Bhavan Shivaji Nagar Pune 05 for TYBSc students to study different techniques in seed testing. She has coordinated students to present projects at GMRT (Giant Metrewave Radio Telescope) Khodad, Pune on the occasion of Science day, 28th February 2023.

**- Dr. Neeta M. Patil**
Head, Dept. of Botany

# Department of Chemistry

**PART A**

**DIQAC Composition and Activities**

| Sr. No | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Harsh K. Gaikwad | HoD and Chairperson of DIQAC | 9890143098 | hodchemistry@moderncollegepune.edu.in |
| 2 | Dr. Sachin S. Sakate | Associate Professor | 9822021501 | sakatechemistry@moderncollegepune.edu.in |
| 3 | Mrs. Pratibha B. Suryawanshi | Assistant Professor | 8975598402 | suryawanshichemistry@moderncollegepune.edu.in |
| 4 | Dr. Rohidas M. Jagtap | Associate Professor | 9881378990 | jagtapchemistry@moderncollegepune.edu.in |
| 5 | Mr. Amol S. Warangule | Assistant Professor | 8408848248 | warangulechemistry@moderncollegepune.edu.in |
| 6 | Mrs. Lalita T. Bhirud | Assistant Professor | 9503320625 | ranechemistry@moderncollegepune.edu.in |
| 7 | Mrs. Manisha J. Kashid | Assistant Professor | 9763210989 | kashidchemistry@moderncollegepune.edu.in |
| 8 | Mrs. Sheetal R. Kalegaokar | Assistant Professor | 8888594288 | kalegaokarchemistry@moderncollegepune.edu.in |
| 9 | Ms. Snehal V. Sawant | Assistant Professor | 9823337904 | sawantchemistry@moderncollegepune.edu.in |
| 10 | Mr. Vikram G. Bhumkar | Assistant Professor | 9766500823 | bhumkarchemistry@moderncollegepune.edu.in |
| 11 | Dr. Yogita R. Jaigude | Assistant Professor | 9271224367 | jaigudechemistry@moderncollegepune.edu.in |
| 12 | Ms Tejaswini V. Manolikar | Assistant Professor | 9527410877 | tejamanolikar123@gmail.com |
| 13 | Dr. Yogita Deshpande | Assistant Professor | 9422511945 | - |
| 14 | Dr. Archana R. Deokar | Assistant Professor | 8799812066 | - |
| 15 | Dr. Renu Tupsamudre | Assistant Professor | 9890728697 | - |
| 16 | Poonam R. Mohite | Assistant Professor | 9850425816 | - |
| 17 | Abhijeet Vichare | Assistant Professor | 8975401919 | - |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students [1] Alumni [ ] Others [4]

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [ ] International [ ] National [ ] State [ ] Institution Level [ ]

(ii) Themes:

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year 2022-23

| Sr. No. | Year | Name of the Activity | Activity Report |
|---|---|---|---|
| 1 | 2022-23 | Rasaynika Poster Competition for S. Y. B.Sc. students | Organized on 1st October, 2022 at Department of Chemistry |
| 2 | 2022-23 | Industrial Visit of S. Y. and T. Y. B.Sc. | Mapro Garden, Wai in January 2023 |

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

**Part – B**

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | √ | | |
| PG | 1 √ | | | |
| UG | 1 √ | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 4 | 1 | 3 | | |

2.2 No. of permanent faculty with Ph.D. - 3

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| | | | | | | | | | |

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

| - | - | 13 |
|---|---|---|

| Sr. No | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Mr. Amol S. Warangule | Assistant Professor | 8408848248 | warangulechemistry@moderncollegepune.edu.in |
| 2 | Mrs. Lalita T. Bhirud | Assistant Professor | 9503320625 | ranechemistry@moderncollegepune.edu.in |
| 3 | Mrs. Manisha J. Kashid | Assistant Professor | 9763210989 | kashidchemistry@moderncollegepune.edu.in |
| 4 | Mrs. Sheetal Kalegaokar | Assistant Professor | 8888594288 | kalegaokarchemistry@moderncollegepune.edu.in |
| 5 | Ms. Snehal Sawant | Assistant Professor | 9823337904 | sawantchemistry@moderncollegepune.edu.in |
| 6 | Mr. VikramBhumkar | Assistant Professor | 9766500823 | bhumkarchemistry@moderncollegepune.edu.in |
| 7 | Dr. Yogita Jaigude | Assistant Professor | 9271224367 | jaigudechemistry@moderncollegepune.edu.in |
| 8 | Ms Tejaswini Manolikar | Assistant Professor | 9527410877 | tejamanolikar123@gmail.com |
| 9 | Dr. Yogita Deshpande | Assistant Professor | 9422511945 | - |
| 10 | Dr. Archana R. Deokar | Assistant Professor | 8799812066 | - |
| 11 | Dr. Renu Tupsamudre | Assistant Professor | 9890728697 | - |
| 12 | Poonam R. Mohite | Assistant Professor | 9850425816 | - |
| 13 | Abhijeet Vichare | Assistant Professor | 8975401919 | - |

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

| *Year of award* | *Name of full time teachers receiving awards from state level, national level, international level* | *Designation* | *Name of the award, fellowship, received from Government or recognized bodies* |
|---|---|---|---|
| 2022-23 | Dr. Yogita R. Jaigude | Assistant Professor | Best poster presentation Award in Annual students conference 2022 held in National Chemical Laboratory, Pune |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | | |
| Presented papers | | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1) Use of Ball and stick models

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students | 90 %

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 1 | | | 1 |
| Technical Staff | 4 | 6 | | 13 |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution?/If not,when did he/she leave the institution?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr. H. K. Gaikwad | Ph.D in Chemistry Oct 2019 | Yes | | Yes | Mrs Pratibha B. Suryavanshi | June 2023 | |
| Dr. S. S. Sakate | Ph.D in Chemistry | Yes | | Yes | Mr Vikram Bhumkar | May 2023 | |
| Dr. R. M. Jagtap | Ph.D in Chemistry , March 2019 | Yes | 2021 | Yes | - | - | - |

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph.Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

*Please provide the information in following format as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows

of the staff members in the year

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centres

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters received as annexure*

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| | 90 | 2 | |

(b) No. of students outside the state

| |
|---|
| |

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students

| |
|---|
| |

*Please provide the list of students, Gender, class, category as annexure*

| | No | % |
|---|---|---|
| Men | | |

| | No | % |
|---|---|---|
| Women | | |

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| **Registration number/ Roll number for the exam** | **Names of students selected/ qualified** 1) Ingle Nikhil Vinayak | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **NET** | **IIT-JAM** | **SLET/ SET** | **JRF** | **GATE** | **GMAT** | **CAT** | **GRE** | **JAM** | **IELTS** | **TOEFL** | **Civil Services** | **State government examinations** | **Other examinations conducted by the State / Central Government Agencies (Specify)** |
| 689032 | | | SET | | | | | | | | | | | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills

3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

6.3.2 Teaching and Learning Ball and stick models are used.

lap

6.3.3 Examination and Evaluation

6.3.4 Research and Development

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

All Experiments carried out in Laboratory are based on micro level analysis so that fewer chemicals are required and less chemical waste is generated

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

Department of Chemistry is running Waste water treatment plant to avoid contamination of water by chemicals thrown in laboratory basin

7.6 SWOC Analysis of the Department

8. **Plans of Department for next year**

The Chemistry Department is one of the biggest departments in the college with around one thousand junior wing students, five hundred U.G. students and hundred P.G. students. Under the leadership of Dr. H. K. Gaikwad, Head, Department of Chemistry the department of Chemistry has renovated all the laboratories.

The college has received the DST-FIST Scheme in 2019 in terms of Rs. 1.3 crore funds for development of instrumentation facility for Research and PG students. Under the valuable guidance of the college administration, the "Central Sophisticated Instrumentation Facility" of the college is created at the Department of Chemistry. This well equipped laboratory is fully functional with high end analytical instruments like GC, HPLC, IR, UV, UV-DRS spectrophotometers. Definitely with the utilization of this facility the research quality of the PG and Ph. D students will be enhanced.

In 2022 the Chemistry Department received 'Recognised Ph.D Research Centre in Chemistry' of Savitribai Phule Pune University, Pune and the Ph.D. in Chemistry course is started from the academic year 2022-2023.

**Staff Achievements**

**Dr. H. K. Gaikwad**

1. Elected as a 'Member of Senate of Savitribai Phule Pune University', Pune in January 2023.
2. Received 'Ph. D Recognised Research Guide Status in Chemical Sciences' from Savitribai Phule Pune University, Pune.
3. Published a research paper in an International Peer Reviewed Journal

   Springer Nature, Impact Factor: 2.935

   Photocatalytic hydrogen production reactor system, Vikram Uttam Pandit, Sudhir Sahebrao Arbuj, Shivaji Sandu Pandit & Harsh Kashinathrao Gaikwad, *MRS Communications*, 12, 1190-1196 (2022).

**Dr. S. S. Sakate**

1. Selected as a Member of Syllabus Re-framing Committee of 'SSC Board of Maharashtra'.
2. Written two book chapters in a book entitled 'Advances in Chemistry Research 76' published by 'Nova Science Publisher, USA.'

**i.** Single Crystal X-Ray Structures and Anticancer Activity Studies on Thiazolidine Derivatives

Rohidas M. Jagtap, Sachin S. Sakate, Satish K. Pardeshi, Masood A. Rizvi, 109-145.

ii. Synthesis, Antioxidant and Antibacterial Properties of Thiazolidine-4-Carboxylic Acid Derivatives

Rohidas M. Jagtap, Sachin S. Sakate, Satish K. Pardeshi, Masood A. Rizvi, 255-280.

3. Delivered various lectures on 'UV, IR, NMR and Mass Spectroscopy at Chemistry Ph. D Course Work Program' conducted by C-MET Pune, S.P. College Pune and B. R. Gholap College, Pune.
4. Worked as a Co-ordinator of 'Central Sophisticated Analytical Instrumentation Facility' (CSAIF) of MCASC, Pune 5.
5. Guided Eight M. Sc II Analytical Chemistry (2022-2023) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.
6. Organized various 'Hands on Training Courses on Sophisticated Analytical Instrumentation' for P.G. Students and Teachers of MCASC, Pune 5.
7. Worked as 'Chairperson of Refresher Committee of Annual Social Gathering 2023' of MCASC, Pune 5.

**Dr. R. M. Jagtap**

1. Promoted as an 'Associate Professor in Chemistry' in June 2022.
2. Published two research paper in the International Peer Reviewed Journals

i. Springer Nature, Impact Factor: 2.22

Optical second harmonic generation studies of pure and glycine-doped bisthiourea copper/cadmium adipates, M. N. Raste, R. M. Jagtap, S. K. Pardeshi, *Journal of Materials Science: Materials in Electronics* 2022, 33 (14), 10785-10799.

ii. Wiley-VCH GmbH, Weinheim, Impact Factor: 2.307

Selective one pot multicomponent green synthesis of 3-[(aryl)(arylthio)methyl]-1H-indole derivatives utilizing enhanced Lewis acidic sites of Surfactant-assisted ZnO catalyst, V. B. Sangale, R. M. Jagtap, S. K. Pardeshi, *ChemistrySelect*, 2023, In press.

3. Wrote two book chapters in a book entitled 'Advances in Chemistry Research 76' published by 'Nova Science Publisher, USA.'

**i.** Single Crystal X-Ray Structures and Anticancer Activity Studies on Thiazolidine Derivatives

Rohidas M. Jagtap, Sachin S. Sakate, Satish K. Pardeshi, Masood A. Rizvi, 109-145.

**ii.** Synthesis, Antioxidant and Antibacterial Properties of Thiazolidine-4-Carboxylic Acid Derivatives

Rohidas M. Jagtap, Sachin S. Sakate, Satish K. Pardeshi, Masood A. Rizvi, 255-280.

4. Presented a research paper entitled 'Oxalate and adipate mediated fabrication of CuO nanocrystallites for their electrochemical and supercapacitance studies' S. S. Sawant, T. V. Manolikar, M. D. Babar, S. S. Sakate, S. K. Pardeshi* and R. M. Jagtap* at the International Conference on Interdisciplinary Approach in Sciences Towards Green Technology (IASGT-2023) organized by S. M. Joshi College Hadapsar, Pune on 5th and 6th April 2023.
5. Guided three M. Sc II Analytical Chemistry (2022-2023) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.
6. Worked as an 'External Examiner for M. Sc II Organic Chemistry Practical Examinations' at Fergusson College (Autonomous), Pune-4 on 28th and 30th November, 2022.
7. Worked as a 'question paper reviewer for T. Y. B. Sc Chemistry' at Fergusson College (Autonomous), Pune-4 in December, 2022.
8. Worked as an 'External Referee for Chemistry Ph. D. pre-submission presentation' at S. P. College (Autonomous), Pune on 17th February, 2023.
9. Attended a one day workshop on 'Academic Bank of Credit' organized by DHE, Maharashtra at Mumbai University on 17th March, 2023.
10. Attended a two days National Conference on 'Transformations and Changing perspectives in Indian Higher Education' organized by CHRIST (Deemed to be University), Bangalore on 21st and 22nd September, 2022.
11. Delivered a talk on 'Career Guidance in Chemistry' for UG-PG students on 4th March, 2023.
12. Worked as an Evaluator for 'Model Competition' organized by Microbiology Department on 25th February, 2023 at Department of Microbiology, MCASC, Pune 5.

**Prof. P.B. Suryawanshi**

1. Organized a study tour of T.Y.B.Sc Chemistry to 'Mapro Industry in the month of February 2023.
2. Attended two days seminar on NEP conducted by Modern College Pune 5 in the month of February

**Prof. Vikram G. Bhumkar**

1. Qualified CSIR-UGC NET Examination in Chemical Sciences conducted on 16th September 2022 with AIR 81
2. Attended 4th NCL-RF Annual Student Conference on 29th and 30th November, 2022 Organised by Research Students, CSIR-National Chemical Laboratory, Pashan, Pune-411008
3. Attended two days National Conference on 'Implementation of National Education Policy, 2020' Organized By Department of Computer Science, *Progressive Education Society's* Modern College of Arts, Science, & Commerce, Pune 411005 In association with Savitribai Phule Pune University, Pune under the Quality Improvement Program.

4. Worked as a member of Organizing Committee of **'Rasayani Poster Competitions'** for S.Y.B.Sc students in October, 2022 at Department of Chemistry, Modern College of Arts, Science and Commerce (*Autonomous*) Shivajinagar, Pune – 05
5. Registered for Ph. D under the guidance of Dr. S. S. Sakate (Associate Professor), Department of Chemistry, Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune-05

**Prof. Ganesh Nehare**

1. Registered for Ph. D in Chemical Sciences w.e.f. 26/08/2022 under the guidance of Dr. Doke Kailas Mahadeo (Professor) in MCE Society's Abeda Inamdar Senior College of Arts Science and Commerce.
2. Worked as an External Examiner in T. Y. B. Sc. Chemistry, Practical Examination of Savitribai Phule Pune University, Pune and Waghire College, Saswad, Pune for Oct/Nov-2022 examinations at Annasaheb Magar College, Hadpsar, Pune center in January 2023.
3. Worked as an External Examiner in F. Y. B. Sc. Blended Chemistry Practical Examination for March/April-2023 examinations at Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05 in January 2023.
4. Organized a one day study tour for F. Y. B. Sc. Chemistry students at 'Mapro Food Industry' on 04th February, 2023.
5. Attended two days National Conference on 'Implementation of National Education Policy, 2020' Organized By Department of Computer Science, *Progressive Education Society's* Modern College of Arts, Science, & Commerce, Pune 411005 In association with Savitribai Phule Pune University, Pune under the Quality Improvement Program.

**Prof. Amol Warangule**

1. Attended a One-day National Workshop on Research Methodology & Plagiarism on Wednesday 18th January 2023 organized by 'Swami Ramanand Teerth university'.
2. Organized a one-day study tour for F. Y. B. Sc. Chemistry Students at Mapro food industry on 04th February 2023.
3. Attended two days National Conference on 'Implementation of National Education Policy, 2020' Organized By Department of Computer Science, *Progressive Education Society's* Modern College of Arts, Science, & Commerce, Pune 411005 In association with Savitribai Phule Pune University, Pune under the Quality Improvement Program.

**Departmental Achievements**

**'Rasaynika' Poster Competition**

Rasaynika Poster Competition was organized for S.Y.B.Sc students on 1st October, 2022 at Department of Chemistry, Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune-05.

**Judges for competition:**

1) Dr. Abhijit Chavan
   Professor in Chemistry, S. P. College Pune
2) Dr. Sachin Sakate
   Associate Professor in Chemistry, Modern College Pune
3) Nageshwar Khupse
   Scientist D, CMET Pune

**List of Students with Poster Topic:**

**Name of the Topic - Name of the Student**

1 Chemistry of Chocolate - Suresh Tele, Shubham Yadav

2 Chemistry of Coffee - Aditya Shinde, Nikhil Ghawate

3 Chemistry of Milk Processing - Ashish Patil, Vishakha Jadhav

4 Enantiomers in Everyday Life - Pranjal Nevase, Sakshi Kenjale

5 Green Polymer - Vrushali Waghmode, Vinita Ghunakikar
6 Chemistry Behind Soft Drinks - Samruddhi Ovhal, Khushboo Mehroliya
7 Natural Products in Everyday Life - Navya C.K., Pratiksha Ghule
8 Paint and Pigments Chemistry - Amruta Gachande, Krutika Pawar
9 Glues and Adhesives Chemistry - Siddharth More, Ekta Jadhav
10 Soaps and Detergent Chemistry - Yash Ghadage, Sanika Raikar
11 Paracetamol - Bhushan Shinde, Vaishnavi Adgale
12 Ibuprofen - Vaishnavi Pawar, Sagar adasul
13 Fiber to Fabric Chemistry - Arshiya Kulkarni, Ashwini Shinde
14 Chemistry in Energy Storage - Disha Gugale, Akanksha dhamdhare
15 Photoluminescence in Fire Flies - Anjali dhote, Om sontakke
16 Chemistry in Diet - Sakshi Kuchekar, Janvi Sapkale
17 Chemistry in Food and Preservatives - Atharv londhe
18 Poison and Chemistry - Fiza Mulani, Santoshi Bhendavadekar
19 Biomolecules - Sandip Valvi, Pramod survase
20 Chemistry behind Different Feelings - Reshma Yadav, Taskeen Shaikh
21 Chemistry in Cosmetics - Shrikant Dinde, Vaibhav Waghmode
22 Chemistry and Electronic (Semiconductor Material) - Mayuri Birajdar, Sidhant Navgire
23 Chemical Sensor - Shrutika Pawar, Kajal Solanki
24 Barbiturates - Deoshree Jawalkar, Samanaa Mutalik
25 Indicators (Natural) - Shravani Kurne, Vaishnavi Hulawale
26 Glass - Hiya Pujara, Sadhvi Paygude
27 Forensic Science - Samar Patil, Sairaj Raut
28 Synthesis of Ammonia - Ankita Ghongade, Sakshi Pawar
29 Nanomedicines - Zahara Turab, Rucha Kulkarni
30 Detecting Drug Bbuse in Sport - Harshada Deshpande, Payal Nivangune
31 Lead in the Environment - Vidhita Gaikwad, Gargi Halbe
32 Medicinal Applications of Iodine - Rutuja Zinge, Yash Visnagaraar
33 Medicinal Properties of Radium - Dhaval Takavle, Aditya Gunjkar
34 What's in your Strawberries? - Tejas Talape, Vaibhav Domale
35 Eradicating Malaria - Sejal Darekar, Aman Khilare
36 A Wine Tour - Shreya Ghanwat, Tejashree Kute
37 Insect Repellants - Om Jadhav, Vaishnavi Dhumal
38 Nitrous Oxide - Shehal Ranpise, Archie dhoka
39 Particle Size Analysis - Pushkar Khedkar, Sakshi Lohakare
40 Coffee: Friend or Fee - Pawanraje Gaikwad, Shivani Supekar
41 Hydrogen Fuel Cells - Sanket Phatangare, Shruti Patil
42 New Materials for Lightweight Aircraft - Isha Deshpande, Kunal Wayakar
43 Chemistry of diamonds - Chaitanya Nalavde, Ganesh Gaikwad
44 Nanosilver in the Environment - Raj Pawar, Neha Chothe
45 Desalinating Water for Future Supply - Sahil Kumar, Avadhoot Gaikwad
46 The chemistry of early life - Aditya Mane, Sourabh Dubey
47 The Discovery of DNA - Priyanka Korde, Aditya lonkar

48 Smart Clothing - Sujata Age, Chinmay Geet
49 Solid Oxide Fuel Cells - Lakshmi Jadhav, Arti Shinde
50 Uses of Electrochemical Cells - Kunal Chauhan, Sakshi Balghare
51 Ozone: Protector or Polluter - Avishkar Taur, Shrikar Ghorpade
52 Acid Rain - Kartiki Belsare, Chaitali Sonawane
53 Fingerprint Detection - Shravani Dhok, Shlok Ninawane
54 Modern Fibres for Future Clothing - Prasanna Waikar, Yogini Chaudhari
55 Clean Water Supply - Ram Chitale, Sindhu Nair
56 Air Analysis - Sakshi Ghabale, Sakshi Kadam
57 Explosive Chemistry - Vedant Wadke, Abhishek Daware
58 Chemistry at the Origin of Life - Aastha Singh, Samruddhi Shinde
59 Smart Glass - Dnyaneshwari Waman, Vaishnavi Ghule
60 Chemistry in Spices - Komal Bengude, Charan Mali
61 Marine Chemistry - Mohite Patil, Prathamesh Ghodke
62 Chemistry in Asteroid - Raj Pawar, Teja Vidhate
63 Catalyst - Ashruba Deshmukh

**Industrial Visit**

**Date of visit: 04/02/2023**

**Company: Mapro Food Industry Pvt Limited (Wai Industrial Area, Dist-Satara)**

An industrial visit to " **Mapro Food Industry Pvt Limited"** Wai Industrial Area, Dist.-Satara, Maharashtra was successfully organized by the **Department of Chemistry for F. Y. B. Sc Students** on Saturday, 04/02/2023. Fifty-seven students and seven faculties visited Mapro Food Industry Pvt Limited to understand how the production activity, management process, technology works and also to acquire knowledge and experience.

The industrial visit to Mapro Food Industry Pvt Limited enriched the student's knowledge and experience and also provided a great opportunity to learn practically through demonstration, interaction, exchange of Information and Employment practices which will help the students in their further career growth.

**- Dr. Harsh Gaikwad**
Head, Dept. of Chemistry

# Department of Computer Science

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof.S.S.Deshmukh | HoD and Chairperson of DIQAC | 9922007315<br>8149899090 | hodCompSci@moderncollegepune.edu.in<br>ssd0703@gmail.com |
| 2 | Prof. Manisha Suryawanshi | Member 1 | 9423507641 | manisha17sep@hotmail.com |
| 3 | Prof. Sheetal Patil | Member2 | 8888880166 | patilcompsci@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No.

1. Faculty 5
2. Non-Teaching Staff : 3
3. Students: 8
4. Alumni : 2
5. Others : 4

2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

| Total Nos. | | International | | National | 1 | State | | Institution Level | |
|---|---|---|---|---|---|---|---|---|---|

(ii) Themes :National Education Policy

**REPORT**

**National Conference on Implementation of National Education Policy 2020 with special reference to Adoption of Guidelines on NHEQF and curriculum framework and Credit System**

This conference was organized by Department of Computer Science with association with Library and Information centre on 14th and 15th February 2023. Prof. Dr. Nitin Karmalkar, ex Vice Chancellor, SPPU delivered the keynote talk.

Other eminent speakers, Dr. Pandit Vidyasagar, Dr. Rajesh Khambayat, Dr. Beena Inamdar, Shri Anand Mapuskar, Prof. A.G. Gosavi, Prof. Deepa Garag, Dr. R.S. Mali, Dr. Vijay Khare, Dr. Sanjay Kharat and Prof.Dr. Parag Kalkar delivered talk on important aspects of National Education Policy.

**Theme of the talks were:**

1. Impact of NEP on Indian Education System
2. Four Years UG Programme
3. Multiple Entry-Exit System
4. Multidisciplinary Education
5. Dual Degree Programme
6. Academic Bank of Credits
7. Skill Development and Entrepreneurship
8. Vocational Education
9. Digital Education
10. Internationalization of Education
11. Examination reforms
12. Distance and Open Learning
13. Clustering of Colleges and Autonomy

Creating awareness to all the stakeholders

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- Kartikeya RindaniIntercollegiate Programming and Quiz Contest (3-4th February 2023)
- R.M. Marathe Programming Competition (13th January 2023)
- National Conference on NEP (14th-15th Feb 2023)
- Admission Counselling round
- Placement Activity
- Personality development workshop
- Seminars
- Workshop
- Group Discussion
- Mock Interview
- On-line Admission process for all the courses
- Conducting M.Sc. (CS) and M.Sc. (CA) Entrance Examination at Mass Level
- Student/Career Counseling
- "Zaroka" - The Desktop article column

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| • Distribution of credits for per subject per course | • Implementation of syllabus<br>• Feedback analysis<br>• Practical slip preparation<br>• Conduction of regular practicals<br>• Result analysis<br>• Subject distribution as per areas of interest |

** Attach the Academic Calendar of the year as Annexure.*

| **Month** | **Tentative Dates/ Week** | **Description** |
|---|---|---|
| May | 1st May | Maharashtra Day |
| June | June First and Second Week | Undergraduate Admission Process<br>PG Entrance examination<br>UG and PG admission counselling round |
| | 14th June | Meeting of teaching and non-teaching staff for planning for academic year |
| | 19th June | Commencement of Teaching Learning Process |
| | | Celebration of Foundation Day of College |
| | 21st June | Celebration of International Yoga Day |
| | Third / Fourth Week | Commencement of lectures for all classes |
| July | First Week | First Year UG Induction program |
| August | First week | Orientation program for first year UG students |
| | Second week | Orientation program for first year PG students |
| | 15thAugust | Independence Day |
| September | Second Week | Commencement of lectures for PG |

| Month | Tentative Dates/ Week | Description |
|---|---|---|
| | 2nd October | *Gandhi Jayanti* |
| October | Third and Fourth Week | FY, SY and TY CIE backlog Exam |
| *Diwali* Vacation 12th November 2020 - 19th November 2020 | | |
| November | First and Second week | FY,SY and TY UG ESE Examination |
| | Third and Fourth Week | FY,SY and TY UG Practical Examination |
| December | 1st December – 20th December 2022 | Vacations |
| | Third week | Sem-II Commencement |
| | Fourth Week | PG Examination |
| January | 25th January | Kanitkar Day |
| | 27th and 28th January | Annual Social Gathering |
| February | 3rd and 4th February | Kartikeya Rindani Programming Competitions |
| March | First Week | Paper Setting |
| | Second Week and Third week | UG ESE Examinations |
| April | First and Second Week | UG Practical Examinations |
| | Third Week and fourth Week | UG Practical Examinations |
| May | First and second week | PG Backlog and External Practical Examination |
| | | Term II Commencement |

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 2 | | | |
| UG | 2 | | | |
| PG Diploma | 1 | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : 4

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System-5

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| **Name of the value-added courses (with 30 or more contact hours) offered** | **Course Code, if any** | **No. of times offered during the year** | **Duration of course (in hours)** | **Number of students enrolled during the year** | **1.3.3 Number of students who completed the course during the year** |
|---|---|---|---|---|---|
| Human Rights-I | 19CpHrtP102 | **1** | **3 Months** | **90** | **90** |
| Human Rights-II | 19CpHrtP202 | **1** | **3 Months** | **90** | **90** |

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **MSC CA Internship for Sem-4** | **37** |
| **MSC CS Internship for Sem-4** | **65** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers usingICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 22 | 22 | Yes | 10 | 10 | **printers, computers, laptops, tablets, etc., to software tools such as Google Meet, Google Spreadsheets,Virtual Meetings, Microsoft Team** |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 10 | 10 | Nil | Nil | Nil |

2.2 No. of permanent faculty with Ph.D. : 3

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| | | | |
|---|---|---|---|
| No. of Guest and Visiting faculty and Temporary faculty | 4 | 3 | 12 |

*Pl. Provide the list of visiting faculty as annexure*

***list of visiting faculty***

1) *Mr.Hrishikesh Joshi, Cyber Security*
2) *Kunal Pagaria, UI/UX*
3) *Deven Patil, Dot Net*
4) *Piyush Thankre, UI/UX*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | - | 25 | - |
| Presented papers | - | 6 | - |
| Resource Persons | - | - | - |

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Usage of E-learning – resource
2. Visits to the library and access of internet helps to know about the latest trends in technology and many applications
3. Usage of ICT infrastructure to prepare computer aided teaching and learning material
4. Conduct of Carrier Guidance and counselling activities
5. Conduct of remedial /backlog classes and special classes for slow learners so as to improve the learning skills of the student
6. To teach content beyond the syllabus

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1 | **Prof. S.S. Deshmukh** | Participated in 'Higher Education Conclave' Decoding NEP 2020- The way Ahead, organized by MasterSoft in association with Microsoft | on 24th March 2023 |
| | | Participated in one day workshop with respect to Institutional Development plan organized by Higher Education Department, Government of India | |
| | | Working as a member of Academic Council inNew Arts, Commerce and Science College(Autonomous), Ahmednagar | Academic year 2022-23 |
| | | Working as a member of Academic Council inTuljaramChaturchand College, Baramati | Academic year 2022-23 |
| | | Working as a Member of 'Observer committee' of Autonomy implementation in Indira College of Science and Commerce, Tathawade, Pune | Academic year 2022-23 |
| 2 | **Dr.Kalyani Salla** | Worked as Chairperson for preparation of 'Programming in Go' theory and Practical syllabus for T.Y.B.C.A. Science (2019 Pattern), SPPU | July 2022 |
| | | Working as sub committee member, BOS, B.Sc. Cyber and Digital Science | July 2022 |

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Creating opportunities for students to engage with the material actively, such as through group work, discussions, or hands-on activities.
- Combining face-to-face instruction with online learning activities to create a more flexible and personalized learning experience
- Presenting students with real-world problems to solve, encouraging them to think critically and develop problem-solving skills.
- Promoting teamwork and collaboration among students, encouraging them to learn from each other and share their knowledge and skills
- Execution of mini projects, videos, online certification and encouraging bright/ weak students

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 5 | | | |
| Technical Staff | 2 | | | |

- **Lab Assistant:1**
- **Lab Attendant:2**
- **Peon:2**
- **H/W Engineers:2**
- **Lab Instructors:6**

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | 6 | |

*Please provide the information in following formatas annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| | **Prof. Manisha Suryawanshi** | ' A Case Study : Entrepreneurship Experiential Learning Activity' with reference to NEP 2020' | Aspects of National Education Policy: 2020 | 1st Edition, 14th Feb ISBN: 978-81-957783-7-9 | |
| | **Prof. Shweta Jawale** | ' A Case Study : Entrepreneurship Experiential Learning Activity' with reference to NEP 2020' | Aspects of National Education Policy: 2020 | 1st Edition, 14th Feb ISBN: 978-81-957783-7-9 | |
| | **Dr. Kalyani Salla** | 'Optimal Ranking of Air Quality Monitoring Stations and Thermal Power Plants in a Fuzzy Environment' | DOI:10.1002/9781119569503.ch6in the book: Fuzzy Systems Modeling in Environmental and Health Risk Assessment, , John Wiley & Sons Publication | ISBN:9781119569473, Online ISBN:9781119569503 | |
| | | 'Creative scheduling App for staff and students with special reference to NEP 2020' | Aspects of National Education Policy: 2020 | 1st Edition, 14th Feb ISBN: 978-81-957783-7-9 | |
| | **Dr. Shilpa Dange** | 'New Education Policy: Implementation and challenges' | Aspects of National Education Policy: 2020 | 1st Edition, 14th Feb ISBN: 978-81-957783-7-9 | |
| | **Prof. Madhuri Ghanekar** | Opinion Survey about Academic bank of credits | Aspects of National Education Policy: 2020 | 1st Edition, 14th Feb ISBN: 978-81-957783-7-9 | |
| | **Prof.Sonali Deshmukh** | National Education Policy: 2020: Digital Infrastucture and ground realities | Aspects of National Education Policy: 2020 | 1st Edition, 14th Feb ISBN: 978-81-957783-7-9 | |

*Please provide scan copies of the papers publishedas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]

ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given belowas annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

| Level | International | National | State | University | College |
|---|---|---|---|---|---|
| Number | | 1 | | | |
| Sponsoring agencies | | | | | |

3.12 Details faculty served as experts, chairpersons or resource persons

| Sr. No. | Name of the Staff Member | Role | Name of Conference / Seminar / Symposia |
|---|---|---|---|
| 1 | Dr. Kalyani Salla | Worked as Chairperson for preparation of 'Programming in Go' theory and Practical syllabus for T.Y.B.C.A. Science (2019 Pattern) | TYBCA Science Syllabus setting |
| 2 | Prof. Manisha Suryawanshi | Resource Person for Pre-Placement Guidance Session on Career Opportunities in IT Industry | at Abasaheb Garware College, Pune |
| 3 | Prof.Manisha Suryawanshi | Coordinated TCS_NQT examination for students in collaboration | Modern College Pune |
| 4 | Prof. Sonali Deshmukh | Assistant coordinator for two days national conference ' National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program ' | Modern College Pune |

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

| Type of Patent | Name of Staff Members(s) | | Number |
|---|---|---|---|
| National | | Applied | |
| | | Granted | 1 |
| International | | Applied | |
| | | Granted | |
| Commercialised | | Applied | |
| | | Granted | |

3.17 No. of research awards/ recognitions received by faculty and research fellowsOf the staff members in the year

*Please provide the scan copies of the certificatesas annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | - | 25 | - | - |
| Presented papers | - | 6 | - | - |
| Resource Persons | - | - | - | - |

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of Activity | Participant | Source of financial support | Duration |
|---|---|---|---|
| - | **-** | - | **-** |

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration **(From-To)** | participant |
|---|---|---|---|---|
| - | - | **-** | - | **-** |

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose and Activities | Number of students/teachers participated under MoUs |
|---|---|---|---|
| - | - | - | - |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Many students actively participated in many Extension activities conducted by NSS

**Criterion – IV**

**4. Infrastructure and Learning Resources**

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 160 | 5 | 5 | 5 | 5 | 0 | 1 | 200 MBPS | |
| Added | | | | | | | | | |
| Total | 160 | 5 | 5 | 5 | 5 | 0 | 1 | 200 MBPS | |

4.4 Technology up gradation (Department level)

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

Active Placement cell, Motivation towards research, motivated the students to participate in workshops/Seminars, Science Exhibitions etc. Orientation sessions were conducted by the mentor for the newly admitted students in all the departments, Each department organized and encouraged students for many activities

5.2 Efforts made by the Department for tracking the progression

1. Analysis of results was done
2. Remedial coaching was conducted after tracking
3. Bridge / extra lectures for better understanding planned
4. Soft skills
5. Language and communication skills
6. Life skills (Yoga, physical fitness, health and hygiene)
7. ICT/computing skills

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 771 | 214 | | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students :26

*Please provide the list of students, Gender, class, categoryas annexure*

| Class | Male | Female | Total |
|---|---|---|---|
| FYBCA | 49 | 39 | 88 |
| SYBCA | 49 | 32 | 81 |
| TYBCA | 67 | 29 | 96 |
| FYBCS A | 59 | 43 | 102 |
| SYBCS A | 39 | 36 | 75 |
| TYBCS B | 41 | 28 | 69 |
| FYBCS B | 67 | 34 | 101 |
| SYBCS B | 46 | 30 | 76 |
| TYBCS A | 54 | 29 | 83 |
| MSC CA I | 28 | 13 | 41 |
| MSC CA II | 24 | 13 | 37 |
| MSC CS II | 34 | 31 | 65 |
| MSC CS I | 49 | 22 | 71 |
| Total | 606 | 379 | 985 |
| Percentage | 61.52 % | 38.50 | |

Men

| No | % |
|---|---|
| | |

Women

| No | % |
|---|---|
| | |

5.2.1 - Number of outgoing students who got placement during the year : 35

| **Name of student placed with his/her contact details** | **Programme completed** | **Name of the employer with contact details** | **Pay package at the time of appointment** |
|---|---|---|---|
| **Vishal Eknath Mahale** | **M.Sc. CS** | **Mahi Tehchnologies** | **1,80000** |
| **Vinit Mali** | **M.Sc. CS** | **EaseUpgrade Solutions** | |
| **Vikram Singh** | **M.Sc. CS** | **Cravita Technologies** | |

| | | | |
|---|---|---|---|
| **Velly Borges** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **VaishanviHagawane** | **M.Sc. CS** | **Viavi Solutions India Pvt. Ltd** | **4 lac 87000** |
| **Simran Sawaratkar** | **M.Sc. CS** | **Omniscient Technologies** | **21,000/month** |
| **Sidhant Bokephode** | **M.Sc. CS** | **Sateri Digital** | |
| **Sidhhesh Kolhe** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Shreya Deokar** | **M.Sc. CS** | **CDAC** | |
| **Shekhar Chand** | **M.Sc. CS** | **IndiaTechsoft** | |
| **ShamraoGavane** | **M.Sc. CS** | **GTL Infotech** | |
| **Sakshi Deshpande** | **M.Sc. CS** | **Bitwise Solutions** | **3,84,000** |
| **Riya DHeniya** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Prasad Patil** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Prajakta Dhage** | **M.Sc. CS** | **GTL Infotech** | |
| **Omkar Gharat** | **M.Sc. CS** | **B-eye Business Solutions** | **400348** |
| **Omkar Deshpande** | **M.Sc. CS** | **Accenture** | **3,33,500** |
| **Shubham Narawade** | **M.Sc. CS** | **KAI Technologies** | |
| **Akashkumar Gautam** | **M.Sc. CS** | **SAS Pvt Ltd** | **7,83000** |
| **Lalit Badgujar** | **M.Sc. CS** | **Beleben Technologies LLP.** | **10000/month** |
| **Mahesh Chaudhari** | **M.Sc. CS** | **Syvylyze** | **2,40000 Lacs** |
| **Madhuri Mhaske** | **M.Sc. CS** | **Efficient Globetech Solutions** | |
| **Krutika Wagh** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Janhavi Khairnar** | **M.Sc. CS** | **B-eye Business Solutions** | **400348/-** |
| **Jagruti Rane** | **M.Sc. CS** | **Quinstreet S/W Pvt Ltd** | **30000/-** |
| **Ishan Dorge** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Rohan Mukund Parande** | **M.Sc. CS** | **Cravita Technologies** | |
| **Abhishek Ajay Vanjari** | **M.Sc. CS** | **Cravita Technologies** | |
| **Ms. Apurva Narayan Lote** | **M.Sc. CS** | **TRON SOFTECH** | |
| **Ajinkya Kharade** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Durvesh Ramane** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Dipali Sahebrao Patole** | **M.Sc. CS** | **Yalmar Infotech Pvt. Ltd..** | **390000/** |
| **Ashwini Patil** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Ashwini Kulkarni** | **M.Sc. CS** | **Quorum Software** | **20000/month** |
| **Akshata Kulkarni** | **M.Sc. CS** | **Sateri Digital** | |

| ***On campus*** | | | ***Off Campus*** |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 4 | 90 | 20 | 15 |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| Registration number/ Roll number for the exam | Names of students selected/ qualified | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NET | IIT-JAM | SLET/ SET | JRF | GATE | GMAT | CAT | GRE | JAM | IELTS | TOEFL | Civil Services | State government examinations | Other examinations conducted by the State / Central Government Agencies (Specify) |
| | | | | | | | | | | | | | 1 | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

| Sr. No. | Name | Class | Level Zonal/ State/ National/ International | Details of Prize/ Participation |
|---|---|---|---|---|
| 1 | Abhishek Sanjay Patil | T.Y.B.Sc. CS Div B | State | Inter Group Competition, Held at NCC Group HQ, Pune |
| 2 | Abhishek Sanjay Patil | T.Y.B.Sc. CS Div B | Zonal | AAVISHKAR-2022 Zonal Level Research Project Competition |
| 3. | Soham Prashant Jadhav | T.Y.B.Sc. CS Div A | National | 84th Senior National Badminton Championship |
| 4. | Omkar Satish Bathe | M.Sc. CS Part – 1 | National | National Conference on NEP 2020 - Research Paper Presentation |
| 5. | Shailesh SudamAbuj | T.Y.B.S.C(CS)D-A | International | US Chess Federation (USCF) Tournament -2023 |
| 6. | Mohini Dipak Chaudhari | M.Sc. CA Part 1 | Zonal | Best Student Award |
| 7. | Mohini Dipak Chaudhari | M.Sc. CA Part 1 | Zonal | Elocution Competition at Savitribai Phule Pune University |
| 8. | Mohini Dipak Chaudhari | M.Sc. CA Part 1 | Zonal | Certificates from Google, Microsoft for doing course and a mini project in Backend Web Development using Javascript, Node.js and Express |
| 9 | Dinesh Durgaram Chaudhari | FY BSC CS Div. B | Zonal | Kartikeya Rindhani Intercollegiate Programming Competition 2023 |
| 10 | ANIRUDH RAMCHANDRA | FY BSC CS DIV: A | STATE | Inter Group Competition, Held at NCC Group HQ, Pune |

| | | | | |
|---|---|---|---|---|
| | MALI | | | |
| 11 | Vishwaja Rajesh godge | Msc (CS)part 1 | Zonal | Attending bootcamp based on html,css on google drive clone |
| 12 | Vishwaja Rajesh godge | Msc(CS) part 1 | Zonal | Microsoft Student ambassador (google drive clone) |
| 13 | Sarth Ganesh Ambale | TY BSc CS Div:A | | Tree plantation, narcotics pledge, |
| 14. | Omkar Santosh Lokhande | FY BSC CS DivB | National & Zonal | Space researcher by OrbitX.pvt for project of ATAL YAAN (REUSABLE LAUNCH VEHICLE).<br>Central Vigilance commission Certificate.<br><br>Certificate is of HTML Course completion certificate by N.S.D.C and Skill India.<br><br>Java development and DSA course Certificate.<br><br>Kartikeya Rindhani Intercollegiate Programming Competition 2023.<br><br>Webinar on how to create live working website. |
| 15 | Mayuresh Satish Pawashe | MSC (CS) part 1 | Zonal | First in Aptitude (Spandan Event) |
| 16 | Megha Vijay More | FYBCA(science) | Zonal | Kartikeya Rindani Quiz Competition 2023 |
| 17 | AJIT SINGH MADAN SINGH PANWAR | FYBCA(science) | Zonal | Kartikeya Rindani Quiz Competition 2023 :- 3rd Rank<br>Certificate is of HTML Course completion certificate by Skill academy |
| 18 | Prutha Rajesh Dongre | FYBCA(science) | Zonal | Kartikeya Rindani Quiz Competition 2023 |
| 19 | amiksha Ramdas More | T.Y.B.Sc. CS Div B | National | All India Nau Sainik Camp held at Vishakapatnam |
| 20 | Samiksha Ramdas More | T.Y.B.Sc. CS Div B | State | Shooting Competition Held at NCC HQ |
| 21 | Suraj Gorakh Naikwade | FYBCA (Science) | Zonal | Kartikeya Rindani Poster Competition 2023 |
| 22 | Pratiksha Ramdas More | T.Y.B.Sc. CS Div B | National | All India INA Attachment Camp Held at INA(Ezhimala) |
| 23 | Pratiksha | T.Y.B.SC | State | Inter Group Competition Held at |

| | | | | |
|---|---|---|---|---|
| | Ramdas More | CS Div B | | Nashik |
| 25 | Sakshi kishorkapse | FYBCA (Science) | Zonal | Kartikeya Rindani Poster |
| 26 | Shantanu Bhadage | FYBCA (SCIENCE) | Zonal | Kartikeya Rindani Quiz Compition<br>2nd runner up. |
| 27 | Pragati Vijaykumar Pagare | M.Sc(CS) Part-1 | Zonal | Bootcamp on Backend Web Development<br>Microsoft Student Ambassador |
| 24 | Prathmesh Prabhakar Jadhav | TYBSC (CS)DIV A | NATIONAL | 5th Senior National Mixed Netball Championship<br>Org by:West Bengal Mixed Netball Association |

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

5. Soft Skills
6. Language and Communication Skills
7. Life Skills (Yoga, Physical fitness, Health and Hygiene)
8. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

a. Many staff members also worked as a member of practical Lab book preparation committee

b. Practical and theory assignments were given to students

c. D-IQAC insures planned educational development

d. Faculty members regularly attended the meetings of BOS for Curriculum development organized by the University. The Faculty members suggested the Board of study for applying the CBCS in the curriculum from the next academic session.

6.3.2 Teaching and Learning

a. All the lectures are conducted in offline mode
b. Demos of programs were given in lab
c. Seminars and group discussions are conducted for the students
d. Regular classes are conducted in college and students are motivated for better academic performance.
e. Under the guidance of D-IQAC, department is promoting quality enhancement activities in academics through seminars, workshops, on different subjects.
f. Assignments, Class seminars, Handmade notes, Homework, Guest lectures, ICT based teaching, dictations, study tours , Providing Computer Lab, Lectures of Renowned Scholars, Parents-teachers meeting, Feedback forms from students regarding the teaching of the Teachers, Organization of lecture series, seminars of resource persons through Science Association

6.3.3 Examination and Evaluation

a. Online Entrance exam was conducted for Post graduation admission
b. Online Internal Exams were conducted for all UG and PG classes
c. Case studies were given to students
d. All courses internal evaluation was conducted using Credit pattern
e. IQAC analyses the university result of students and give suggestions to teachers for improving the result, the answer sheets of the home examination are provided to the students and suggestions are given to improve their result.

6.3.4 Research and Development

a. Teachers are encouraged to participate in Orientation programmes, Research Workshops, Training programmes of Academic Staff college and other institutions
b. Motivating teachers for Paper presentations and participations in National/International, State level Conferences and Seminars
c. Books are published by the teachers with ISBN nos.
d. Papers are presented and published by the teachers in Peer Review Journals, Non Peer Review Journals and conference proceedings both at International, National and State level Seminars and Conferences
e. Students are sent to participate at National level conferences, Seminars and Research competitions

6.3.5 Library, ICT and physical infrastructure / instrumentation

a. Students are encouraged to use the e-books, e-notes and e-contents provided by staff
b. Department is having a separate departmental library
c. Increased the numbers of Text books, Reference Books, E-books, CD's, VCD's, in the Library
d. Library Resources are provided to the students, teacher for other competitive examinations.

6.3.6 Human Resource Management

a. Shift wise schedule is prepared for the staff members as Morning and the Afternoon shift.
b. Incentives were given to the staff members who were awarded as PHD
c. Regular rise in salary was given to Adhoc staff members
d. CPF facility was introduced
e. Birthdays of staff members were celebrated.

f. Staff welfare scheme was introduced and staff members were encouraged to be a part of staff welfare scheme.
g. CAS is adopted.

6.3.7 Faculty and Staff recruitment

a. Staff workload calculation was done and new staff was recruited based on the workload calculation.
b. Non-teaching staff are recruited as per the requirement.
c. Staff members are recruited as follows:
    a. Advertisement is published in leading newspapers and on college web-site
    b. Selection committee is constituted
    c. Candidates are interviewed based on the requirements
    d. Candidates are asked to give demo lectures
    e. Demo lectures are observed and final selection report is prepared

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

a. Online admission process
b. Entrance exam was conducted
c. Admissions were offered on their performance in HSC
d. Merit list is prepared
e. Counselling sessions were conducted for parent and students
f. Fees were collected
g. Second round is conducted if required
h. UG admission were offered based on HSC marks and PG admissions were offered based on entrance exam and graduation marks

6.11 Activities and support from the Alumni Association

a. Group discussions, guidance sessions and mock interviews were conducted by past students
b. Kartikeya rindani competition events were evaluated by past students
c. Financial assistance for needy students by alumni

6.12 Activities and support from the Parent – Teacher Association

a. Regular meetings were arranged for parents and students

Parents and students were guided and addressed on carrier opportunities

6.13 Development programmes for support staff

a. Lab assistant workshops, safety workshops and demos were arranged for non teaching staff to operate fire fightingequipements
b. Demos are arranged to operate major equipments such as online UPS,generator, main supply controlling, laptop handling,LCD and DLP handling
c. Office staff was trained to copeup with online applications instituted by parent university such as admission procedure, elligibilty criteria, examinations

6.14 Initiatives taken by the institution to make the campus eco-friendly

a. No horn Zone
b. E-waste Collection
c. E-diaries for Staff
d. Reducing Paper Work
e. Monitoring usage of electricity
f. Say no to Plastic Activity

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

a. Alumni Guidance
b. Extra Practical session
c. Extra seminars for students and staff
d. Entrepreneurship sessions
e. Installment facility in the fees for students
f. Pre placement Activity
g. Scholarships
h. Value education programs
i. Team building activities

7.4 Contribution to environmental awareness / protection

a. NSS Tree Plantation Activity
b. Save Water Campaign
c. Water Recycling

7.6 SWOC Analysis of the Department

Strength

a. Qualified ,dedicated, Young and enthusiastic staff
b. Regular lecture and Practical sessions
c. Collaborative work distribution
d. Collaboration with faculty expertise
e. Friendly environment
f. Stable staff
g. Branding of the college is important strength
h. Trust of the stakeholders
i. Centralized location

**Weakness**

a. Have to follow curriculum set by the university
b. Need some new courses as per the need and interest of the students
c. In- house quota major constraints

**Opportunities**

a. IT hub
b. Students can complete PG in the same premises
c. Exposure to students

**<u>Plans of Department for next year</u>**

a. Planning of recognized research center
b. Effective implementation of Autonomous syllabus
c. Conducting some more employability enhancement programmes
d. Inculcating Research Environment(aspects) amongst students
e. Guidance for GRE, TOFEL

*Name 1:* *Name :*

*Name 2 :*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

At the Department of Computer Science, we strongly believe in achieving excellence in everything we do. We are at par with the changing Technology in terms of infrastructure and knowledge. Realizing the Industry demand, we put in constant efforts in molding futuristic Technologists today. Our Alumni are found holding important positions in leading organizations across the globe.

We offer UG and PG courses in Computer Science and Computer Application. The undergraduate courses conducted by the Department are B.Sc. (Computer Science) and BCA (Science). Admission to these courses is on the basis of their performance at HSC (Science). At the Postgraduate level their performance at the entrance examination is the criteria for admission to M.Sc. (Computer Science) and M.Sc. (Computer Application) courses. We also offer a Post Graduate Diploma in Data Science (PGDDS) course of one year duration.

We have a dedicated team of Teachers, IT Experts, Alumni and non teaching staff. We also have well equipped Laboratories and classrooms. The active and highly qualified team of faculty members spare no efforts to keep the students well informed and updated with Current Trends in Technology. The students are also reciprocating with their high achievements in academics, extra curricular activities and Placements.

We are proud that students opt for our centre with highest priority. As a result, the students of Modern College, Shivajinagar, Pune-5 are at the forefront in the IT field. During their graduate and postgraduate studies they undertake the projects which are relevant to the current Industry needs. These projects have helped students to apply their theoretical knowledge to the real life situation.

Through practical demonstrations, Guest Lectures, Group Discussions etc, we bring the latest in computer technology to our students. Co-curricular activities sharpen their minds and other skills that help in overall development.

**Activities conducted every year:**

- Kartikeya Rindani Intercollegiate Programming and Quiz Contest (3-4th February 2023)
- R.M. Marathe Programming Competition (13th January 2023)
- National Conference on NEP (14th-15th Feb 2023)
- Placement Activity
- Seminars
- Workshop
- Group Discussion
- Mock Interview
- On-line Admission process for all the courses
- Conducting M.Sc. (CS) and M.Sc. (CA) Entrance Examination at Mass Level
  Student/Career Counseling
- "Zaroka" - The Desktop article column

**Overview of Major activities: Kartikeya Rindani Scholarship and Competitions**
Since the last 14 years, our Department has been organizing the Kartikeya Rindani Memorial Scholarship distribution and Intercollegiate Competitions. This year the Kartikeya Rindani competition was conducted on 3rd and 4th February 2023. Programming and short film competition was an Intercollegiate event. Poster, Programming and Seminar competitions were conducted for students of Modern College of ASC, Pune: 5. Ten students received a Scholarship amount of Rs. 15, 000 each. Some student alumni and staff members also contributed towards the scholarship amount. Prof. Abhijit Sathe worked as the coordinator in organizing this event. National Conference on Implementation of National Education Policy 2020 with special reference to Adoption of Guidelines on NHEQF and curriculum framework and Credit System This conference was organized by the Department of Computer Science in association with the Library and Information Centre on 14th and 15th February 2023. Prof. Dr. Nitin Karmalkar, ex Vice Chancellor, SPPU delivered the keynote talk. Other eminent speakers, Dr. Pandit Vidyasagar, Dr. Rajesh Khambayat, Dr. Beena Inamdar, Shri Anand Mapuskar, Prof. A.G. Gosavi, Prof. Deepa Garag, Dr. R.S. Mali, Dr. Vijay Khare, Dr. Sanjay Kharat and Prof. Dr. Parag Kalkar delivered talks on important aspects of the National Education Policy.

**Themes of the talks were:**

1. Impact of NEP on Indian Education System

2. Four Years UG Programme
3. Multiple Entry-Exit System
4. Multidisciplinary Education
5. Dual Degree Programme
6. Academic Bank of Credits
7. Skill Development and Entrepreneurship
8. Vocational Education
9. Digital Education
10. Internationalization of Education
11. Examination reforms
12. Distance and Open Learning
13. Clustering of Colleges and Autonomy
14. Creating awareness to all the stakeholders

**R. M. Marathe Programming Competition**

This year R.M. Marathe C Programming competition was conducted on 13th January. Prof. Madhuri Ghanekar worked as the coordinator for organizing this competition for UG students of the Department. Ms. Vinita Vidyadhar Hingonekar, T.Y.B.Sc. CS, Div A student won a prize in this competition.TCS National Qualifier Test (TCS NQT) TCS NQT Programme was conducted for PG students of the Department. Under this program, PES Modern College of Arts, Science and Commerce joined hands as a Partner with TCS to conduct the TCS NQT Program. Our Placement Coordinator, Prof. Manisha Suryawanshi worked as the Coordinator for this Program.'

**Kartikeya Rindani Competitions**

**Seminars**

- The topics of the Seminar were Hibernate Framework, Soft skills, Android App Development, Cross Platform App Development, Python Programming, Entrepreneurship and Employability enhancement skills. This activity proved beneficial to the students as well as to the staff members.
- Prof. S.S. Deshmukh, Vice-Principal and Head, Department of Computer Sc. conducted guidance sessions for our M.Sc. CS and M.Sc.CA students undergoing Industrial Training.
- Placement Co-ordinator, Prof. Mrs. Manisha Suryawanshi conducted a Seminar on 'Placement Guidance and Career Opportunities' This Seminar included the topics of Interview Skills, Resume writing, Behavioral Skills, Placement preparation and Worldwide Career Opportunities Mr. Kunal Pagaria, Amdocs conducted an add-on course for PG students on Angular JS, React JS and Spring boot framework.

**Activities and support from the Alumni:**

- Past students have supported in placement of current batch students in the reputed IT Industries and in offering training programs
- Project guidance is made available from Alumni to the students in the form of lectures, project guidance and by conducting counseling sessions
- Group Discussion and Seminars Group discussion sessions of the present students were arranged and seminar sessions of past students are arranged every Saturday on different topics.
- Mock Interviews were conducted by the past students who are working in reputed IT Industries for the current batch students to face the challenges of the present competitive world and to make them mentally prepared for the competition.

**Pride Alumni of Computer Science Department:**

- The brilliant students of our department are working at higher positions in various fields like Science and Technology, Research, Business, Banking, Industries, Education, Engineering, Medicine and Administrative Services etc. Some of them often visit our college and encourage and guide present batch students.

**Special achievement of staff members:**

- **Prof. Madhuri Ghanekar completed 25 years of Service in the Department**

**Prof. S.S. Deshmukh**

1) Worked as Organizing Secretary for National conference on 'National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and

credit system for four year undergraduate program' on 14th and 15th Feb 2023 in Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 5.

2) Participated in 'Higher Education Conclave' Decoding NEP 2020- The Way Ahead, organized by MasterSoft in association with Microsoft on 24th March 2023.
3) Participated in a one day workshop with respect to the Institutional Development plan organized by the Higher Education Department, Government of India.
4) Working as a member of the Academic Council in New Arts, Commerce and Science College (Autonomous), Ahmednagar.
5) Working as a member of the Academic Council in Tuljaram Chaturchand College, Baramati.
6) Working as a Member of 'Observer Committee' of Autonomy implementation in Indira College of Science and Commerce, Tathawade, Pune.

**Prof. Manisha Suryawanshi**

1) Participated and presented a research paper entitled ' A Case Study Entrepreneurship Experiential Learning Activity' with reference to NEP 2020' in the two days national conference 'National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program ' on 14th and 15th Feb 2023.
2) Guided UG and PG students for participation in the Zonal level Avishkar Competition.
3) Coordinated TCS_NQT examination for students in collaboration with TCS which was conducted for UG / PG students.
4) Resource Person for Pre-Placement Guidance Session on Career Opportunities in IT Industry at Abasaheb Garware College, Pune.

**Prof. Madhuri Ghanekar**

1) Participated and presented a paper in the two day national conference ' National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program on 14th and 15th Feb 2023.

**Prof. Dr. Shilpa Dange**

1) Participated and presented a research paper entitled 'New Education Policy: Implementation and challenges' in the two days national conference 'National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program ' on 14th and 15th Feb 2023.
2) Guided T.Y.B.Sc. Computer Science students for participation at the College level. Avishkar

**Prof. Dr. Kalyani Salla**

1) Worked as an Organizing Committee member and presented a paper entitled 'Creative scheduling App for staff and students with special reference to NEP 2020' in the two days National Conference on 'National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program ' on 14th and 15th Feb 2023.
2) Guided M.Sc. Computer Application students for participation in Collegeand Zonal level Avishkar.
3) Published a Chapter entitled 'Optimal Ranking of Air Quality Monitoring Stations and Thermal Power Plants in a Fuzzy Environment', March 2023, DOI: 10.1002/9781119569503.ch6in the book: Fuzzy Systems Modeling in Environmental and Health Risk Assessment, Print ISBN:9781119569473, Online ISBN:9781119569503, John Wiley & Sons Publication.
4) Guided M.Sc. Computer Application students for a Research Project entitled 'Creative Scheduling App for Students and Staff' under the Yuva Sanshodhak Scheme and won 'Consolation Prize' under PG category.
5) Worked as Chairperson for preparation of 'Programming in Go' theory and Practical syllabus for T.Y.B.C.A. Science (2019 Pattern), SPPU.
6) Working as a sub committee member, BOS, B.Sc. Cyber and Digital Science.

**Prof. Shweta Jawale**

1) Participated and presented a research paper entitled ' A Case Study : Entrepreneurship Experiential Learning Activity' with reference to NEP 2020' in the two days national conference 'National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program ' on 14th and 15th Feb 2023.
2) Worked as committee member for TCS_NQT examination which was conducted for UG / PG students.

**Prof. Sheetal Patil**

1) Worked as an organizing committee member in the two days national conference on National education policy 2020 on 14th and 15th Feb 2023.

**Prof. Sonali Deshmukh**

1) Patent published in journal.
2) Worked as a guide to a student under the YSS scheme.
3) Worked as an Assistant coordinator for two days national conference ' National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program on 14th and 15th Feb 2023.
4) Participated and presented a paper in the two day national conference ' National Education Policy 2020 with special reference to adoption of guidelines on NHEQF and Curriculum Framework and credit system for four year undergraduate program on 14th and 15th Feb 2023.

**Prof. Sanjay Mahajan**

1) Prepared and published 200+ academic YouTube videos on recent trends in Computer Science.

**Prof. Trupti Gohad**

1) Worked as an organizing committee member in the two day national conference on National education policy 2020 on 14th and 15th Feb 2023.

**Prof. Aditi Patil**

1) Worked as a committee member for the TCS_NQT examination which was conducted for UG / PG students.
2) Worked as organizing committee member in the two days national conference on National education policy 2020 on 14th and 15th Feb 2023

**Prof. Pushpalata Gorade**

- Worked as an organizing committee member in the two days National Conference on National Education Policy 2020 on 14th and 15th Feb 2023.

**Prof. Meghmala Patil**

- Worked as an organizing committee member in the two days National Conference on National Education Policy 2020 on 14th and 15th Feb 2023.

**Prof. Pradnya Jog**

- Worked as an organizing committee member in the two days National Conference on National Education Policy 2020 on 14th and 15th Feb 2023.

**Prof. Manjushree Yevale**

- Worked as an organizing committee member in the two days National Conference on National Education Policy 2020 on 14th and 15th Feb 2023.

**Prof. Ankita Athavale**

- Worked as an organizing committee member in the two days National Conference on National Education Policy 2020 on 14th and 15th Feb 2023.

**Prof. Pragya Mishra**

- Worked as an organizing committee member in the two days National Conference on National Education Policy 2020 on 14th and 15th Feb 2023.

**Students Achievements**

- Our students have remarkable achievements in academics and extracurricular activities. Some are listed below:

| Sr. No. | Name | Class | Level | Zonal/State/National/International Details of Prize/ Participation |
|---|---|---|---|---|
| 1 | Abhishek Sanjay Patil, | T.Y.B.Sc. CS | Div B | State - Inter Group Competition, Held at NCC Group HQ, Pune |
| 2 | Abhishek Sanjay Patil, | T.Y.B.Sc. CS | Div B | Zonal - AVISHKAR-2022Zonal Level Research Project Competition |
| 3. | Soham Prashant Jadhav, | T.Y.B.Sc. CS | Div A | National - 84th Senior National Badminton Championship |
| 4. | Omkar Satish Bathe, | M.Sc. CS Part – 1 | | National - National Conference on NEP 2020 - Research Paper Presentation |
| 5. | Shailesh Sudam Abuj, | T.Y.B.S.C(CS) | D-A | International - US Chess Federation (USCF) Tournament -2023 |
| 6. | Mohini Dipak Chaudhari, | M.Sc. CA Part 1 | | Zonal - Best Student Award |
| 7. | Mohini Dipak Chaudhari, | M.Sc. CA Part 1 | | Zonal - Elocution Competition at Savitribai Phule Pune University |
| 8. | Mohini Dipak Chaudhari, | M.Sc. CA Part 1 | | Zonal - Certificates from Google, Microsoft for doing course and a mini project in Backend Web Development using Javascript, Node.js and Express |
| 9 | Dinesh Durgaram Chaudhari, | FY BSC CS | Div.B | Zonal - Kartikeya Rindhani Intercollegiate Programming Competition 2023 |
| 10 | Anirudh Ramchandra Mali, | FY BSC CS | DIV: A, | STATE - Inter Group Competition, Held at NCC Group HQ, Pune |
| 11 | Vishwaja Rajesh Godge, | Msc (CS)part 1 | | Zonal - Attending boot camp based on html,css on google drive clone |
| 12 | Vishwaja Rajesh Godge, | M.Sc. (CS) part 1 | | Zonal - Microsoft Student ambassador (google drive clone) |
| 13 | Sarth Ganesh Ambale, | TY BSc CS | Div:A | Tree plantation, Narcotics Pledge, |
| 14 | Omkar Santosh Lokhande, | FY BSC CS | DivB | National & Zonal Space researcher by OrbitX. pvt for the ATAL YAAN (REUSABLE LAUNCH VEHICLE).Central Vigilance commission Certificate.Certificate is of HTML Course completion certificate by N.S.D.C and Skill India.Java development and DSA course Certificate.Kartikeya Rindani Intercollegiate Programming Competition 2023.Webinar on how to create a live working website. |
| 15 | Mayuresh Satish Pawashe, | MSC (CS) part 1 | | Zonal - First in Aptitude (Spandan Event) |
| 16 | Megha Vijay More, | FYBCA (Science) | | Zonal - Kartikeya Rindani Quiz Competition 2023 |
| 17 | Ajit Singh Panwar, | FYBCA (Science) | | Zonal Kartikeya Rindani Quiz Competition 2023 :- 3rd Rank - Certificate is of HTML Course completion certificate by Skill academy |
| 18 | Prutha Rajesh Dongre, | FYBCA (Science) | | Zonal - Kartikeya Rindani Quiz Competition 2023 |
| 19 | Amiksha Ramdas More, | T.Y.B.Sc. CS | Div B | National - All India Nau Sainik Camp held at Visakhapatnam |
| 20 | Samiksha Ramdas More, | T.Y.B.Sc. CS | Div B | State - Shooting Competition Held at NCC HQ |
| 21 | Suraj Gorakh Naikwade, | FYBCA (Science) | | Zonal - Kartikeya Rindani Poster Competition 2023 |
| 22 | Pratiksha Ramdas More, | T.Y.B.Sc. CS | Div B | National - All India INA Attachment Camp Held at INA (Ezhimala) |
| 23 | Pratiksha Ramdas More, | T.Y.B.SC CS | Div B | State - Inter Group Competition Held at Nashik |
| 24 | Prathmesh Prabhakar Jadhav, | TYBSC (CS) | DIV A, | NATIONAL - 5th Senior National Mixed Netball Championship Org by: West Bengal - Mixed Netball Association |
| 25 | Sakshi Kishor Kapse, | FYBCA (Science) | | Zonal - Kartikeya Rindani Poster Competition |
| 26 | Shantanu Bhadage, | FYBCA (SCIENCE) | | Zonal - Kartikeya Rindani Quiz Competition 2nd runner up. |
| 27 | Pragati Vijaykumar Pagare, | M.Sc(CS) Part-1, | | Zonal - Boot Camp on Backend Web Development Microsoft Student Ambassador |

**Research Profile:**

There has been a rise in Ph.D., M.Phil., and NET/SET qualified staff members. Current Research publication details are as follows:

- Ph.D. Awarded: 2, M.Phil. Awarded: 4

- NET/SET qualified: 8
- Total Research papers published: 40
- Books published: 2
- Number of Citations in all: 30
- Academic Publications: Text Books: 12

**Placement service provided to the students:**

- The Department of Computer Science has a **Placement Cell** and runs placement activity through a Placement Cell for Post-Graduate Students and Under-Graduate Students. Prof. Manisha Suryawanshi has been working as a Placement Co-ordinator and Chairperson of the Placement Committee for the placement activity under her able guidance 95% of students from the Post-Graduate wing M.Sc.(Computer Science), MSc (Computer Application) are placed in reputed organizations.

**Any other relevant information:**

- Staff members have been actively participating in syllabus design meetings for the implementation of National Education Policy 2020
- Staff members have actively participated in the admission process of F.Y.B.Sc. (Computer Science), FYBCA (Science), M.Sc.(Computer Science) and M.Sc.(Computer Application) courses
- A committee was constituted for conducting M.Sc. (Computer Science) and M.Sc. (Computer Application) Entrance Examinations. Prof. Dr. G. R. Ekbote (Chairman, P.E. Society) Prof. P. S. Chirputkar (Chairman, CDC), Dr. A. K. Pande (Chairman, CDC), Prof. Dr. Mrs. Jyostna Ekbote (Chairperson, CDC), Principal Dr. R. S. Zunjarrao (Chairman of the Entrance Examinations Committee) provided necessary guidance and administrative support in organizing the entrance examinations smoothly
- Apart from the several events and activities conducted by our department every year, we wish to organize some more Workshops, Seminars and Conferences in future. We wish to effectively implement NEP 2020 in our curriculum. We plan to conduct some more fruitful employability enhancement programs for our students. We plan to increase the number of M.Phil., Ph.D. and NET/SET qualified staff. We feel confident about reaching higher targets within time due to our active, dynamic and highly skilled faculty members and due to constant support received from college authorities and our parent body Progressive Education Society.

**Prof. Deshmukh Shamkant**
Vice Principal and Head
Department of Computer Science

# Department of Electronic Science

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. D.B.Gaikwad | HoD& Chairperson of DIQAC | 9881509515 | hodelectsci@moderncollegepune.edu.in |
| 2 | Prof. Dr. M. R. Bodke | Member 1 | 9049583785 | bodkeelectsci@moderncollegepune.edu.in |
| 3 | Prof. Dr. P. S. Varade | Member2 | 9822856527 | varadeelectsci@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: Faculty 17

Non-Teaching Staff Students 12 Alumni 01 Others ---

2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. 01 International [ ] National [ ] State [ ] Institution Level 01

(ii) Themes: Workshop on Robot using 8051

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Poster Competition for F.Y, S.Y. B. Sc.
2. Project Competition for T.Y. B.Sc. and M.Sc. – Imagine 2023
3. Metro Visit at Garware College Metro Station to understand the functioning of Metro.
4. Guest lecturers – 1. IoT applications using ESP32 2. Opportunities in Electronics
5. Workshop on Robot using 8051

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

| Plan of Action | Achievements |
|---|---|
| Arrange poster competition for F.Y, S.Y students | Poster Competition for F.Y , S.Y..B.Sc. organized |
| Arrange Project Competition for T.Y and M.Sc. Students | Organized Project Competition (Imagine 2023) for T.Y and M.Sc. Students |
| Arrange Guest Lectures | 1. Guest Lecture was arranged on "Application of IoT using MSP32"<br>2. Guest Lecture was arranged on "Career opportunities in Electronics" |
| Arrange industrial visits | Visit to Garware College MetroStation for UG students was arranged to understand automation and operational details of the Metro. |
| Arrange Department Alumni meet | Department Alumni meet was organized in the month of Nov. 2022 |

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | 1 | -- | 1 | -- |
| PG | 1 | -- | 1 (M.Sc) | -- |
| UG | 1 | -- | 1 ( B.Sc( CS)) | -- |
| PG Diploma | - | -- | - | -- |
| Advanced Diploma | - | -- | - | -- |
| Diploma | - | -- | - | -- |
| Certificate | - | -- | - | -- |
| Others | - | -- | - | -- |
| **Total** | 3 | NIL | 3 | NIL |
| Interdisciplinary | -- | - | -- | - |
| Innovative | -- | - | -- | - |

1.1.2 Number of Programmes where syllabus revision was carried out during the year :**NIL**

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: **NIL**

1.2.1 - Number of new courses introduced across all programmes offered during the year: **01**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System: **01**

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year :**NIL**

1.3.2 Field Projects / Internships under taken during the year :**NIL**

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classroom | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 11 | 11 | LCD projector, Simulation s/w, Virtual Labs,, Laptops, EBooks | 2 | 1 | Simulation Software, Laptops, EBooks |

2.1 Total No. of permanent faculty

| **Total** | **Asst. Professors** | **Associate Professors** | **Professors** | **Others** |
|---|---|---|---|---|
| 08 | 06 | 02 | -- | 00 |

2.2 No. of permanent faculty with Ph.D. **03**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty

| G -00 | V- 01 | T- 03 |
|---|---|---|

**Visiting Faculty** - Dr. Umesh N. Hivarkar

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

| ***Year of award*** | ***Name of full time teachers receiving awards from state level, national level, international level*** | ***Designation*** | ***Name of the award, fellowship, received from Government or recognized bodies*** |
|---|---|---|---|
| 2022-23 | Prof. A.V.Kamble | Assistant Professor | District Coordinator ( Cultural Activity), From Savitribai Phule Pune University |
| 2022-23 | Dr.P.S.Varade | Assistant Professor | District Coordinator - NSS , From Savitribai Phule Pune University |
| 2022-23 | Prof. T.B.Sonawane | | Nomination by Hon'ble Vice-Chancellor on the Ad-Hoc Board of Studies inEnergy and power in the Faculty of science and Technology for a group of B.Voc,M.Voc. , Diploma, Advanced Diploma, Certificate courses sanctioned by UGC. |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | NIL | NIL | NIL |
| Presented papers | NIL | NIL | NIL |
| Resource Persons | NIL | NIL | NIL |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Use of IoT Based Virtual /Hybrid Electronics Laboratory.
- Demonstrations of lab experiments virtually using Proteus, Xilinx, Keil software.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/CurriculumDevelopment workshop/sub-committee member:**NIL**

| Sr. No. | Name of the staff member | Role | Date of theworkshop/Meetings |
|---|---|---|---|
| 1 | Prof. D.B.Gaikwad | Chairman BOS | 20 May 2023 |
| 2 | Dr.M.R.Bodke | Member BOS | 3 June 2023 |
| 3 | Prof. T.B.Sonawane | Member BOS | |
| 4 | Prof. T.R.Kumbhar | Member BOS | —- |
| 5 | Prof. A.V.Kamble | Member BOS | |
| 6 | Dr. P.S. Varade | Member BOS | |
| 7 | Prof. R.V. Vidap | Member BOS | |
| 8 | Prof. V.A.Chaudhari | Member BOS | |
| 9 | Prof. G.M.Tarate | Member BOS | |
| 10 | Dr.M.R.Bodke | Member BOS | |
| 11 | Prof. A.S.Londe | Member BOS | |

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Through Continuous Internal Evaluation process ,
- Through Assignments of specific topics

2.13 Initiatives undertaken towards faculty development by the department

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | -- |
| UGC – Faculty Improvement Programme | 01 TRK FDP |
| HRD programmes | -- |
| Orientation programmes | -- |
| Faculty exchange programme | -- |
| Staff training conducted by the University | 01 RVV |
| Staff training conducted by other institutions | -- |
| Summer / Winter schools, Workshops, etc. | 01 PSV |
| Others | -- |

**Prof. T.R.Kumbhar**–Attended FDP entitled 'Managing online classes and co-creating MOOCS 25.0 7-21 April 2023'

**Prof. R.V. Vidap**- AttendedNational Conference on Implementation of NEP-2020 14-15 Feb. 2023.

**Dr. P. S. Varade** – Successfully completed the 'Adventure Camp' at Manali (Himachal Pradesh) during the period 10.11.2022 to 19.11.2022 organized by Government of Himachal Pradesh.

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 1 | - | - | - |
| Technical Staff | - | - | - | - |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year:**NIL**

3.2.3 - Number of teachers recognised as research guides - **01**

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution?/ If not,when did he/she leave the institution?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr.M.R. Bodke | Ph. D. December 2016 | Yes | Jan 2022 | YES | - | - | - |
| Dr.P.S. Varade | Ph.D. Feb. 2019 | Yes | May 2023 | Yes | NA | NA | NA |
| Dr.V.M. Bapat | Ph.D. 2017 | No | No | Yes | NA | NA | NA |

3.3.1 Incentive to the teachers who receive recognition/awards :**NIL**

3.3.2 Ph.Ds awarded during the year :**NIL**

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects:**NIL**

3.3 Details regarding minor projects: **NIL**

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 3 | – | — |
| Non-Peer Review Journals | | | |
| e-Journals | | 1 | |
| Conference proceedings | | | |

*See the Annexure 4*

*Please see the Annexure 1 for attachment*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | |
|---|---|---|---|
| | Department | No. of Publication | Average Impact Factor, if any |
| National | – | —-- | —- |
| International | | 03 | 0.2 |

| 3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index | | | | | | |
|---|---|---|---|---|---|---|
| Title of the paper | Name of the author | Title of the journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citations |
| Online Education Degree Courses opportunities & Challenges, P.605-617 | Dr.V.M.Bapat | International Journal of Food and Nutritional Sciences (IJFANS) | 2022 | 7.832 | PES's Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune -5 | |

| 3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science) | | | | | | |
|---|---|---|---|---|---|---|
| Title of the paper | Name of the author | Title of the journal | Year of publication | h-index | Number of citations excluding self citations | Institutional affiliation as mentioned in the publication |
| Analyzing The Impact of Stress On Physical Health & Well Being Of IT Company Employees. P 2416-2423 | Dr. Varsha M. Bapat | Journal of Pharmaceutical Negative Results ( Volume 14 ) Regular Issue 03 | 2022 | 0.128 | | PES'S Modern College, Shivajinagar, Pune-5 |
| Psychological | Dr. Varsha | Journal for | 2023 | 0.571 | | PES'S |

| | | | | | | |
|---|---|---|---|---|---|---|
| Impact of Internet Gaming Addiction on Undergraduate Students- A Cross -Sectional Study (P.574-583) | M. Bapat | ReAttach Therapy and Developmenta l Diversities, | | | | Modern College, Shivajinaga r, Pune-5 |
| A Study of India's New Policy Framework for Education", PGS: 2859-2871 | Dr. Varsha M. Bapat | European Chemical Bulletin | 2023 | | | PES'S Modern College, Shivajinaga r, Pune-5 |
| *Synchronization of AI and Deep Learning for Credit Card Fraud Detection (52-59)* | Dr. Varsha M. Bapat | International Journal of Intelligent Systems and Applications in Engineering , IJISAE | 2023 | 0.742 | | PES'S Modern College, Shivajinaga r, Pune-5 |
| A Study of India's New Policy Framework for Education", 1, April 2023,12(Special Issue 1), PGS: 2859-2871 | Dr. Varsha M. Bapat | European Chemical Bulletin | 2023 | 0.40 | | PES'S Modern College, Shivajinaga r, Pune-5 |
| Designing Artificial Intelligence (AI) Based Secured Framework to Improvise the Data Security of Confidential Academic Records(38-42) | Dr. Varsha M. Bapat | International Journal of Intelligent Systems and Applications in Engineering , IJISAE, | 2023 | 0.742 | | PES'S Modern College, Shivajinaga r, Pune-5 |
| A Blockchain Security Based IoT-Enabled System for Safe and Effective Logistics Management in IR 4.0( 43-51) | Dr. Varsha M. Bapat | International Journal of Intelligent Systems and Applications in Engineering , IJISAE, | 2023 | 0.742 | | PES'S Modern College, Shivajinaga r, Pune-5 |
| *Mental Stress Of College Students In The Context Of Suitable Internship In Hand- An Analytical Study (708-716)* | Dr. Varsha M. Bapat | European Chemical Bulletin | 2023 | 0.40 | | PES'S Modern College, Shivajinaga r, Pune-5 |
| *Exploring The Challenges In* | *Dr. Varsha M. Bapat* | *European Chemical* | *2023* | *0.40* | | *PES'S Modern* |

| | | | | | | |
|---|---|---|---|---|---|---|
| *Entrepreneurship In The Current Scenario (349-361)* | | *Bulletin* | | | | *College, Shivajinagar, Pune-5* |
| *Use of Flipped Classroom concept for Practical Experimentation Course in Electronics and Computer HW(363-369)* | *Dr. Varsha M. Bapat* | *International Journal of Creative Research Thoughts( IJCRT)* | *2023* | *7.97* | | *PES'S Modern College, Shivajinagar, Pune-5* |
| *Measuring Psychological Wellbeing of Entrepreneurial Success – An Analytical Study(P. 338-348)* | *Dr. Varsha M. Bapat* | *Journal for ReAttach Therapy and Developmental Diversities,* | *2022* | *0.571* | | *PES'S Modern College, Shivajinagar, Pune-5* |
| "Daylight Simulation for a typical using DIALuxand Integration of Daylight with artificial lighting for Laboratory Work.", | *Dr.Varsha .M. Bapat* | GIS Science Journal | 2022. | | | |
| "Automated crop independent furrow irrigation system.", ISSN No 1869-9391, Volume 9, issue 10, 2022 | *Dr. Varsha M. Bapat* | GIS Science Journal GIS Science Journal , | 2022. | | | |
| "Multisensory Data fusion for Quality Assessment of fruits and vegetables" PP 01-05 | *Dr. Varsha M. Bapat* | International Journal of Innovations & Research Analysis (IJIRA) S2583-0295 vol 2 No 03(II ) | 2022 | | | |
| *Automated crop independent furrow irrigation system* | Dr. Prabhakar Varade | GIS Science Journal ISSN NO : 1869-9391 | 2022 | VOLUME 9, ISSUE 10, 2022, PAGE NO:909 | 4 | Modern College, Shivajinagar, Pune-5 |
| *Design and Development of* | Dr. Prabhakar | YMER | 2022 | VOLUME 21 : | 5 | Modern College, |

| | | | | | | |
|---|---|---|---|---|---|---|
| *task light simulator for Quality Lighting Factor and Simulation of LED tubebased Illumination system for Laboratory* | Varade | ISSN : 0044-0477 | | ISSUE 5 (May) – 2022 | | Shivajinagar, Pune-5 |
| *Daylight simulation for a typical laboratory using DIALux and Integration of Daylight with artificial lighting for Laboratory Work* | Dr. Prabhakar Varade | GIS SCIENCE JOURNAL ISSN NO : 1869-9391 | 2022 | PAGE NO: 59-68 | 4 | Modern College, Shivajinagar, Pune-5 |

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: **NIL**

3.7 No. of books published i) With ISBN No. 01 Chapters in Edited Books --

ii) Without ISBN No. --

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1. | Dr. Varsha M. Bapat | Internet of Things (IoT) | Vision Publications, Pune | | 2023 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year **NIL**

3.10 Consultancy provided by the Department :**NIL**

3.11 No. of conferences organized by the Department :**NIL**

3.12 Details faculty served as experts, chairpersons or resource persons **NIL**

3.13 Details of collaborations

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1 | Research Park Foundation, SPPU, Pune | Research Collaboration, Consultant | AI,MLIoT, AGri-Electronics etc |

3.14 Details of linkages created during this year :**NIL**

3.16 No. of patents received this year of the staff members in the year

| Type of Patent | Name of Staff Members(s) | | Number |
|---|---|---|---|
| National | Prof. A.V.Kamble | Applied | 1 |
| | | Granted | 1 |
| International | - | Applied | |
| | | Granted | |
| Commercialised | - | Applied | |
| | | Granted | |

3.17 No. of research awards/ recognitions received by faculty and research fellows : NIL

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1 | Dr.M.R.Bodke | SPPU | 1. Mrs Aruna Mancharkar | **2022** |

3.19 Details of Ph.D. students registered in research canters

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 01 | Bhangale Suchita Prakash | Dr.PravinK.Bhadane | 15/9/2015 | 17/8/2022 |
| 02 | Pote Madhuri | Dr.PravinK.Bhadane | 15/09/2020 | -- |
| 03 | Bhusnar Nagnath | Dr.PravinK.Bhadane | 18/05/2021 | Conducted Pre Ph.D.-Synopsis |
| 04 | Pagare Vandana | Dr.PravinK.Bhadane | 18/05/2021 | Conducted Pre Ph.D.-Synopsis |
| 05 | Menon Anita Vinod | Dr.M.P.Ghatule | 15/09/2020 | Thesis Submitted |
| 06 | Divatankar Swati N. | Dr.M.P.Ghatule | 08/02/2022 | Thesis Submitted |
| 07 | Dhake Prashant | Dr.M.P.Ghatule | 15/02/2020 | -- |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other) **NIL**

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : NIL

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year **NIL**

Nature of Activity Participant Source of financial support Duration

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year **NIL**

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year **NIL**

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

1. Book collection and donation to Netaji Subhashchandra Bose Englih Medium School ,Phulgaon(Haveli).

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 36 | 03 | Yes | NA | NA | NA | NA | | |
| Added | 00 | 00 | | | | | | | |
| Total | 36 | 03 | Yes | NA | NA | NA | NA | | |

**Criterion – V**
**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services **NIL**

5.2 Efforts made by the Department for tracking the progression

1. Conducts internal tests
2. Conducts viva for practical
3. Arranges power point presentations

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 408 | 11 | 7 | -- |

(b) No. of students outside the state | 07 |

*Please provide the list of students, Gender, class, category as annexure*

| Sr No | Name of the student | Gender | Class | Categary |
|---|---|---|---|---|
| 1 | Yashita Yadav | F | S.Y.B.Sc. | - |
| 2 | Roshani Yadav | *F* | *T.Y.B.Sc.* | - |
| 3 | Ritika Singh | *F* | *T.Y.B.Sc.* | - |
| 4 | Yuvraj S.Zala | *M* | S.Y.B.Sc. | - |
| 5 | Alpna | *F* | S.Y.B.Sc. | - |
| 6 | Oinam Judex | *M* | F.Y.B.Sc. | - |
| 7 | Adarsh S Pandey | *M* | F.Y.B.Sc. | - |
| 8 | Achal Bairagi | *F* | S.Y.B.Sc. | - |

(c) No. of international students | **NIL** |

| | No | % |
|---|---|---|
| Men | - | - |
| Women | No | % |
| | - | - |

5.2.1 - Number of outgoing students who got placement during the year

| **Name of student placed with his/her contact details** | **Programme completed** | **Name of the employer with contact details** | **Pay package at the time of appointment** |
|---|---|---|---|
| **Gautami Bhosale** | **B.Sc.** | **Wipro** | **300,000/ -** |
| **Rutik Chavan** | **M.Sc.** | **R.R.Shinde Junior College** | **1,68000/-** |

| ***On campus*** | | | ***Off Campus*** |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| - | - | - | 02 |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) **NIL**

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year **NIL**

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year :**NIL**

5.6 Details of student counselling and career guidance –

Conducted lecture on carrier opportunities in Electronics

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology – IoT

| **Name of the Capacity Development and Skill Enhancement programme** | **Year of implementation** | **Number of students enrolled** | **Name of the agencies/consultants involved with contact details, if any** |
|---|---|---|---|
| Guest lecture on IoT applications | 2022-23 | 56 | Umesh Kothavade |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) :**NIL**

5.11 Student organised / initiatives **NIL**

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies NA** | | |
|---|---|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year **NIL** | | |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year **NIL** | | |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
| "Managing online classes and co-creating MOOCS 25.O" | Prof. T.R.Kumbhar | 7- 21 April 2023 |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development -

Framming of Frame work of UG and PG under NEP2020.

Preparation of syllabus for F.Y. of UG and PG.

6.3.2 Teaching and Learning –

Prepared Lab manuals for UG and PG , Prepared PPT for UG and PG.

6.3.3 Examination and Evaluation –

Conducted internal examination.

Given assignments

6.3.4 Research and Development –

Participation in Yuva Sansodhak Scheme of college

6.3.5 Library, ICT and physical infrastructure / instrumentation

Installation of projectors in Laboratories.

6.3.6 Human Resource Management - NIL

6.3.7 Faculty and Staff recruitment - NIL

6.3.8 Industry Interaction / Collaboration - NIL

6.3.9 Admission of Students - Counselling of students

6.11 Activities and support from the Alumni Association

Alumni meet arranged,

Funds provided by Alumni

Alumni worked as evaluators in Imagine 2023

6.12 Activities and support from the Parent – Teacher Association - NIL

6.13 Development programmes for support staff - NIL

6.14 Initiatives taken by the institution to make the campus eco-friendly - NA

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

Preparation of Inhouse lab manual for Practical course,

Designing and development of Experimental kits

Hands on Workshop on Robot using 8051

Poster and project competition

7.4 Contribution to environmental awareness / protection –

Collecting e-Waste at the department.

7.6 SWOC Analysis of the Department

**Strengths**

- State of Art laboratories
- SPPU Approved Research Centre
- Diversified Industry connect
- Staff members involvement as Resource person in various Workshops.
- Representation of staff as a BOS member at SPPU
- Faculty involvement in Examination work of SPPU and other autonomous institutes/ Deemed University
- Faculty involvement in Syllabus Framing at UG & PG Level
- Research Funds received from various Agencies
- Faculty members are involved in active research and are publishing research papers/articles in recognized Journals
- Infrastructure funds received from FIST:DST; CPE:UGC, BSR:UGC
- Organizes project competition for B.Sc. And M.Sc. Students
- Student progression seen from entry level to exit level
- Staff members are associated members of SPEED
- Encouraging students for participation in EEE Examination organized by SPEED
- Excellent collection of E-Books
- Laboratory manuals are written and compiled by the teaching staff
- In-house design & development of experimental kits
- Strong Alumni support
- Staff members are conversant with advanced technology in teaching, e-content development.

**Weakness:**

- Laboratory space constraints
- Non Qualified Technical Assistant
- Teaching staff is loaded with additional responsibilities
- Lack of pre-placement activities at UG level

**Opportunities:**

- Academically sound students are turning for Basic Science Education
- Academic Autonomy
- Online Teaching and Online Exam
- Exposure to Industrial environment and research institutes
- Association & Linkages with Industry components and Research institutes

**Challenges:**

- Establishment of private universities
- Students preferences towards professional courses
- Job opportunities for B.Sc. and M.Sc. students
- Implementation of NEP 2020
- Pace up with latest technology and environment
- Availability of financial support for Inhouse resource development

8.**Plans of Department for next year**

- Development of laboratory infrastructure for research
- To inculcate Research Culture among UG & PG students by applying to different funding agency (UGC,DST,BCUD) for carrying out small projects.
- To start skill based add-on courses for UG & PG students
- Enhance the Departmental Training& Placement activity cell.
- Industry collaboration through MoU
- Implementation of Embedded systems as one of the elective subject at Third Year B.Sc( Computer Sc.) UG Level.
- Enhance the Collaborations and linkages with Industry component.
- Design a Bridge course to reduce the Gap between Industry and Academia.
- Organising Project Competition.
- Enhance Research activities among students and Teachers.

*Name 1: Dr.M.R.Bodke* *Name : Prof. D.B.Gaikwad*

*Name 2 :Dr. P.S. Varade*

***Name and Signature of the Members, DIQAC*** ***Signature of the Chairperson, DIQAC***

The Department of Electronic Science of the college is actively engaged in various academic, curricular and extracurricular activities during the year. The department runs Electronics from XI-XII (Bifocal – Electronics) to Ph.D. degree, with 624 students enrolled this year. Students are pursuing research work at the Post Graduate Research Centre recognized by Savitribai Phule Pune University in Electronic Science. Mrs Bhangale Suchita Prakash, from our research center was awarded Ph.D. in Sept 2022. The department has introduced an elective course viz "Embedded Systems" and "IoT based Instrumentation" at T.Y.B.Sc.(Computer Sc.) from this year (2022-23).Two patents were filed by Prof. A.V. Kamble, one published in an official journal of Indian Patent Office in the issue of 15/23 dated 14/4/2023 and second is under process.

**[A] Activities conducted during the year**

- Students of T.Y.B.Sc. Physics ,Electronic Sc. and M.Sc. visited NCRA in SPPU campus on 24th August 2022. Dr. M.R.Bodke , Prof. D.B.Gaikwad & Prof. T.B.Sonawane were present.
- Participation in Academic and Administrative Audit (AAA – Year 2018-19,2019-20,2020-21) by CEDA on 19th October 2022. Prof. A.G. Gosavi and Prof. Dr. Beena Inamdar , were experts for the audit.

- Organized interaction session with Dr. Vikas Mathe. Head , Department of Electronic and Instrumentation Sc. SPPU on 5th November 2022. He guided staff members of the department and extended collaboration.
- Organized Two day Workshop on "IoT applications using ESP32 Development Board" on 17 – 18 Nov 2022 for T.Y.B.Sc.(Electronic Sc) , T.Y.B.Sc. (Physics) and M.Sc. students. Thirty Five students participated in this workshop, Mr. Umesh Kothavade was a resource person. Prof. T.B.Sonawane worked as coordinator.
- Alumni meet was Organized on 26th Nov 2022. More than 100 students from the first batch to 2022 batch were present in the Alumni meet. In the Meet Dr. S.A. Deuskar Prof. S.R. Chaudhari and Prof. B.B.Yenge, former Heads of the Department were present. The department received strong support and further contribution towards the evolution of Electronics.
- Organized a field visit for B.Sc students to Pune Metro on 19th January 2023 as Samwad activity of Pune Metro. Fifty Nine students of F.Y., S.Y. T.Y. B.Sc. participated in this visit. Prof. T.B.Sonawane and Prof. R.V.Vidap worked as coordinators for this visit.
- Organized poster competition on 21st January 2023 for F.Y.B.Sc.(Electronic Sc) , S.Y.B.Sc. (Electronic Sc.) students. Sixty students participated in this competition. Eight Prizes were given to both F.Y.B.Sc. and S.Y.B.Sc. students. Prof. Madhav Kuber , Scientist G, ARDE, Dighi and Dr. Vilas More , Member, Board of study, SPPU – Subject : Electronic Science were guest of honor for the competiton.Prof.T.R.Kumbhar worked as coordinator.
- Completed Academic and Administrative Audit (2021-22) on 7th February 2023. Dr. Vikas L. Mathe, Head, Department of Electronic and Instrumentation Science was the expert for the audit.
- Organized University Level Project Competition (Imagine-2023) on 25th February 2023 for T.Y.B.Sc. and M.Sc. students. Alumni worked as judges in the competition. Mr. Raju Thombre, Dhoot Transmission, alumnus of the Department was honored as chief guest in the prize distribution cum valedictory function.
- Organized guest lecture on "Career opportunities in Electronic and Instrumentation Science for U.G. students of Electronic Science and Physics on 27th February 2023. Speakers were Dr. Aditi Joshi (Alumnus), Assistant Professor and Dr. Bhagyashree Joshi Assistant Professor , DOEIS , SPPU
- Organized interaction session on 15th April 2023,with industrial person, Mr. Chandrakant Gaikwad, Senior Module lead, Avaya, Pune for M.Sc. students. (How to prepare for Industrial Environment)

**[B] Research, Paper Presentation by Staff Members**

- **Dr. P. S. Varade** published a paper on "Design and Development of Task light Simulator for Quality Lighting Factor and Simulation of LED tube based Illumination System for Laboratory.", YMER 21, Issue 5, May-2022.
- **Dr. P. S. Varade** published a paper on "Daylight Simulation for a typical using DIALux and Integration of Daylight with artificial lighting for Laboratory Work.", GIS Science Journal , September -2022.
- **Dr. P. S. Varade** published a paper on "Automated crop independent furrow irrigation system.", ISSN No 1869-9391, Volume 9, issue 10, 2022 GIS Science Journal GIS Science Journal , September -2022.
- **Dr. P. S. Varade** published research paper "Multisensory Data fusion for Quality Assessment of fruits and vegetables" in International Journal of Innovations & Research Analysis (IJIRA) S2583-0295 Impact factor :5449 vol 2 No 03(II July-Sept 2022)pp 01-05
- **Dr. Varsha Bapat** published a research paper, "Online Education Degree Courses opportunities & Challenges", International Journal of Food and Nutritional Sciences (IJFANS)e-ISSN 2320 –7876, www.ijfans.org Vol.11, S Iss.1, P.605-617, 2022 (UGC Care Listed)
- **Dr. Varsha Bapat** published a research paper , "Analyzing The Impact Of Stress On Physical Health & Well Being Of IT Company Employees", Journal of Pharmaceutical Negative Results (Volume 14) Regular Issue 03 , 2023,P.2416-2423 (UGC CARE)
- **Dr. Varsha Bapat** published a research paper , "Psychological Impact of Internet Gaming Addiction on Undergraduate Students- A Cross -Sectional Study", Journal for ReAttach

Therapy and Developmental Diversities , eISSN: 2589-7799, 2022 December; 5 (2s): 574-583 (SCOPUS.,UGC CARE)

- **Dr. Varsha Bapat** published a research paper, "A Study of India's New Policy Framework for Education", European Chemical Bulletin, April 2023, 12(Special Issue 1), PGS: 2859-2871 , ISSN 2063-5346 , SCOPUS.
- **Dr. Varsha Bapat** published a research paper, "Synchronization of AI and Deep Learning for Credit Card Fraud Detection", International Journal of Intelligent Systems And Applications In Engineering, IJISAE, April 2023, 11(5s), 52–59. **ISSN: 2147-6799 SCOPUS ( Elsevier)**
- **Dr. Varsha Bapat** published a research paper, "Designing Artificial Intelligence (AI) Based Secured Framework to Improvise the Data Security of Confidential Academic Records", International Journal of Intelligent Systems And Applications In Engineering, IJISAE, April 2023, 11(5s), 38–42.
- **Dr. Varsha Bapat** published a research paper, "A Blockchain Security Based IoT-Enabled System for Safe and Effective Logistics Management in IR 4.0", International Journal of Intelligent Systems and Applications in Engineering IJISAE, April 2023, 11(5s), 43–51.
- **Dr. Varsha Bapat** published a research paper, "Mental Stress Of College Students In The Context Of Suitable Internship In Hand- An Analytical Study**",** European . Chemical . Bulletin. 2023, 12(Special Issue 4), 708-716**P** » doi: 10.31838/ecb/2023.12.si4.0662023.22/04/2023
- **Dr. Varsha Bapat** published a research paper, "Exploring The Challenges In Entrepreneurship In The Current Scenario",European Chemical Bulletin, 2023,12(Special Issue 5),349-361. ISSN 2063-5346,SCOPUS Pdf » doi: 10.48047/ecb/2023.12.si5.0342023.02/05/2023
- **Dr. Varsha Bapat** published a research paper, "Use of Flipped Classroom concept for Practical Experimentation Course in Electronics and Computer Hardware.", International Journal of Creative Research Thoughts( IJCRT)2023 IJCRT | Volume 11, Issue 4 April 2023 | ISSN: 2320-2882 ( UGC CARE Listed)
- **Dr. Varsha Bapat** published a research paper, "Exploring The Challenges In Entrepreneurship In The Current Scenario", European Chemical Bulletin , 2023,12(Special Issue 5),349-361. ISSN 2063-5346,SCOPUS
- **Dr. Varsha Bapat** published a research paper**, "**Measuring Psychological Well being of Entrepreneurial Success – An Analytical Study.", Journal for Re Attach Therapy and Developmental Diversities, eISSN: 2589-7799 2023 April; Vol.6 (4s) P: 338-348. (SCOPUS).

**Research Student Activities :**

- Mrs. Swati Divatankar has submitted her final synopsis to SPPU for Ph.D. degree.

**[C] Activities and Support from Alumni.**

- Mrs. Jyoti Shrote (M.Sc. 2000 Batch) Assistant Professor, Indira College of ASC, Wakad, has contributed towards the Modern Alumni Association.
- Mr. Pravin Rane (B.Sc. 1999 Batch), Prowiz Ltd. has contributed towards the Modern Alumni Association.
- Dr. Aniket Kothawale, Mr. Sunil Pachore, Mrs. Pradnya Pujari, Mr. Amar Deshmukh, Mr. Sahai Surwase, Mr. Ganesh Pawar, Mr. Mangesh Dhyaphule, Mr. Akshay Gadariya, Mrs. Sheetal Mohite Alumni of M.Sc. 2012 Batch sponsored lunch and tea in Imagine 2023 ( University level Project Competition)

**[D] Achievements by students**

1. Rutik Chavan (M.Sc. II) got second prize in Yuva Sanshodhak Scheme (YSS) for a Project Titled **" IoT Based Home Automation"**
2. Krupa Naduskar , M.Sc.(I) passed AFCAT 2023 (Air Force Common Aptitude Test) conducted on 25th Feb 2023.
3. Apurv Kulkarni (M.Sc. II) got second prize in the University Level Project Competition **(Imagine 2023).**
4. Gauri Pote and Priyanka Thorat (M.Sc. II) got consolation prize in University Level Project Competition **(Imagine 2023).**

**[E] Achievements by staff members**

**1. Prof. D.B.Gaikwad**

- Appointed as Head , Department of Electronic Science of Modern College of Arts, Science & Commerce, Pune-5 from 1st July 2022.
- Worked as a Resource person in RUSA sponsored workshop on "Digital Design and implementation using Verilog" on 30th January 2023 organized by S.P. college Pune-30.

**2. Dr. M. R. Bodke** –

- Elected as **Director** in Progressive Education Society's Sevak Sahakari Patpedhi , Shivajinagar , Pune -5 for a 5 years period.
- Two students enrolled for Ph.D degree in Electronic Science under the guidance of Dr. M.R.Bodke.
- Two students enrolled for Ph.D degree in Physics under the guidance of Dr. M.R.Bodke
- Worked as **coordinator** for University Level Poster cum Project Competition (Imagine 2023) organized on 25th February 2023 for T.Y.B.Sc. and M.Sc. Electronic Science students.

**3. Prof. T. B. Sonawane** –

- Nomination by Hon'ble Vice-Chancellor on the Ad-Hoc Board of Studies in Energy and Power in the Faculty of Science and Technology for a group of B.Voc. M.Voc. Diploma, Advanced Diploma, Certificate courses sanctioned by UGC.
- Coordinated and facilitated visit to Pune Metro Station for the UG students of the department.
- Worked as coordinator in "Salag 14 tas Abhyas Abhiyan" on the occasion of 132th Birth Anniversary of Dr. Babasaheb Ambedkar on 13th April 2023.
- Selected for the Ph.D course in Electronic Science subject at DOES Research Centre, Modern College, Shivajinagar, Pune-5.

**4. Prof. T. R. Kumbhar**

- Worked as coordinator for Poster Competition organized on 21st Jan 2023 for F.Y.B.Sc. and S.Y.B.Sc. Electronic Science students.

**5. Prof. A. V. Kamble**

- Two patents filed, one got published in an official journal of Indian Patent Office in the issue of 15/23 dated 14/4/2023 and second is under process.
- Appreciation from NCC, Maharashtra. Four cadets from our college were selected in the Republic Day Parade 2023.
- Invited as chief guest in Modern Primary School for Republic day Flag Hoisting.
- Participated in IP Awareness / Training program organized by Intellectual Prosperity Office , India under National Intellectual Prosperity Awareness Mission on 20th March 2023.
- Won First prize for acting in One Act play organized by Rotary Club.
- Facilitated the Business Plan Competition organized by Rotary international. Our college team won first prize.
- Delivered Lecture in Bhartiya Boudh Mahasabha, Sangvi

**6. Prof. P .S. Varade**

- Published paper on "Design and Development of Task light Simulator for Quality Lighting Factor and Simulation of LED tube based Illumination System for Laboratory.", YMER 21, Issue 5th May-2022.
- Published paper on "Daylight Simulation for a typical using DIALux and Integration of Daylight with artificial lighting for Laboratory Work.", GIS Science Journal , September -2022.
- Published paper on "Automated crop independent furrow irrigation system.", ISSN No 1869-9391, Volume 9, issue 10, 2022 GIS Science Journal GIS Science Journal , September -2022.
- Participated as member of Planning committee in 'Har Ghar Tiranga' by SPPU , 15th Aug 2022
- Selected as a Team leader for National level Adventure Camp at Manali 10/11 to 19/11/2022
- Appointed as NSS district coordinator for Pune Urban AY 2022-23 by SPPU
- Published research paper "Multisensory Data fusion for Quality Assessment of fruits and vegetables" in International Journal of Innovations & Research Analysis (IJIRA) S2583-0295 Impact factor :5449 vol 2 No 03(II July-Sept 2022 pp 01-05

- Elected as Director in Progressive Education Society's Sevak Sahakari Patpedhi , Shivajinagar, Pune -5
- Appointed on faculty selection committee on 16th February 2023 for post of Assistant Professor by ATSS College of Business studies and Computer

**7. Prof. R.V.Vidap**

- Actively participated as a organizer and participant in National Conference on Implementation of NEP2020 on 14-15 Feb 2023 organized at Modern college Pune -5
- Delivered guest lecture on Mental health , stress management under Dr. M.R.Jayakar Employability skill program in association with SPPU at Modern College, Warje.
- Delivered guest lecture on Emotions Work place in FDP at Navsahyadri Group of Institutes , Nasrapur, Pune
- Attended international agriculture youth summit at Kanha Shantivanam , Hyderabad organized by ICAR , Delhi
- Coordinated and facilitated visit of UG students of the department to Pune Metro , as an initiative of Metro Samvaad.

**8. Dr. V.M.Bapat**

- Appointed as a Mentor and Jury for Smart India Hackathon 2022 ( hardware & Software) competitions organized by MHRD, Govt. of India. (25-26 August 2022)
- Published text book "Embedded System Design" for S.Y.B.Sc. (Computer Science), Vision Publication ISBN : 978-93-90646-10-4
- Published text book "Internet of Things (IoT)" for T.Y.B.C.A. ,Vision Publication ISBN : 978-93-90646-96-8
- Guiding B. E(E and TC) students of Modern College of Engineering for their Project of 3rd and 4th year.
- The research contribution in the form of System design is in process of Technology Transfer to an IoT based Company M/S MapanIOT LLP ,Thane ( West) ( Reg.No. AAQ-7059)
- Organized and coordinated the Employability Skill program in association with SPPU for UG students in Commerce stream at Modern College, Warje ( Sister Institute)
- Worked as Coordinator in the Alumni Meet Nov 2022
- Worked as Principal Investigator (PI) , in project Food Safety using MQ-135 gas sensor, under Yuva Sanshodhak Scheme (YSS) of college. She guided two M.Sc. students Rushikesh Bhoite, Apurva Kulkarni
- Published a research paper, "Online Education Degree Courses opportunities & Challenges", International Journal of Food and Nutritional Sciences (IJFANS)e-ISSN 2320 –7876, www.ijfans.org Vol.11, S Iss.1, P.605-617, 2022 (UGC Care Listed)
- Published a research paper, "Analyzing The Impact Of Stress On Physical Health & Well Being Of IT Company Employees", Journal of Pharmaceutical Negative Results ( Volume 14) Regular Issue 03 , 2023,P.2416-2423 ( UGC CARE)
- Published a research paper , "Psychological Impact of Internet Gaming Addiction on Undergraduate Students- A Cross -Sectional Study", Journal for ReAttach Therapy and Developmental Diversities , eISSN: 2589-7799, 2022 December; 5 (2s): 574-583 (SCOPUS.,UGC CARE)
- Published a research paper, "A Study of India's New Policy Framework for Education", European Chemical Bulletin, April 2023, 12(Special Issue 1), PGS: 2859-2871 , ISSN 2063-5346 , SCOPUS.
- Published a research paper, "Synchronization of AI and Deep Learning for Credit Card Fraud Detection", International Journal of Intelligent Systems And Applications In Engineering, IJISAE, April 2023, 11(5s), 52–59. ISSN: 2147-6799 SCOPUS (Elsevier)
- Published a research paper, "Designing Artificial Intelligence (AI) Based Secured Framework to Improvise the Data Security of Confidential Academic Records", International Journal of Intelligent Systems And Applications In Engineering, IJISAE, April 2023, 11(5s), 38–42.

- Published a research paper, "A Blockchain Security Based IoT-Enabled System for Safe and Effective Logistics Management in IR 4.0", International Journal of Intelligent Systems and Applications in Engineering IJISAE, April 2023, 11(5s), 43–51.
- Published a research paper, "Mental Stress Of College Students In The Context Of Suitable Internship In Hand- An Analytical Study**",** European . Chemical . Bulletin. 2023, 12(Special Issue 4), 708-716 P » doi: 10.31838/ecb/2023.12.si4.0662023.22/04/2023
- Published a research paper, "Exploring The Challenges In Entrepreneurship In The Current Scenario", European Chemical Bulletin, 2023,12 (Special Issue 5),349-361. ISSN 2063-5346,SCOPUS Pdf » doi: 10.48047/ecb/2023.12.si5.0342023.02/05/2023
- Published a research paper, "Use of Flipped Classroom concept for Practical Experimentation Course in Electronics and Computer Hardware.", International Journal of Creative Research Thoughts (IJCRT) 2023 IJCRT | Volume 11, Issue 4 April 2023 | ISSN: 2320-2882 ( UGC CARE Listed)
- Published a research paper**, "**Measuring Psychological Well being of Entrepreneurial Success – An Analytical Study.", Journal for Re Attach Therapy and Developmental Diversities, eISSN: 2589-7799 2023 April; Vol.6 (4s) P: 338-348. (SCOPUS).

**9. V. A. Chaudhari**

- Worked as **Principal Investigator (PI)**, in a project titled "Automatic Street Light Controller" under Yuva Sanshodhak Scheme (YSS) of college. She guided two M.Sc. students Bamane Asawari and Nimbalkar Harshada.

**10. Prof. G. M. Tarate**

- Worked as **coordinator for University Level Poster cum Project Competition** (Imagine 2023) organized on 25th Feb 2023 for T.Y.B.Sc. and M.Sc. Electronic Science students.
- Worked as **Principal Investigator (PI)**, in projects titled "IoT based Home Automation", "Automatic College Bell Management System", under Yuva Sanshodhak Scheme (YSS) of college. He guided two M.Sc. students Bagul Kautik, Rutik Chavan.

**11. Prof. A. S. Londhe**

- New Appointment in the Department of Electronic Science.
- Worked as member of organizing committee for Imagine 2023, Project cum Poster Competition for T.Y.B.Sc. and M.Sc. Electronic Sc. students, organized on 25th Feb 2023.
- Prepared Verilog Lab Manual for M.Sc.I students.

**12. Mr. Yogesh Sonawane**

- Appreciated as BEST BLO on 25th January 2023 by Voting Registration Officer Shivajinagar Assembly Constituency for 2022 and 2023.
- Dr. Umesh Hivarkar (Industry Expert) worked as a visiting faculty for M.Sc. Course. Dr. Ghatule, Dr. P. K. Bhadane and Dr. M. R. Bodke are research guides at our Research Centre. Recently six research students are pursuing research work for their Ph.D. Degree in Post-Graduate Research Centre of Electronic Science.

**- D. B. Gaikwad**

Head, Dept. Electronic Science

# Department of Mathematics

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. A. N. Bhavale | HoD and Chairperson of DIQAC | 9890446339 | hodmaths@moderncollegepune.edu.in |
| 2 | R. K. Gawade | Member 1 | 9673721498 | gawademaths@moderncollegepune.edu.in |
| 3 | Mrs. S. N. Gajul | Member2 | 9623284886 | gurrammaths&@moderncollegepune.edu.in |
| 4 | P. V. Gadagkar | Member 3 | 9890400444 | gadagkarmaths@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders:

Faculty: **11** Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year : Nil

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | 1 | 1 | |
| PG | 1 | | 1 | |
| UG | 1 | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | 2 | 1 | 2 | 0 |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year : 2

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : Nil

1.2.1 - Number of new courses introduced across all programmes offered during the year : Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS) / Elective Course System : 2

1.3.2 Field Projects / Internships under taken during the year : Nil

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 11 | 11 | Notes in Digital Library. PPT presentation | 5 | 0 | - |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 7 | 5 | 2 | - | |

2.2 No. of permanent faculty with Ph.D. : 03

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 5 | | 2 | | 0 | | | | 7 | 0 |

2.4 No. of Guest and Visiting faculty and Temporary faculty : 0+1+5

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year ): Nil*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 11 | |
| Presented papers | 1 | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning: Nil

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1 | Dr A N Bhavale | Chairman, BoS | May 16, 25 & July 1, 2023 |
| 2 | Mr.D S Mane | Member, BoS | |
| 3 | Mr.P V Gadagkar | Member, BoS | |
| 4 | Dr. Mrs. P. M. Paratane | Member, BoS | |
| 5 | Dr. Mrs. N. H. Mahajan | Member, BoS | |
| 6 | Mrs. M. S. Rane | Member, BoS | |
| 7 | Mr. R. K. Gawade | Member, BoS | |
| 8 | Mrs. S. N. Gajul | Member, BoS | |

2.10 Average percentage of attendance of students : 80%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :
As per the central guidelines.

2.13 Initiatives undertaken towards faculty development by the department :

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | 1 |
| UGC – Faculty Improvement Programme | 1 |
| HRD programmes | |
| Orientation programmes | |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | |
| Summer / Winter schools, Workshops, etc. | |
| Others | |

2.14 Details of Administrative and Technical staff : Nil

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year : Nil

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution ?/If not,when did he/she leave the institution ?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr A N Bhavale | Ph.D. | Yes | 24/06/2021 | Yes | B. P. Aware | 2022-23 | |

| 3.3.1 Incentive to the teachers who receive recognition/awards: Nil | | |
|---|---|---|
| State | National | International |
| | | |

| 3.3.2 Ph. Ds awarded during the year : | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |
| Mathematics | 1 |
| | |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects : Nil

3.3 Details regarding minor projects : Nil

3.4 Details on research publications in current academic year : Nil

*Please provide the information in following format as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year : Nil

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index : Nil

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science) **:** Nil

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations : 03

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|---|---|---|---|---|
| Major projects | | | | |
| Minor Projects | | | | |
| Interdisciplinary Projects | | | | |
| Industry sponsored | | | | |
| Projects sponsored by the University/ College | | | | |
| Students research projects *(other than compulsory by the University)* | 2022-23 | Yuva Sanshodhak Scheme | 15000 | 5000 |
| Any other(Specify) | | | | |
| Total | | | 15000 | 5000 |

3.7 No. of books published : Nil

i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year: Nil

3.10 consultancy provided by the Department: Nil

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department : Nil

3.12 Details faculty served as experts, chairpersons or resource persons: Nil

| Sr. No. | Name of the Staff Member | Role | Name of Conference / Seminar / Symposia |
|---|---|---|---|
| 1 | Mr. P V Gadagkar | Special Observer | MS-DEED Level 1 Programme at Shivaji College,Amravati |
| 2 | Mr. P V Gadagkar | Resource Person | Workshop on NET SET at Dr. Homi Bhabha State University, Mumbai |

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations: Nil

3.14 Details of linkages created during this year: Nil

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year: Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year: Nil

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1 | Dr A N Bhavale | SPPU, Pune 7 | B. P. Aware | 2022-23 |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 1 | B. P. Aware | Dr A. N. Bhavale | 2022-23 | |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other) : Nil

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | 11 | | |
| Presented papers | 1 | | | |
| Resource Persons | | | | |

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year: Nil

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year: Nil

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year: Nil

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year: Nil

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 5 | - | Yes | - | - | - | - | - | - |
| Added | | - | - | - | - | - | - | - | - |
| Total | 5 | - | Yes | - | - | - | - | - | - |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 159 | 24 | 1 | |

(b) No. of students outside the state: 3

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students : 0

*Please provide the list of students, Gender, class, category as annexure*

| Men | No | % |
|---|---|---|
| | | |

| Women | No | % |
|---|---|---|
| | | |

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| | **Names of students selected/ qualified** | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Chaitali Birewar** | | | | | | | | | | | | | |
| | **Nikita Pawale** | | | | | | | | | | | | | |
| **Registration number/ Roll number for the exam** | **NET** | **IIT-JAM** | **SLET/ SET** | **JRF** | **GATE** | **GMAT** | **CAT** | **GRE** | **JAM** | **IELTS** | **TOEFL** | **Civil Services** | **State government examinations** | **Other examinations conducted by the State / Central Government Agencies (Specify)** |
| | Nil | 2 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | – |
| | | | | | | | | | | | | | | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance: Nil

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities: Nil

1. Soft Skills
2. Language and Communication Skills

3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template): Nil

5.11 Student organised / initiatives : Nil

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies** | | |
|---|---|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year: Nil | | |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year: Nil | | |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
| MS-DEED Level 2 - Master Trainer Programme | 1 | Dec. 2022 |
| Refresher Course in Mathematics | 1 | 2 weeks |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: Designed First Year UG and PG syllabus as per NEP 2020 guidelines

6.3.2 Teaching and Learning: Introduced batchwise practicals for UG.

6.3.3 Examination and Evaluation: Practical examinations are conducted batchwise at the department level.

6.3.4 Research and Development: Started research center from this academic year.

6.3.5 Library, ICT and physical infrastructure / instrumentation: NA

6.3.6 Human Resource Management: UG and PG coordinators are appointed.

6.3.7 Faculty and Staff recruitment: Two additional staff members are recruited for the conduction of the practicals.

6.3.8 Industry Interaction / Collaboration: NA

6.3.9 Admission of Students: PG admissions are done online through online entrance examination.

6.11 Activities and support from the Alumni Association: Nil

6.12 Activities and support from the Parent – Teacher Association: Nil

6.13 Development programmes for support staff: Nil

6.14 Initiatives taken by the institution to make the campus eco-friendly: Re-use of papers

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department

i. Conduct of Guest Lectures and Workshops.

ii. Guidance sessions for Competitive / Entrance Examinations.

7.4 Contribution to environmental awareness / protection

i. The department uses LED lamps to save energy.

ii. Admission process for all courses of the department is online.

iii. Dust free chalks are used.

iv. Communication through email.

v. Re-use of the used papers

7.6 SWOC Analysis of the Department

**Strength:**

- Very encouraging response for Mathematics at B.Sc. and M.Sc.
- We started a Research Centre in Mathematics with 3 Ph.D. guides and 1 student.

**Weakness:**

- The subject is in great demand at UG. However, due to limited intake capacity, the demand can not be fulfilled.
- Placement activity at departmental level needs to be strengthened.

**Opportunities:**

- The staff members have opportunities to undertake Minor/Major Research Projects.
- Enhancing the quality of education, through the collaborative activity with SPPU, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

**Challenges:**

- To inculcate research aptitude in students.
- Genuine multifaceted limitations of the students coming from varied socio-economic backgrounds creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

8. **Plans of Department for next year :**

**To develop an independant well equipped computer Laboratory for the department.**

Name 1: Name :

Name 2 :

Name and Signature of the Members, DIQAC Signature of the Chairperson, DIQAC

The Department of Mathematics is one of the oldest departments. The teaching staff of the department is highly qualified, efficient and whole heartedly devoted to the benefit of students throughout the year. The strength for the respective classes in the academic year 2022-23 was as follows.

| Sr.No. | Class | Strength |
|---|---|---|
| 1 | F.Y.BSc. | 72 |
| 2 | S.Y.BSc. | 111 |
| 3 | T.Y.BSc. | 41 |
| 4 | F.Y.BSc.(Comp. Sci.) | 207 |
| 5 | S.Y.BSc.(Comp. Sci.) | 152 |
| 6 | M.Sc. I | 14 |
| 7 | M.Sc.II | 29 |

- The department has started a Research Center in Mathematics and 6 students were selected provisionally for PhD in Mathematics out of 22 applications. There are three Research Guides available at the center.

**Student Achievements:**

- Chaitali Birewar, Nikita Pawale, Prajyot Pyati (AIR – 6) have cleared the IIT-JAM examination.
- Chintaman Burse and Tanuja Talikhede attended the Republic Day Parade at Rajpath, New Delhi on 26th January 2023.

**Staff Achievements:**

**Dr A. N. Bhavale:**

a) Presented a research paper “Counting of some classes of lattices on up to three reducible elements” in the international SIIRT conference on scientific research held on 18th and 19th November 2022 at SIIRT University, Türkiye.

b) Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 at Modern College, Pune-5.

c) Guided 3 groups of students of MSc Mathematics for the research projects under Yuva Sanshodhak Scheme. One of the students stood first in completion of his project successfully in the Faculty of Science.

**Pratul V. Gadagkar:**

a) Participated in the International 1-day Online Workshop on Hands-On-Minds-On: Effective Science Teaching and Learning for undergraduate teachers conducted jointly by Durham University, UK and IISER.

b) Participated in MS-DEED Level 2 - Master Trainer Programme conducted by MSFDA and IISER Pune.

c) Worked as a Special Observer in MS-DEED Level 1 Programme conducted by Shivaji College of Arts, Commerce and Science affiliated to Sant Gadge Baba Amravati University.

d) Worked as a Resource Person in Workshop on NET SET Exam conducted by Dr. Homi Bhabha State University, Institute of Science, Mumbai.

e) Participated in a Webinar on Online Artificial Intelligence ChatGPT conducted by Aakash Arvind Chowkase University of California, Berkeley.

f) Worked as a Master Trainer in Inquiry Based Teaching of Maths Courses jointly conducted by Karmavir Bhaurao Patil College, MSFDA and IISER Pune.

g) Five sessions on GeoGebra, Introductory Python and Microsoft Excel for the students of T.Y.B.Sc. Mathematics was conducted in the second semester.

**Dr P. M. Paratane:**

a) Awarded Ph.D. in Mathematics on 23 December 2022 from Savitribai Phule Pune University. Title of Thesis**:** Fuzzy Programming Approach to Multicriteria Decision Making Transportation Problem and Sensitivity Analysis

b) Completed Two-week Refresher Course in Mathematics with 'A' Grade from Sardar Patel University, Gujarat.

**Dr N. H. Mahajan:**

- Delivered an invited talk to MSc (Mathematics) I and II students of S. P. College Pune entitled "Secret Coding" on 24 March 2023.

**Mr. Rohan K Gawade:**

- Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 at Modern College, Pune-5.

**Mrs. S. N. Gajul:**

a) Worked as an evaluator for the projects at Inspire Award Manak 2021-22 DLE online on 11th January 2023.

b) Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 in Modern College of Arts Science and Commerce, (Autonomous), Pune-5.

**Ms. A. Gavhane: (New Appointment)**

- Participated in the National Conference on Implementation of National Education Policy 2020 on 14 th and 15 th February 2023 in Modern College of Arts, Science and Commerce, (Autonomous), Pune-5.

**Ms. V. Asawa:**

a) Worked as an evaluator for the projects at Inspire Award Manak 2021-22 DLE online on 11th January 2023.

b) Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 in Modern College of Arts Science and Commerce, (Autonomous), Pune-5.

**Ms. P. Chavan: (New Appointment)**

a) Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 in Modern College of Arts Science and Commerce, (Autonomous), Pune-5.

b) Attended an Online lecture series on NET-SET Examination preparation organized by Bhaskaracharya Pratishthana in January 2023.

**Mrs. R. Ahuja: (New Appointment)**

a) Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 in Modern College of Arts, Science and Commerce, (Autonomous), Pune-5.

b) Attained the webinar on Online Artificial Intelligence ChatBots (tools): intro, demos and how it might affect our classrooms. MS-DEED Programme, a MSFDA and IISER Pune Collaboration on 25th march 2023.

**Ms. M. Kendre: (New Appointment)**

- Participated in the National Conference on Implementation of National Education Policy 2020 on 14th and 15th February 2023 in Modern College of Arts, Science and Commerce, (Autonomous), Pune-5.

**- Dr. A. N. Bhavale**

Head, Dept. of Mathematics

# Department of Microbiology

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Shilpa Mujumdar | HoD and Chairperson of DIQAC | | hodmicro@moderncollegepune.edu.in |
| 2 | Mr. Vivek Bobade | Member 1 | | bobademicro@moderncollegepune.edu.in |
| 3 | Ms. Sheetal Pardeshi | Member2 | | pardeshimicro@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty 05

Non-Teaching Staff Students 02 Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department: NIL

Total Nos. International National State Institution Level

(ii) Themes : NIL

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Microcosm event

2. One day workshop on " How to write project report" for M.Sc II students (from all Pune district) with Association of Microbiologist (AMI), India

3. Skill development workshop with Mahindra and Mahindra for M.Sc. II students.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| To conduct events and workshops | done with two workshops and one event |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | Research centre in Microbiology | nil | nil | nil |

| | | | | |
|---|---|---|---|---|
| PG | M.Sc. | nil | Pharmaceutical Techniques | nil |
| UG | B. Sc. | nil | nil | nil |
| PG Diploma | nil | nil | nil | nil |
| Advanced Diploma | nil | nil | nil | nil |
| Diploma | nil | nil | nil | nil |
| Certificate | nil | nil | nil | nil |
| Others | nil | nil | nil | nil |
| **Total** | nil | nil | nil | nil |
| Interdisciplinary | | nil | nil | nil |
| Innovative | | nil | nil | nil |

1.1.2 Number of Programmes where syllabus revision was carried out during the year : ??

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : NEP for FY B.Sc. and M.Sc. I

1.2.1 - Number of new courses introduced across all programmes offered during the year :

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| **Name of the value-added courses (with 30 or more contact hours) offered** | **Course Code, if any** | **No. of times offered during the year** | **Duration of course (in hours)** | **Number of students enrolled during the year** | **1.3.3 Number of students who completed the course during the year** |
|---|---|---|---|---|---|
| **Pharmaceutical Techniques** | **Nil** | **once** | **40 hours** | **44** | **44** |

1.3.2 Field Projects / Internships under taken during the year : NIL

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 12 | 12 | yes | 2 | 2 | yes |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 03 | 03 | 0 | 0 | 0 |

2.2 No. of permanent faculty with Ph.D. =01

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty : Nil

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia: 02+11

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | 2 | 11 | - |
| Presented papers | 2 | - | - |
| Resource Persons | | - | - |

International Conference on 'Environmental Sustainability and Biotechnology: Opportunities and Challenges' ,16th to 19th November 2022.

National conference on NEP organized by our college.

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning: NIl

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member : 12 as a member HOD as Chairman for our dept. BOS of NEP

2.10 Average percentage of attendance of students : 80 %

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

By taking feedbacks about teachers from students on regular basis for each sem

2.13 Initiatives undertaken towards faculty development by the deartment - NIL

2.14 Details of Administrative and Technical staff - NIL

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year - NIL

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution?/ If not,when did he/she leave the institution?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr. Shilpa Mujumdar | Ph.D. Microbiology | yes | 2017 | yes | Mrs. Anushka Devale Mrs. Rupali Sawant | March 2017 (Both) | Already given in the last AQAR |

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year - NIL

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution :

Four staff members already registered for phd and pursuing their Ph.D. in Microbiology

3.2 Details regarding major projects : NIL

3.3 Details regarding minor projects : NIL

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 01 | - | - |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | | |

*Please provide the information in following format as annexure*

***This journal is scopus indexed***

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Anushka Devale Rupali Sawant, Shilpa Mujumdar | Production and characterization of bioemulsifier by Parapedobacter indicus | Frontiers in Microbiology | Front. Microbiol. 14:1111135, 16 February 2023 | 5.2 |

*Please provide scan copies of the papers published as annexure*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | |
|---|---|---|---|
| | Department | No. of Publication | Average Impact Factor, if any |
| National | | | |
| International | | Above paper Scopus indexed | |

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

| Title of the paper | Name of the author | Title of the journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citations |
|---|---|---|---|---|---|---|
| | | Same as above | | of what ?? | dept of microbiology. MCASC (autonomous), shivajinagar, Pune 5 | 3 |

3.3.6 h-index of the **Institutional Publications** during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations : NIL

3.7 No. of books published i) With ISBN No. Chapters in Books = 01 (ISBN NO, of Book)978-0-323-91875-6

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1 | Dr. Shilpa Mujumdar | Plant Microbe Interaction-Recent advances in molecular and biochemical approches | Elsevier-Academic Press | 978-0-323-91875-6 | 2023 |

| 3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year | |
|---|---|
| Department | No. of publication |
| Microbiology | 01 |

3.10 consultancy provided by the Department : yes

| Sr. No. | Name of the Staff Member | Consultancy Provided to | Revenue Generated |
|---|---|---|---|
| 1 | Dr. Shilpa Mujumdar | Ph.D. student from Military College of Engineering (CME), Dapodi Pune | Rs. 6000/- |

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons : NIL

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations :

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1 | Green Array company | Local | regarding students projects |

3.14 Details of linkages created during this year : nil

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year :

**Ms. Sheetal Pardeshi applied for a patent. (national as well as international). take the details from her as she has not added it here.**

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year : NIL

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1 | Dr. Shilpa Mujumdar | Savitribai Phule Pune university, Pune | 1. Anushka Ashish Devale<br>2. Rupali Shailesh Sawant | 2018 |
| | | | | |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 1 | Anushka Ashish Devale | Dr. Shilpa Mujumdar | 2018 | |
| 2 | Rupali Shailesh Sawant | Dr. Shilpa Mujumdar | 2018 | |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other): NIL

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | | | |
| Presented papers | 02 | | | |
| Resource Persons | - | | | |

| **3.5 Collaborations** |
|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year : NIL

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level) :

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 03+2 (laptops) | 00 | yes | 00 | 00 | 00 | 01 | 200mbps | - |
| Added | 00 | 00 | NIL | | | | | | |
| Total | 5 | 00 | | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

(b) No. of students outside the state

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 133 | 99 | 2 | 00 |

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students : NIL

*Please provide the list of students, Gender, class, category as annexure*

| Men | No | % |
|---|---|---|
| | | |

| Women | No | % |
|---|---|---|
| | | |

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) : NiL

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year : Nil

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

| **Name of the Capacity Development and Skill Enhancement programme** | **Year of implementation** | **Number of students enrolled** | **Name of the agencies/consultants involved with contact details, if any** |
|---|---|---|---|
| soft skills | 2022 | 34 | Mahindra and Mahindra PVT LTD |

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template): NIL

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | Micrososom | different competitions | college level | 1. Lecture series<br>2. Microttoon<br>3. Documentry<br>4. Poster and model competition<br>5. 5. Quiz competition |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year : 11

| Year | Name of teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|---|---|---|---|---|
| 2022 | 1. Anushka Devale<br>2. Rupali Swant<br>3. Sheetl Pardeshi<br>4. Raksha Shendge<br>5. Mr. vivek Bobade<br>6. Bhoomika Karamchandani<br>7. Ankita Kulkarni<br>8. Sayali Kirtiwar<br>9. Lavina Pinto | National conference on NEP organized by our college | | |

| |
|---|
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year |
| NIL |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development : Syllabus was restructured as per NEP 2020

6.3.2 Teaching and Learning :

6.3.3 Examination and Evaluation : Done paper setting and checking as per autonomy requirements

6.3.4 Research and Development : Promoted staff for Ph.D.

6.3.5 Library, ICT and physical infrastructure / instrumentation : All labs are with LCD and internet facility

6.3.6 Human Resource Management :

6.3.7 Faculty and Staff recruitment : 8 new staff recruited as requirement

6.3.8 Industry Interaction / Collaboration : Collaborated with industries for OJT

6.3.9 Admission of Students : B.Sc.and M.Sc. admissions were done as per merit

6.11 Activities and support from the Alumni Association : Alumni support students by posting advertisements on whatsapp group and help them getting recruited

6.12 Activities and support from the Parent – Teacher Association : Parent teacher meeting held for FY and M.Sc. I students to know more about their interest and progress

6.13 Development programmes for support staff :

6.14 Initiatives taken by the institution to make the campus eco-friendly :

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department :

All staff members use LCD and internet facility to teach students

Department conducts extracurricular activities for students every year

Arrange guest lectures and visits for students

7.4 Contribution to environmental awareness / protection :

7.6 SWOC Analysis of the Department :

Strength : Qualified staff, well equipped laboratories

Weakness : Research projects, research papers, branding could be better

O : good opportunities to do collaborations with different industries and institutes

C :Rapid change in education system, increase in competition

8. **<u>Plans of Department for next year:</u>**

1. Establishment of Department-Industry collaboration
2. Environmental Consultancy Services to the society, industries etc
3.

*Name 1:* *Name :*

*Name 2 :* *Dr. shilpa Mujumdar*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

Following are the activities organized by Department and achievements of staff as well as students:

***Staff Achievements:***

**Dr. Shilpa Mujumdar :**

- Granted Indian Patent
- Published original research article in Journal frontiers in Microbiology impact factor 5.6
- Appointed as Treasurer for Association of Microbiologist, India Pune Unit
- Worked as coordinator of symposium for M. Sc. students in association with AMI Pune Unit entitled "Dissertation: Plan, design and Execute"
- Worked as Chairperson for Yuva Sanshodhak Scheme (YSS)
- Organized Microcosm Competitions

**Ms. Sheetal Pardeshi**

- Applied for Indian and International patent.
- Worked as organizing committee member for symposium for M. Sc. students in association with AMI Pune Unit and National conference on Implementation of National Educational Policy 2020

**Mr. Vivek Bobade**

- Arranged / Organized / Participated in workshops, seminars, conferences:
  Contributed as a member of the organizing committee for Documentary presentation and Paper presentation competitions organized under Microcosm 2022 by the Department of Microbiology, 2023.

**Mrs. Anushka Devale**

- Published original research article in Journal frontiers in Microbiology. Production and characterization of bioemulsifier by *Parapedobacter indicus*
- Arranged/ Organized/ Participated in workshops, seminars, conferences:
- Worked as Coordinator for Microbiology quiz contest conducted under Microcosm
- Contributed as a member of the organizing committee for Documentary, Model, Poster and Quiz competition organized under Microcosm by the Department of Microbiology, 2023.
- Participated in the organization of lecture series as part of Microcosm 2023.
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.

**Mrs. Rupali Sawant**

- Published original research article in Journal frontiers in Microbiology. Production and characterization of bioemulsifier by *Parapedobacter indicus*
- Worked as Coordinator for lecture series as part of Microcosm 2023.
- Contributed as a member of the organizing committee for Documentary, Model, Poster and Quiz competition organized under Microcosm by the Department of Microbiology, 2023.
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.

**Ms. Ankita Kulkarni**

- Worked as Coordinator for Micro-toon activity conducted under Microcosm
- Worked as UG coordinator for the year 2022-2023.
- Contributed as a member of the organizing committee for Documentary, Model, Poster and Quiz competition organized under Microcosm by the Department of Microbiology, 2023.
- Participated in the organization of lecture series as part of Microcosm 2023.
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.

**Mrs. Saili Kirtiwar**

Arranged/ Organized/ Participated in workshops, seminars, conferences:

- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.
- Involved in organization of Rangoli and Documentary Competition of Microtoon 2023 organized by Department of Microbiology, MCASC, Pune from 23rd Feb to 25th Feb, 2023.
- Involved in Hall Arrangement for the One Day Symposium on "Dissertation: Plan, design and Execute" in collaboration with Association of Microbiologists of India on 25th March 2023.

**Ms. Lavina Pinto**

- Books Publications (References books/ Textbooks):
- Book chapter on "Types of Bioemulsions in Pharmaceutical and Cosmetic Industries" is under communication for publication.
- Book chapter on "Applications of Bioemulsifiers in Pharmaceutical and Cosmetic Industries" is under communication for publication.
- Arranged/ Organized/ Participated in workshops, seminars, conferences:
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.
- Designed certificates of Microcosm 2023 and involved in organization of Microtoon event of Microtoon 2023 organized by Department of Microbiology, MCASC, Pune from 23rd Feb to 25th Feb, 2023.
- Involved in certificate designing and distribution and arrangement of refreshments for the One Day Symposium on "Dissertation: Plan, design and Execute" in collaboration with Association of Microbiologists of India on 25th March 2023.
- Any other achievements: Appointed as P. G. Co-ordinator for the academic year 2022-23.

**Dr. Ekta Kamble**

- Appointment of new staff: 10 January, 2023
- Arranged/ Organized/ Participated in workshops, seminars, conferences:
- Organized project presentations under College-wide Yuva Sanshodhak Scheme
- Organized lecture series as part of Microcosm 2023.
- Organized of One-day Symposium on "Dissertation - Plan, design and Execute" in collaboration with Association of Microbiologists of India
- Participated in Two day National Conference on NEP 2022

**Mrs. Bhoomika Karamchandani**

- Special Awards:
- Guided students and won FIRST prize for YSS project entitled "Antimicrobial efficacy of Nanoparticles synthesized using leaf extracts coupled with Silver " undertaken from April 2022 to February 2023.
- Arranged/ Organized/ Participated in workshops, seminars, conferences:
- Involved in the registration process for the one day symposium on "Dissertation: Plan, design and Execute" in collaboration with Association of Microbiologists of India.
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.
- Contributed as a member of the organizing committee for Documentary, Quiz, Model and Poster competition organised under Microcosm by the Department of Microbiology on February, 2023.
- Participated in the Faculty Development Program (FDP) 2-day workshop on "Discovering the teacher within you and The Evolving role of a Teacher" organized by the Value Based Education Committee in collaboration with Centre for Innovation in Teaching, Learning and Evaluation, Modern College of Arts, Science and Commerce, Shivajinagar Pune on 19th April 2022 and 20th April 2022.

**Ms. Dimple Parate**

- Special Achievements:
- Guided students and won second prize for YSS project entitled "Isolation and Identification of Microbial Diversity from the campus soil" undertaken from April 2022 to February 2023.
- Qualified SPPU PET 2022 exam.
- Arranged/ Organized/ Participated in workshops, seminars, conferences:
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.
- Contributed as a member of the organising committee for Documentary, Quiz, Model and Poster competition organised under Microcosm by the Department of Microbiology on February, 2023.
- Worked as a coordinator for "Entrepreneurship skills, Attitude and Behaviour Development" organised by Department of Microbiology under Institute Innovation Council (IIC) committee; MCASC on 7th February 2022.
- Participated in the Faculty Development Program (FDP) 2-day workshop on "Discovering the teacher within you and The Evolving role of a Teacher" organised by the Value Based Education Committee in collaboration with Centre for Innovation in Teaching, Learning and Evaluation, Modern College of Arts, Science and Commerce, Shivajinagar Pune on 19th April 2022 and 20th April 2022.

**Dr. Priyanka Navghare**

- Date of Appointment : 17/08/2022
- Special Achievements :
- Involved in the registration process for the one day symposium on "Dissertation: Plan, design and Execute" in collaboration with Association of Microbiologists of India.
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.
- Contributed as a member of the organising committee for Documentary, Quiz, Model and Poster competition organised under Microcosm by the Department of Microbiology on February, 2023.

**Ms. Raksha Shendge**

- Date of Appointment :17/08/2022
- Special Achievements:
- Contributed as a member of the organizing committee for Documentary,Lecture series, Microtoon, Model, Poster and Quiz competition organized under Microcosm by the Department of Microbiology , 2023.
- Participated in 2 days "National conference on Implementation of National Educational Policy 2020 " on 14th and 15th Feb, 2023.

**Students Achievements**

- Best Student trophy was awarded to Ms. Madhuri Sangnale, Senior wing, from TY.BSc. Micro for being shortlisted for second runner up 2022.
- Ektha Kalalkar from TY.BSc. Micro won Gold Medal in Thal Sainik camp held in Delhi 2022.
- Aakansha Apte, Krishika Warude and Diksha Chitale won first prize in AMR Quiz competition 2022 held at Department of Microbiology SPPU.
- Kalyani Gore of MSc Part I was awarded first prize in poster presentation at Micro olympiad held by government institute of life science, Aurangabad 2022.
- Somya Bhandari, Shweta Salunke and Prashant Salunke of MSc under guidance of Bhoomika Karamchandani maam won first prize in Yuva Sanshodhak Scheme competition
- Baljitsing Rajput, Subodh Gutte and Vaishnavi Ghuge of MSc under guidance of Dimple Parate won second prize in Yuva Sanshodhak Scheme competition

**Report on One-Day Symposium entitled "Dissertation – Plan, Design, and Execute"**

A one-day symposium on "Dissertation – Plan, Design, and Execute" was jointly organized by Department of Microbiology, MCASC, Shivajinagar – 05 and Association of Microbiologists of India, Pune unit on Saturday, 25 March, 2023. From 9 am to 3.30 pm. This symposium was organized for P. G. students belonging to all colleges of Maharashtra.

Eminent scientists from reputed students were invited as resource persons to guide students about how to conduct a successful dissertation which is part of their curriculum. Dr. P. K. Dhakephalkar, Director of Agharkar Research Institute, was the chief-guest as well as a resource person who spoke about how research should be conducted while doing a dissertation. Dr. Dheeraj Dhotre, Scientist, National Center of Microbial Resources, spoke about the importance of scientific writing and how to improve it. Dr. Ashish Polkade, founder of Bharat Eco Solutions and Technology, gave a general idea about what is expected from a dissertation student. Dr. Asim Auti, Coordinator Maharashtra State Development of Educators and Enhancement in Delivery, Indian Institute of Science and Education research, explained very well what one must expect while conducting research and therefore a dissertation that lasts only 6 months. Dr. Yogesh Shouche, former Principal Investigator of National Center of Microbial Resources, enlightened the audience on the stepwise procedure of conducting research and what is expected from a project.

Students and teachers alike benefitted from this activity and gave positive feedback on the entire event.

**Report of Microcosm 22-23**

The Microcosm 22-23 three day's activities conducted by the Department of Microbiology in collaboration with Science Association. The activities were successfully conducted under the valuable guidance of respected principal Dr. R.S. Zunjarrao, Dr. Shilpa Mujumdar Head Department of Microbiology.

**Day 1**

On 23rd February the microcosm 2023 was inaugurated with a Lecture series on the theme of 'career opportunities in Microbiology'. The online lecture series was coordinated by Assistant Professor Rupali Sawant and Assistant Professor Ekta Kamble. The invited speakers were, **Mrs.** Shradha Omkar Boid, Editorial Associate, Springer Nature India, Magarpatta, Hadapsar, Pune., Dr. Sougata Ghosh, Visiting Professor, Department of Physics, Faculty of Science, Kasetsart University, Bangkok, Thailand, Mr. Shubhankar Ambike**,** PhD Student, Institute of Virology, Technical University of Munich, Trogerstr.30, 81675, Munich, Germany; all distinguished alumni of the Department. It is a pride to mention here that all the speakers in the lecture series are our departmental alumni and working on renowned positions in various scientific organisations. The faculties as well as students were highly benefited with the interaction with the speakers.

**Day 2**

The second day of Microcosm 22-23, started with a Documentary competition in the assembly hall of our college. The competition was coordinated by Assistant Professor Vivek Bobade and Assistant Professor Saili Kirtiwar. Students of B.Sc. and M.Sc. Microbiology produced very creative and informative documentaries and presented those in front of UG PG students, Faculty and respected Judge Dr.Rajkumar Barmukh, Department of Botany.

**Microbiology Quiz contest 22-23**

The Microbiology Quiz contest (UG) was coordinated by Assistant Professor Anushka Devale and Assistant Professor Sheetal Pardeshi. The participants were divided amongst the four groups namely Lehninger, Mendel, Flemming and Pasteur after the names of renowned scientists in Microbiology. The quiz was conducted in 4 rounds like Microbial concepts dumb charades , Multiple Q and A, Rapid fire round and final visuals based questions round. Finally the Flemming group won the contest. This activity was fun-filled and full of knowledge. Even the audience participated in the contest by answering unanswered questions in the quiz.

1. Students engrossed in quiz
2. Microbiology 22-23 quiz scorers
3. Assistant professor Saili Kirtiwar & assistant professor Raksha Shendge

4. Microbiology quiz contest 2022-23

- In the afternoon of the second day, the paper presentation competition was conducted to build scientific communication skills in students. Both UG and PG students actively participated in the competition and their performance was highly appreciated by the entire faculty as well as respected judge Dr. Sachin Sakate, Department of Chemistry. The coordination of this activity was done by Assistant professor Vivek Bobade and Assistant professor Priyanka Navghare.

**Day 3**

Four competitions were conducted simultaneously Microtoon, Microbiological Rangoli, Model and Poster competition 22-23 in the morning session, under the coordination of Assistant Professors Saili Kirtiwar, Lavina Pinto, Ankita Kulkarni, Raksha Shendge, Bhoomika Karamchandani and Dimple Parate. UG and PG students actively participated in these activities. Students displayed beautiful and creative ideas, and demonstrated excellent presentation skills in these competitions.

**Microcosm - Poster Presentation Report (2023)**

The Poster Presentation activity was one of the events in Microcosm 2023 organized by the Department of Microbiology, Modern College of Arts, Science and Commerce, Shivajinagar Pune.

**Objectives of the Competition:**

1] To introduce a primer to students to develop and strengthen scientific skills, communication, and cultivate competence.

2] To ease the understanding of the subject concepts by visual and creative depictions through the preparation of posters.

3] To enhance teamwork among students.

**Date of Competition:** 25/02/2023

**Time of Competition:** 12:00 noon -2:00 pm.

**Judges:** Dr. Bharat Kalbage from Zoology Department, MCASC, Shivajinagar, Pune.

**Coordinator:** Ms. Dimple Parate.

**Participants:**

1] PG – There were a total number of 7 participants from the Postgraduate section for Poster Presentation.

2] UG – There were a total number of 25 participants from the Undergraduate section for Poster Presentation.

In this activity, various posters were presented by the students based on the current life science topics and various concepts related to microbiology.

**Prize Given:**

Compering for the prize distribution was done by Dr. Ekta Kamble.

Participating certificates were given to all the participants.

Winners were rewarded with an appreciation certificate and a Gold Medal for the 1st ranker, a Silver Medal for the 2nd ranker, and Bronze Medal for the 3rd ranker.

The winner's list for UG Poster Presentation Competition is as follows:

**Ranks Poster Presentations**

**UG Section**

1st Ankita Dhongade, Mokshada Bathara, UG (SYBSc)

2nd Vaishnavi Sanap, Yashaswini Sharma, UG (SYBSc) Janhvi Wagholikar, UG (FYBSc)

3rd Hiya Pujara, Samanaa Mutalik, Shruti Pawar, Lalita Bapur, Dhanashree Musudage, UG (SYBSc), UG (TYBSc)

Consolation - Krishika Warude, Diksha Chitale, Aakansha Apte UG (TYBSc)

The winner's list for PG Poster Presentation Competition is as follows:

**Ranks Poster Presentations PG Section**

1st Aditi Khot, Vaishali Mohakar, Twarita Dhage, MSc I

2nd Aarohi Kurwalikar, MSc I

3rd Ashwini Kale, Pooja Saste, Payal Gawari - MSc I

**Microcosm- Microtoon Report (2022-23)**

Microtoon activity was one of the events in Microcosm organized by the Department of Microbiology, Modern College of Arts, Science and Commerce, Shivajinagar Pune.

**Objectives of the Competition:** 1] to motivate creativity in students

2] Explain concepts in simplified and attractive manner

**Date of Competition:** Drawing 22/02/23; Display 25/02/2023

**Time of Competition:** 11:00 am – 12.00 noon

**Judge:** Dr. Yugandhar Shinde of Zoology Department, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune.

**Coordinator:** Ms. Lavina Pinto and Ms. Ankita Kulkarni

From undergraduate section 22 students participated and from Post graduate section 9 students participated.

**UG section**

**Ranks Name of Winners Class**

1st prize - Vaishnavi Sanap, S. Y.

2nd prize - Sandhya J., Anushka Rai, S.Y. ; F.Y.

3rd prize - Pranjali Kolthalkar,
Nishtha Ninave, T. Y.

**PG section**

1st prize - Vijay Chavan, M. Sc. II

2nd prize - Sayli Chaskar, Nishant Kulkarni, M. Sc. II

3rd prize - Shubham Jadhav, M. Sc. II

Winners were rewarded with an appreciation certificate and a Gold Medal for the 1st ranker and a Silver Medal for the 2nd ranker, and Bronze Medal for 3rd ranker.

**Microcosm- Rangoli Report (2022-23)**

Microtoon activity was one of the events in Microcosm organized by the Department of Microbiology, Modern College of Arts, Science and Commerce, Shivajinagar Pune.

**Objectives of the Competition:** 1] to motivate creativity in students

2] to explain concepts in simplified and attractive manner

**Date of Competition:** Rangoli 25/02/23

**Time of Competition:** 10:00 am – 11.00 pm

**Judge:** Dr. Arti Goggi of Botany Department, Modern College of Arts, Science and Commerce, Shivajinagar, Pune.

**Coordinator:** Ms. Bhoomika Karamchandani and Ms. Saili Kirtiwar

**UG section**

**Ranks Name of Winners Class**

1st prize - Omkar Wavhal, Rohan Borate - TY

2nd prize - Sakshi Jadhav, Pranav Kardile - TY

3rd prize - Anushka Bhosale - T.Y

**PG section**

1st prize - Rutuja Nagpure, Srushti Tapkir - MSc I

2nd prize - Janhavi Kadam, Poorva Nimbalkar - MSc I

3rd prize - Bhagyashree Patkar, Mohita Pande - MSc II

Winners were rewarded with an appreciation certificate and a Gold Medal for the 1st ranker and a Silver Medal for the 2nd ranker, and Bronze Medal for 3rd ranker.

**Yuva Sanshodhak Scheme**

The Research Monitoring Committee of PES Modern College of Arts, Science and Commerce (Autonomous) (MCASC), Shivajinagar, Pune-05 conducts the Yuva Sanshodhak Scheme (YSS) every year to promote research among post graduate students of all faculties. Under this program, students write a project proposal under the guidance of their teachers, obtain funding for their project, conduct research throughout the year, and present their findings before experts. The best projects are awarded on Science Day, i. e. 28 February.

This year was the first time this activity was conducted. The program was announced on 17th March, 2022 by means of flyers circulated as soft copy via WhatsApp and hard copy to all departments. The deadline for submission was 10 April, 2022. This deadline was extended to 20 April, 2022 in order to accommodate all proposals. Instructions were given as to how many students were allowed into one group. The projects were meant to be interdisciplinary. A proforma for writing the proposal was provided to all departments to maintain uniformity. This proforma included the following sections: Part I – General information (Names of guides and students), Part II – Project Information (Introduction, Background, /Research gaps to be addressed, Interdisciplinary relevance, Aims and objectives, Methodology or techniques, Work plan timeline, and References), Part III – Budget Particulars, and Declaration/Certification. Hardcopy of the proposals were submitted to departmental Research Co-ordinators, which were then submitted to the Chief Co-ordinator of the Research Monitoring Committee.

Students of PG- I classes actively participated in this activity by approaching their teachers for writing project proposals. The faculty of arts had seven proposals, the faculty of science seventeen, and the faculty of commerce two. The proposals were evaluated on 21 April, 2022 at the Internal Quality Assurance Cell room in the main building of Modern College, Shivajinagar by a scrutiny committee of internal experts from each faculty, namely, Ms. Sukanya Garg, Asst. Prof., Department of English, for Arts, Dr. Rama Phadke, Head, Department of Biotechnology, for Science, Mrs. Shreya Vaidya, Asst. Prof., Department of Commerce (SF), for Commerce, and Dr. Manisha Sane, Head, Department of Statistics, for application of statistics to each project. Dr. Shilpa Mujumdar, Chief Coordinator of the RMC, oversaw the session on project evaluations with assistance from Dr. Ekta Kamble, Asst. Prof., Department of Microbiology. The evaluation was done out of 40 points which were divided equally as follows; Proposal Preparation, Application / Utility, Need / Importance of Topic, and Interdisciplinary Relevance. All experts offered their suggestions in improving project quality. A report of the comments and suggestions was prepared and shared with the concerned project guides. Since this was the first year during which this activity was conducted, all projects were sanctioned a grant in order to promote research among masters' students.

All project in-charges, called project guides here forth, were officially notified of the grant sanctioned towards their projects confirming the project title and name of the students working under their guidance. Each project was sanctioned a sum of Rs. 5000/- for the purchase of materials required for the completion of research projects. Project guides were provided with requisition forms for claiming the sanctioned grant which they could do anytime during the year.

At the end of February 2023, project guides and students were notified of the final project submissions and presentations. They were asked to submit hard and soft copies of the complete project report as well as a one-page write up for which a template was provided. Each group was asked to present their data via a PowerPoint presentation. The presentations were held on 27 February, 2023 from 11 am to 7 pm which were evaluated by both internal and external experts from the respective faculties. The projects were divided into the following categories: languages, humanities, life sciences, and science and technology. Completed projects from the faculty of commerce were not obtained. The experts evaluated each project out of 100 points based on the one-page writeup and presentation using the following criteria: Proficiency of presentation skills (20 points), Potential of the research work (25 points), Applications of the work (25 points), Publication potential (10 points), One page report (10 points), and Ability to satisfy queries (10 points).

Presentations under humanities and languages were scheduled in the morning from 11 am to 1 pm. These presentations were evaluated by Dr. Meenakshi Gokhale, Asso. Prof., Department of Psychology, S. P. College, Pune- (external expert), Dr. Rahul Mhaiskar, Asst. Prof., Department of Marathi, Deccan College Post Graduate and Research Institute, Pune-411006 (external expert) and Dr. Amruta Oke, Vice-Principal, Faculty of Arts, PES MCASC, Pune – 05 (internal expert). Out of the seven groups of the faculty of arts who had submitted proposals, five groups presented their data.

**Winners of Arts Faculty**

**Prize -** First

**Project title -** Self - Produced Fiction: The Forbidden Side of Escapist Literature

**Department -** English

**Name of Student -** Vahbiz Damania

**Department -** Psychology

**Name of Student -** Judith Botelho

**Name of guide -** Ms. Sukanya Garg

**Prize -** Second

**Project title -** Psychological Factors Influencing Voting Patterns in Adults

**Department -** Psychology

**Name of Student -** Abhidnya Girme, Ganesh Pawar, Ketki Zemse

**Name of guide -** Mrs. Smita Vaidya

**Department -** Political Science

**Name of Student -** Prasanna Walunj

**Name of guide -** Mr. Sultan Inamdar

**Prize -** Consolation

**Project title -** Media and Politics: Influence of media in the formation of political mindset of the people

**Department -** Political Science

**Name of Student -** Sanskruti Kadam, Prerana Shivangikar, Shubhangi Bhedekar

**Name of guide -** Mr. Sultan Inamdar

**Department -** Psychology

**Name of Student -** Sanika Shirodkar, Deveshree Bhagwatkar

**Name of guide -** Mrs. Smita Vaidya

Presentations under life sciences were scheduled in the afternoon from 1.30 pm to 4 pm. Experts invited to evaluate these presentations were Dr. Medha Dange, Asst. Prof. Department of Biotechnology, MES Abasaheb Garware College, Pune – 30 (external expert) and Dr. Shubhangi Purnanik, Asst. Prof., Department of Zoology, PES MCASC, Pune – 05 (internal expert). Six out of seven groups in the life sciences stream presented their projects successfully.

**Winners of Life Sciences Faculty**

**Prize -** First

**Project Title -** Antimicrobial applications of silver nanoparticles synthesized biologically using leaf extracts

**Department -** Microbiology

**Name of the Student -** Somya Bhandari, Shweta Salunke, Prashant Salunke

**Name of guide -** Mrs. Bhoomika Karamchandani

**Prize -** Second (TIE)

**Project Title -** Isolation and identification of microbial diversity from the campus soil
**Department -** Microbiology

**Name of the Student -** Baljitsing Rajput, Subodh Gutte, Vaishnavi Ghuge,

**Department -** Statistics

**Name of the Student -** Rutvik Kharade, Vishal Gavali

**Name of the Guide -** Ms. Dimple Parate

**Prize -** Second (TIE)

**Project Title -** Seasonal variation in the faunal diversity of the Modern College campus Department - Zoology

**Name of the Student -** Bishwakalpita Mangaraj, Pratiksha Darekar, Shivani Gayki, Siddhi Aher, Vaibhavi Madavi

**Name of Guide -** Dr. Yugandhar Shinde

**Prize -** Consolation (TIE)

**Project Title -** Production of Siderophores from Soil Bacteria and its Application in Enhancing Growth of Plant

**Department -** Biotechnology

Name of the Student - Richa Deshpande, Apeksha Pathak

**Department -** Microbiology

**Name of the Student -** Janhvi Gawali, Bhagyashree Patkar

**Name of the Guide -** Dr. Rama Phadke

**Prize -** Consolation (TIE)

**Project Title -** Effect of Glyphosate and Organic Fertilizer on Rhizobium

**Deparment -** Biotechnology

**Name of the Student -** Gayatri Phatak, Dr. Radhika Oke

**Name of the Guide -** Janhavi Bapat

**Prize -** Consolation (TIE)

**Project Title -** Extraction, Separation, and Partial Characterization of Anti-inflammatory Phytochemicals from the Seeds of *Achyranthes aspera* L

**Department -** Botany

**Name of the Student -** Sayali Jadhav

**Name of the Guide -** Dr. Rajkumar Barmukh

Presentations under Science and Technology were scheduled from 4.30 pm to 7 pm. Experts invited to evaluate these presentations were Dr. Umesh Hivarkar, Head, Data Science and Engineering Analytics, FEV INDIA Pvt. Ltd., Pune – 410507, and Dr. P. S. Varade, Assistant Professor, Department of Electronic Science, PES MCASC, Pune – 05. Eleven groups in the science and technology stream presented their projects successfully.

**Winners of Science and Technology Faculty**

**Prize -** First

**Project title -** Transformation of sum of power into polynomials with integer coefficient

**Department -** Mathematics

**Name of Student -** Pruthviraj Hajari

**Name of guide -** Dr. A. N. Bhavale

**Prize -** Second (TIE)

**Project title -** Analysis of Available Nitrogen for Plants in Soil using Statistical Modelling (Machine Learning) for Pune District

**Department -** Statistics

**Name of Student -** Aditi Raibagkar, Aditya Najan, Namrata Thorat, Ketaki Gadgil, Prasad Sonsale**Name of guide -** Dr. Manisha Sane

**Prize -** Second (TIE)

**Project title -** IOT based home automation system

**Department -** Electronic Science

**Name of Student -** Rutik Chavan

**Name of guide -** Dr. V. M. Bapat, Mr. G. M. Tarate

**Prize -** Consolation (TIE)

**Project title -** Creative Scheduling App for Students and Teachers

**Department -** Computer Science

**Name of Student -** Trupti Sisode, Priyanka Jadhav

**Name of guide -** Dr. Kalyani Salla

**Prize -** Consolation (TIE)

**Project title -** AI Chatbot for Education Sector

**Department -** Statistics

**Name of Student -** Nipun Kadurkar, Rutuja Jadhav, Saloni Mate

**Name of guide -** Dr. Manisha Sane, Mrs. Sonali Deshmukh

**- Dr. Shilpa Mujumdar**

Head, Dept. of Microbiology

# Department of Physics

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | S.S.Thengadi | HoD and Chairperson of DIQAC | 9960263990 | hodphysics@moderncollegepune.edu.in |
| 2 | N.M.Pardeshi | Member 1 | 9284068752 | pardeshiphysics@moderncollegepune.edu.in |
| 3 | S.R.Gogte | Member2 | 9420196748 | gogtephysics@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff

Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ **Workshops**/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

**Institution Level Workshops**

- Department of Physics conducted one day workshop under Green Campus Initiative of the college on "Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students" in collaboration with Avience Scientific (LED Bulb Manufacturer), Pune & Science Association, Modern college, Shivajinagar was conducted on 18th January 2023. The workshop was inaugurated by Dr. Avinash Rokade, Founder Director, Avience Scientific and Prof. S. S. Thengadi, Head, Department of Physics, MCASC. According to the theme of this workshop importance of sustainable development of energy as well as energy saving have enlightened. In this workshop LED, PCB design LED Driver, Soldering, Component fitting, Illumination testing etc. fundamental things were explained. In this workshop, 57 students were actively participated and manufactured 57 rechargeable LED bulbs. The certificates were distributed at the hands off Principal Dr. R. S. Zunjarrao during valedictory function. Dr. Vaishali S. Waman was the Coordinator for this activity. Prof. Nileshkumar Pardeshi, Dr. Sandip S. Patil, Prof. Sanket Gogte, Dr. Padmashree Joshi, Dr. Ruchita Khare, Prof. Archana Gadre, Prof. Pooja Kulkarni, Prof. Ashwin Bochare, Prof. Trupti Aher, were the committee member of the workshop.

2.14 Significant Activities conducted by the Department / DIQAC in the academic year:

- One day workshop was organized for Undergraduate and Postgraduate students on **"Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students"** conducted by **Department of Physics** in collaboration with **Avience Scientific** on **18th January 2023.**
- **Dr. Ranjit Hawaldar Scientist C, CMET Pune**, has been invited as guest speaker and chief guest for Prize Distribution Ceremony of Poster Presentation Competition and Power Point Presentation Competition

- Students of T. Y. B. Sc., M.Sc. and B. Sc. Blended visited **National Centre for Radio Astrophysics (NCRA) on 24 August 2022.**
- Students of **Deendayal Upadhyaya PMC School, Pune** visited Department of Physics on the occasion of Science day week.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| ● To Implement Autonomy for First batch of Physics class<br>● To organize One day workshop for Undergraduate and Postgraduate students on **"Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students".**<br>● To invite Dr. Ranjit Hawaldar Scientist C, CMET Pune as a guest speaker and chief guest for Prize Distribution Ceremony of Poster Presentation Competition and Power Point Presentation Competition | ● Successfully Implemented Autonomy for First batch of Physics class.<br>● One day workshop was organized for Undergraduate and Postgraduate students on **"Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students"** conducted by **Department of Physics** in collaboration with **Avience Scientific** on **18th January 2023.**<br>● Dr. Ranjit Hawaldar Scientist C, CMET Pune, has been invited as guest speaker and chief guest for Prize Distribution Ceremony of Poster Presentation Competition and Power Point Presentation Competition |

** Attach the Academic Calendar of the year as Annexure.*

**Academic Planning for the year 2022-23**

**June 2022:**

- Departmental meeting of teaching and non-teaching staff.
- Stock verification of the department.
- IQAC Meeting
- Finalization of departmental and personal time table UG and PG.
- Submission of teaching Plans UG and PG.
- Result analysis of all classes – subject wise – for previous year.
- Establishing contact/communication with the prospective organizations for allowing our students to conduct the project work there.
- Follow up of the requirement of the apparatus and books.

**July :**

- Review of Admissions for UG and PG **and online teaching**
- Submission of self-appraisal forms.
- Orientation for the students regarding departmental library facility and other co-curricular and extra-curricular activities organised by the department.
- Allotment of project work to students.
- Planning and announcement of educational visits subject to pandemic situation and sanction by Government Authorities.

**August :**

- Guest lecture by eminent person in online mode.
- Follow up of project work.
- Additional online Demonstration sessions
- Starting remedial teaching.
- Educational study visit for T Y B Sc students
- Follow up of attendance of students.

**September :**

- Follow up of remedial courses.
- Preparation of defaulters list in class attendance.
- Setting of question papers for all classes CIE
- Conduct CIE

**October :**

- Conduct CIE
- Submission of mark-list to office.
- Term – end meeting of teaching and non-teaching staff to review the work/activities carried out in the first term and plan for the second term.
- IQAC Meeting and Term End Meeting

**November:**

- Departmental meeting of teaching and non-teaching staff.
- Orientation of defaulters for class attendance.
- Astro-club activity.
- Follow up of project work.
- To conduct ESE practical examination for M.Sc.

**December :**

- Result analysis (Subject-wise) of S.Y.B.Sc. and T.Y.B.Sc class.
- Educational study visits for F Y B Sc and S. Y. B. Sc. Students subject to pandemic situation and sanction by Government Authorities
- Astro-club activity.
- Guest lecture by eminent person.
- Poster competition for FYBSc.

**January 2023 :**

- Review of the practical work and revision practical sessions.
- Project exhibition.
- Power point competition for SYBSc.
- Certification of journals for all classes.
- Setting of question papers for all classes for internal test of second term.
- Study tour of TYBSc.
- Annual Social Gathering

**February :**

- Internal practical examination for all classes.
- Term –end internal Examination.
- Paper correction work of the term end examination.
- Submission of mark-list to office.
- Preparation for the ESE examination .

**March :**

- To conduct ESE practical examination for S.Y.and T.Y.B.Sc.
- Submission of mark-list

**April :**

- To conduct ESE practical examination for M.Sc.
- To conduct ESE practical examination for FYBSc.
- Distribution of the courses and other responsibilities amongst staff members to carry out co-curricular and extra-curricular activities in the department for the next academic year.
- Put forward the requirement of the department to college office.
- Submission of the list of books required for the next academic year to the college library.

- Term – end meeting of teaching and non-teaching staff to review the work/activities carried out in the second term and plan for the next academic year.
- IQAC Meeting
- Submission of Departmental AQAR.

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | **1** | - | | |
| PG | **1** | - | | |
| UG | **1** | - | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | **3** | | | |
| Interdisciplinary BSc. Blended | **1** | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

**Nil**

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

**Nil**

1.2.1 - Number of new courses introduced across all programmes offered during the year

**Nil**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

**2**

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

**Nil**

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **UG B.Sc.** | **22** |
| **PG M.Sc.** | **18** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** |
|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) |

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| **11** | **11** | **Laptop, LCD Projector** | **3 Labs** | **-** | Power Point Presentations (PPT), PhET (https://phet.colorado.edu/), Amrita Virtual Lab (https://vlab.amrita.edu/?sub=1) |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| **5** | **4** | **1** | **-** | **-** |

2.2 No. of permanent faculty with Ph.D. **2**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 6 | - | - | - | - | - | - | - | 6 | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 1 | |
| Presented papers | | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- **Newly recruited staff members are appealed to attend Senior teachers lectures.**
- **Use of Simulators and Virtual Labs for understanding of concepts.**

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

**Nil**

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department.

**Nil**

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | 03 |
| UGC – Faculty Improvement Programme | |
| HRD programmes | |
| Orientation programmes | |
| Faculty Development programme | 02 (VSW & RTK) |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | |
| Summer / Winter schools, Workshops, etc. | 01 (LED workshop) |
| Others | |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | | | | |
| Technical Staff | 7 | 5 | - | 4 |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution ?/If not,when did he/she leave the institution ?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr. Sandeep S. Patil | Ph.D. (October 2012) | Yes | 2019 | Yes | Pooja Kulkarni | **May 2022** | Synthesis and characterization of carbon based nanocomposites for supercapacitor and field emission applications |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Dr. Sandeep S. Patil | Ph.D. (October 2012) | Yes | 2019 | Yes | Pallavi C. Bhikkannavar | August 2022 | Synthesis and characterization of transition metal carbo-chalcogenide for energy storage applications |
| Dr. Vaishali S. Waman | PhD | Yes | 2018 | Yes | Abhilasha Rokade | May 2022 | Study of Role of SnS And PbS Encapsulation On Stability And Performance On CH 3 NH 3 PbI 3<br><br>Perovskite Solar Cells |
| Dr. M.R.Bodke | Ph.D. | Yes | 2020 | Yes | Mrs. Aruna Abhijit Mancharkar | May 2022 | Studies on Bimetallic hydroxide films useful for supercapacitor applications |
| Dr. M.R.Bodke | Ph.D. | Yes | 2020 | Yes | Sandip Kachru Thorat | March 2023 | Study of Effect of Magnese Doped Ni/NiO Nanostructures for Optoelectronic Applications |

| 3.3.1 Incentive to the teachers who receive recognition/awards | | |
|---|---|---|
| State | National | International |
| **Nil** | **Nil** | **Nil** |

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |
| **Nil** | **Nil** |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 02 | - | - |
| Non-Peer Review Journals | - | - | - |
| e-Journals | - | - | - |
| Conference proceedings | 3 | - | - |

*Please provide the information in following format as annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1. | Dr. Vaishali S. Waman | Effect of incorporation of SnS nanorods on the growth mechanism, crystallinity, optoelectronic performance, and stability of CH3NH3PbI3 perovskite active layer | ES Materials & Manufacturing | 10.30919/esmm937 | |
| 2. | Dr. Vaishali S. Waman | "Synthesis and study of CsPbBr3 by using antisolvent recrystallization method for solar cell applications" | Int. Res. J. of Science and Engineering | ISSN: 2322-0015 | 6.7 |
| 3. | Dr. Vaishali S. Waman | Effect of sulphur concentration on NiS nanoparticles synthesized by Hot Injection Method | 7th International Conference on Nanoscience and Nanotechnology (ICONN 2023) | | - |
| 4. | Dr. Vaishali S. Waman | To study structural and optical properties of SnS Nanorods on the stability of CH3NH3PbI3 Peroskite in optoelectronic devices | 7th International Conference on Nanoscience and Nanotechnology (ICONN 2023) | | - |
| 5. | Dr. Vaishali S. Waman | To study the incorporation of SnS Nanorods on the stability of CH3NH3PBI3 peroskite in optoelectronic device | International conference on Advanced Materials Synthesis, Characterization and Applications | | - |

*Please provide scan copies of the papers published as annexure*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year | | | |
|---|---|---|---|
| | Department | No. of Publication | Average Impact Factor, if any |
| National | - | - | - |
| International | Physics | 01 | 6.7 |
| | | | |

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations : NIL

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1. | Dr. Sandeep S. Patil | Physics of Nanomaterials | Prashant Publications | 978-93-94403-13-0 | May 2022 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. Of conferences organized by the Department : NIL

3.12 Details faculty served as experts, chairpersons or resource persons : NIL

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

| Sr. No. | Name of the Institution | Type of Linkage (International / National / Other) | Area / Details |
|---|---|---|---|
| **1** | **JyotirvidyaPratishthan (JVP)** | **Other** | **Astrophysics** |
| **2** | **Physics Department SPPU** | **Other** | **Material Science** |
| **3** | **Defence Institute of Advanced Technology (DIAT)** | **Other** | **Material Science** |
| **4** | **Garware College, Pune** | **Other** | **Theoretical Physics** |

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year : NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year : NIL

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1. | Dr. Sandeep S. Patil | SPPU | Pooja Kulkarni | 2022 |
| 2. | Dr. Sandeep S. Patil | SPPU | Pallavi Bhikkanvar | 2022 |
| 3. | Dr. V. S. Waman | SPPU | Abhilasha Rokade | 2022 |
| 4. | Dr. Milind bodke | SPPU | Aruna Mancharkar | 2022 |
| 5. | Dr. Milind bodke | SPPU | Sandip Kachru Thorat | 2023 |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 1 | Pooja Kulkarni | Dr. Sandeep S. Patil | 6th May 2022 | Ongoing |
| 2 | Pallavi Bhikkanvar | Dr. Sandeep S. Patil | 5th August 2022 | Ongoing |
| 3. | Abhilasha Rokade | Dr. V. S. Waman | 6th May 2022 | Ongoing |
| 4. | Aruna Mancharkar | Dr. Milind bodke | 6th May 2022 | Ongoing |
| 5. | Sandip Kachru Thorat | Dr. Milind bodke | 21th April 2023 | Ongoing |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

| Sr. No. | Research Scholar Name | Name of the agency | Year of receiving fellowship | Year of Registration |
|---|---|---|---|---|
| 1. | Pallavi Bhikkanvar | Ministry of Eletronics and information Technology (MeitY), GOI. | 17 Nov 2022 | 2022 |

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | - | 3 | - | - |
| Presented papers | - | - | - | - |
| Resource Persons | - | - | - | - |

| **3.5 Collaborations** | | | |
|---|---|---|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | |
| Nature of Activity | Participant | Source of financial support | Duration |
| Research | Abhilasha Rokade | None | 2022-23 |
| Research at CMET Pune | Pallavi Bhikkanvar | Ministry of Eletronics and information Technology (MeitY), GOI. | 2022-23 |
| Research | Aruna Mancharkar | None | 2022-23 |
| | | | |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year | | | |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers including LapTops | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 25 | 1 | 200 mbps | 25 | | | | | |
| Added | - | | | | | | | | |
| Total | 25 | | | | | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

**Mentor and Mentee scheme is followed for enhancing awareness about Student Support Services**

5.2 Efforts made by the Department for tracking the progression

A form is prepared for Alumni for tracking the progression.

5.3 (a) Total Number of students

(b) No. of students outside the state

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| **224** | **22** | **4** | |

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students **Nil**

*Please provide the list of students, Gender, class, category as annexure*

| No | % |
|---|---|
| | 40 |

Men

| No | % |
|---|---|
| | 60 |

Women

5.2.1 - Number of outgoing students who got placement during the year

| **Name of student placed with his/her contact details** | **Programme completed** | **Name of the employer with contact details** | **Pay package at the time of appointment** |
|---|---|---|---|
| Abhishek Bharade 9359063998 | M.Sc. | Innvolance Learning (SME) | 2 LPA |
| Chaitanya Valunjkar 7083704990 | M.Sc | Velapure academy (Lecturer) | 2.5 LPA |
| Chanchal Pise 9284047075 | M.Sc. | Ashwini Tutorials, Pune (Faculty) | 2.40 LPA |
| Datta Nagose | M.Sc. | SBI, Pune | 3.64 LPA |
| Siddhesh Agarkar 8369342956 | M.Sc. | Career Point (Kota) (Thane Branch) (Faculty) | 6 LPA |

| ***On campus*** | | | ***Off Campus*** |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| - | - | - | 4 |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| Registration number/Roll number for the exam | Names of students selected/ qualified | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NET | IIT-JAM | SLET/SET | JRF | GATE | GMAT | CAT | GRE | JAM | IELTS | TOEFL | Civil Services | State government examinations | Other examinations conducted by the State / Central Government Agencies (Specify) |
| G103 C49 | | Aditi Thakar | | | | | | | | | | | | |
| 622707 | | | Siddhesh Agarkar | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

| Registration number/Roll number for the exam | Names of students appeared | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NET | IIT-JAM | SLET/SET | JRF | GATE | GMAT | CAT | GRE | JAM | IELTS | TOEFL | Civil Services | State government examinations | Other examinations conducted by the State / Central Government Agencies (Specify) |
| **G103C49 622707** | **5** | **5** | **5** | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance :

- **Please refer the report of Psychology Department for counselling guidance.**
- **Please refer the report from Prof Mrs Manisha Suryawanshi Computer Science Department for career guidance**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

| Name of the Capacity Development and Skill Enhancement programme | Year of implementation | Number of students enrolled | Name of the agencies/consultants involved with contact details, if any |
|---|---|---|---|
| **1. Awareness of Trends in Technology**<br>One day workshop was organized for Undergraduate and Postgraduate students on **"Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students"** conducted by **Department of Physics** in collaboration with **Avience Scientific** on **18th January 2023.** | **18th January 2023.** | **60** | **Avience Scientific, Pune** |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) NIL

**Please refer the report from Dr. V. B. Kamble Co-ordinator guidance/coaching for competitive examinations and career counselling**

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./National/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | **Project Exhibition** | **Exhibition** | **local** | Students of T. Y. B. Sc. and M.Sc. carry out a project work as a part of their curriculum. An exhibition and competition of these projects was arranged on 25th February 2023. **Prof. S. S. Thengadi**, Head, Department of Physics, inaugurated the exhibition and Dr. Sandeep Patil was the coordinator of this event. Prof. Dr. P.D. Joshi, Prof. Trupti Aher, Prof. Dr. V.S. Waman and Prof. A. A. Gadre from Department of Physics examined the projects. A total of 29 projects were presented by the students |
| 2 | **Poster Competition** | **Exhibition** | **local** | **Poster competition for F.Y.B.Sc**.: Poster competition was conducted on **11th January 2023** for F.Y. B. Sc. (Physics). This event was inaugurated by Head of the Department **Prof. S. S. Thengadi**. The theme of the presentation was **"India@75: Scientific Development in Physics"**. Total 81 students from F. Y. B. Sc. actively participated in this exhibition and presented 24 posters. Prof. Archana Gadre, Prof. Pooja Kulkarni, Prof. Dr. Ruchita Khare & Prof. Ankita Nahe were the judges for this competition. Prof. Nileshkumar Pardeshi was the Coordinator for this activity. Active participation of all teaching and non-teaching staff members made this event was grand success. |

| | | | | |
|---|---|---|---|---|
| 2 | **Quiz Competition** | **-** | **local** | **Quiz Competition** was organized for Undergraduate and Postgraduate students. Dr. S. S. Patil and Prof. Sanket Gogte were the judges. Prof. Mrs A. A. Gadre was the coordinator of the event. |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

**NIL**

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

**NOT APPLICABLE**

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

While designing curriculum of college we have selected members from industry, From other institutes with high academic performance.

6.3.2 Teaching and Learning

Use ICT, and other teaching methods such as seminars, presentations, discussions, competitions such as quiz, poster were organized

6.3.3 Examination and Evaluation

Students are asked to submit the assignments which are thoroughly checked by our staff members and one to one discussion is done with students about modifications in the assignments.

6.3.4 Research and Development

Motivated the staff members to submit the proposal for minor research scheme to different funding agencies.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Suggestions are given to purchase DELNET.

6.3.6 Human Resource Management **NIL**

6.3.7 Faculty and Staff recruitment **NIL**

6.3.8 Industry Interaction / Collaboration **NIL**

6.3.9 Admission of Students **NIL**

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly.

- **Awareness regarding EV.**
- **Awareness regarding Renewable Energy Sources.**
- **Fluorescent Lamps are replaced by LED**
- **One day workshop was organized for Undergraduate and Postgraduate students on "Hands on Training on Manufacturing Rechargeable LED Bulbs.**

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department :

- Newly recruited staff members are appealed to attend Senior teachers lectures.

7.4 Contribution to environmental awareness / protection

- Fluorescent Lamps are replaced by LED
- LPG gas burners are replaced by induction system
- Steam generators are replaced by burners

7.6 SWOC Analysis of the Department

- **Strengths :**

- Well qualified, Experienced Faculties to run UG and PG Courses
- State of Art infrastructure for Academic and Research
- Efficient Space Utilization, Managing and Conducting Laboratories (UG/PG/B.Sc. Blended)
- Emphasis of Student centered Teaching-Learning process
- Active Participation of Head in College Administration and Parent body.(Member BOLM, Coordinator Administration)
- Student centric, ICT enabled, participatory and interactive teaching learning methods are promoted.
- Campus wide internet connectivity

- **Weakness :**

- Inadequate Permanent Teaching
- Insufficient/Inadequate Laboratory Space.
- Supporting Technical Staff unavailable.
- Lack of campus interviews.

- **Opportunities :**

- Department has Potential to Excel in Academic as well Research.
- The department can offer Physics as major subject for B.Sc. Blended Course of Melbourne University, Australia.
- The Department can initiate admission process at Recognized Research Centre for Ph.D. Physics Students.
- Increasing financial aids to the students through institutional resources
- Increasing research publications in high impact factor journals.
- Strengthening collaboration with research institutes and I industries I

- **Challenges ;**

- Identify Institution/Industries for placements of Master Students to persue Academic and Professional Career.
- To establish Recognized research Centre.
- To overcome student drop out problem.
- To prepare for execution and implementation for Autonomous Status.
- Sustaining non-granted courses
- Increasing employability of the students

8. **Plans of Department for next year**

- **Development of laboratory infrastructure for Research**
- **To inculcate Research Culture among under graduate students by applying to different funding agency (Local,UGC,DST,BCUD) for carrying out small projects.**
- **To start an add-on course on PV Installation and Maintenance.**
- **To establish V-LAB (LABON LAPTOP)**
-

**Criterion III: Research, Consultancy and Extens**

**M.Sc. Project 2022-23**

| Sr. No. | Name of the student | Institute where projects were performed |
|---|---|---|
| 1 | Siddhesh Agarkar | Modern College, Shivajinagar |
| 2 | Vishal Gaidhani | Modern College, Shivajinagar |
| 3 | Rutuja Sawant | Modern College, Shivajinagar |
| 4 | Chaitanya Walunjkar | Garware College, Pune |
| 5 | Gurpreet Kaur | JyotirvidyaPratishthan (JVP) |
| 6 | Chanchal Pise | Physics Department SPPU |
| 7 | Yogiraj Dhaigode | Modern College, Shivajinagar |
| 8 | Nilesh Yadav | Modern College, Shivajinagar |
| 9 | Samruddhi Mulay | Physics Department SPPU |
| 10 | Abhishek Bharade | Modern College, Shivajinagar |
| 11 | Isha Kabara | Defence Institute of Advanced Technology (DIAT) |
| 12 | Pratik Kadam | Modern College, Shivajinagar |
| 13 | Shraddha Yadav | JyotirvidyaPratishthan (JVP) |
| 14 | Akash Limkar | Modern College, Shivajinagar |
| 15 | Datta Nagose | JyotirvidyaPratishthan (JVP) |
| 16 | Kalyani Tupe | Physics Department SPPU |
| 17 | Chetan Koratkar | Modern College, Shivajinagar |
| 18 | Santosh Varade | H.V. Desai College, Pune |

*Name 1:* *Name :*

*Name 2 :*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

All the teaching and non teaching staff members extended their whole hearted support and cooperation in the smooth functioning of the department mostly in offline mode.

**Student Strength:**

F. Y. B. Sc. – 120
S. Y. B. Sc. – 92
T. Y. B. Sc. – 19
M. Sc. I – 04
M. Sc. II – 20
PhD - 04

**Activities for Students:**

1. Students of T. Y. B. Sc., M.Sc. and B. Sc. Blended visited the National Centre for Radio Astrophysics (NCRA) on 24 August 2022.
2. Students of Deendayal Upadhyaya PMC School, Pune visited the Department of Physics on the occasion of Science day week.
   Guest Lectures: i) Dr. Ranjit Hawaldar Scientist C, CMET Pune was invited as the guest speaker and chief guest for the Prize Distribution Ceremony of Poster Presentation Competition and Power Point Presentation Competition

1. Poster competition for F.Y.B.Sc.: Poster competition was conducted on 11th January 2023 for F.Y. B. Sc. (Physics). This event was inaugurated by the Head of the Department Prof. S. S. Thengadi. The theme of the presentation was "India@75: Scientific Development in Physics". Total 81 students from F. Y. B. Sc. actively participated in this exhibition and presented 24 posters. Prof. Archana Gadre, Prof. Pooja Kulkarni, Prof. Dr. Ruchita Khare & Prof. Ankita Nahe were the judges for this competition. Prof. Nileshkumar Pardeshi was the Coordinator for this activity. Active participation of all teaching and non-teaching staff members made this event a grand success.
2. Project exhibition and competition for T.Y.B.Sc. and M.Sc.: Students of T. Y. B. Sc. and M.Sc. carry out project work as a part of their curriculum. An exhibition and competition of these projects was arranged on 25th February 2023. Prof. S. S. Thengadi, Head, Department

of Physics, inaugurated the exhibition and Dr. Sandeep Patil was the coordinator of this event. Prof. Dr. P.D. Joshi, Prof. Trupti Aher, Prof. Dr. V.S. Waman and Prof. A. A. Gadre from the Department of Physics examined the projects. A total of 29 projects were presented by the students.

3. Power point competition for S.Y.B.Sc.: Students of S. Y. B. Sc. prepared the powerpoint presentations on various topics of Physics and presented them in the class. This competition gives students an opportunity to improve their presentation skills. Prof. Archana Gadre evaluated the presentations and Prof. S. R. Gogte was the coordinator of the event.
4. Quiz Competition was organized for Undergraduate and Postgraduate students. Dr. S. S. Patil and Prof. Sanket Gogte were the judges. Prof. Mrs A. A. Gadre was the coordinator of the event.
5. One day workshop was organized for Undergraduate and Postgraduate students on "Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students" conducted by the Department of Physics in collaboration with Avience Scientific on 18th January 2023.
6. Most of the M.Sc. students carried out their academic project in collaboration with different institutes such as Department of Physics, Savitribai Phule Pune University, Defense Institute of Advance technology (DIAT), Girinagar Pune, National Centre for Radio Astrophysics (NCRA), IITM Pune, CMET Pashan Pune, IISER Pune, National Chemical Laboratory (NCL), Pune etc.

**3. Achievements of Students:**

- Mr. Rushikesh Mhase, T.Y.B.Sc Physics has presented a paper on the topic 'Synthesis of Zinc oxide Nanoparticles' and received Second prize at the 18th National Chemical Engineering students conference 'Prakalpa' organized by IIChE student chapter, School of Chemical Engineering MIT AOE, Alandi (D), Pune during 10 to 11 March 2023.
- Mr. Datta Nagose, M. Sc. II Physics has achieved Third position in the Poster making Competition held on the occasion of annual Science Day event, 'Scintillation' held on 20th Feb. 2023 organized by the Department of Physics, SPPU.
- Ms. Isha Kabara, M.Sc. II Physics has received the best student award (P.G. Category) from our college.

**Mr. Gaurav Narkhede**

- Participated in 'Identifying features from 223 images from Pune Knowledge Cluster's Citizen Science Program: one Million Galaxies.
- Participated in Sokendai Asian Winter School 2023 organized by Graduate University for Advanced Studies.
- Actively participated in C.K. Mujumdar Memorial workshop in Physics, 2023 organized by IAPT and S.N. Bose National Centre.
- Participated in 4th Online INO workshop on Formation, Evolution and Asteroseismology of stars with a view to the Exoplanets, 19-20 May 2022.
- Successfully completed understanding Research methods by University of London.
- Successfully completed the workshop on creating 3D illustrations using Blender organized by Scidart Academy, Centre for Basic Sources, Kolkata from 12 to 21 July, 2022.
- Participated in the course, 'Ancient Indian astronomy', conducted jointly by Bhandarkar Research Institute, Heritage India Communication Pvt. Ltd. And Nyansa from 8 to 13 February, 2021.

**4. Ph. D. Students Achievements:**

**Mrs. Abhilasha Amadas Rokade**

- Presented a poster on the topic "To study the effect of incorporation of SnS nano rods on the performance of $CH_3NH_3PbI_3$ in an optoelectronic devices" in two days International conference on "Recent Trends in Pure and Applied Sciences (ICRTPAS-2023)" organized by Smt. Kusumtai Rajarambhau Patil Kanya Mahavidyalaya, Islampur, Sangli on 24th - 25th March 2023.
- Participated in a conference on "Sustainable Materials and Technologies for Bio and Energy Applications SMTBEA-2022" organized by SSN Institutions, Kalavakkam, Chennai and Indian Science Association on 14th July 2022.

- Presented a poster at the "International Conference on Advanced Materials Synthesis, Characterization and Applications (AMSCA Maverick-2022)" organized by the Department of Physics, SPPU during 18th- 20th October 2022.
- Presented a poster in "Raman Memorial Conference" on 17th - 18 March 2023 at Department of Physics, SPPU.
- Participated in two-day International conference on "Advanced Materials for Physical, Chemical and Biological Applications" organized by Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai on 3rd - 4th March 2023.

3. Results of the Department: For the academic year 2021-22

| **Class** | **Percentage (%)** |
|---|---|
| F. Y. B. Sc | 68.44 |
| S. Y. B. Sc. | 89.8 |
| T. Y. B. Sc. | 95.45 |
| M.Sc. I | 81.8 |
| M.Sc. II | 95 |

**5. Contribution by the teaching staff:**

- All staff members actively participated in implementation of NEP-2020 Workshops and Conferences organized by S.P.P.U at different colleges under Quality Improvement Program
- All the teaching staff members extended their whole hearted support and cooperation in smooth functioning of the department mostly in offline mode.

**6. Achievements of Teaching Staff members.**

- Shri. S. S. Thengadi has attended One week FDP on 'New Education Policy in Higher Education-Context and Perspectives' organized by RUSA in Association with Joshi college of Arts and Bedekar College of Commerce, Thane from 1/7/2022 to 7/7/2022.
- Ms. Pooja Kulkarni has attended a one day Workshop on 'IP and Knowledge Management' organized by IISER Pune in collaboration with CSIR-NCL and Irise on 28 September 2022.
- Dr Padmashree Joshi has participated in the Hands on Workshop on Introduction to Virtual Labs organized by V-Labs in collaboration with IIT Mumbai and PVG Engineering College on 24 September 2022.

**Dr. Ruchita Khare**

- Attended two days tutorial workshop titled "Fundamentals of Solar Energy harvesting using Thin Film Solar Cells" conducted by Dr. K Kalyanasundaram, Lausanne, Switzerland held on Sept 26-27, 2022 at Department of Physics, SPPU, Pune.
- Paper published in ACS Applied Nano Materials titled "Titanium Trisulfide Nanosheets and Nanoribbons for Field Emission-Based Nanodevices' ' in December 2023.
- Attended one week faculty development program on "Innovations in Materials and Processing for Energy, Environment and Electronics(IMPEE)" organized by Department of Engineering Science in association with Centre for Materials for Electronics Technology (C-MET), Pune and Maharashtra Academy of Sciences from 7th to 11th February, 2023.

**Dr. Vaishali S. Waman**

- Participated in an International Conference on Advanced Materials Synthesis, Characterization and Applications (AMSCA Maverick-2022) organized by the Department of Physics, SPPU during 18th-20th October 2022.
- Attended one week faculty development program on "Innovations in Materials and Processing for Energy, Environment and Electronics (IMPEE)" organized by Department of Engineering Science in association with Centre for Materials for Electronics Technology (C-MET), Pune and Maharashtra Academy of Sciences from 7th to 11th February, 2023.
- Judged the projects in Inspire Award Manak 2021-22 DLE for 6th to 10th standard on 11 January 2023.
- Organized workshop on "Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students" conducted by the Department of Physics in collaboration with Avience Scientific on 18th January 2023.

- Published a paper in the proceedings of International conference on Advanced Materials Synthesis, Characterization and Applications entitled "To study the incorporation of SnS Nanorods on the stability of $CH_3NH_3PBI_3$ perovskite in optoelectronic device".
- Published a paper in the proceedings of 7th International Conference on Nanoscience and Nanotechnology (ICONN 2023) entitled "Effect of sulphur concentration on NiS nanoparticles synthesized by Hot Injection Method".
- Published a paper in the proceedings of 7th International Conference on Nanoscience and Nanotechnology (ICONN 2023) entitled "To study structural and optical properties of SnS Nanorods on the stability of $CH_3NH_3PBI_3$ Perovskite in optoelectronic devices".
- Published a paper in Int. Res. J. of Science and Engineering, entitled "Synthesis and study of $CsPbBr_3$ by using anti-solvent re-crystallization method for solar cell applications" ISSN: 2322-0015, Impact factor: 6.7.

**Ms. Trupti Aher -**

- Attended one day Workshop on 'IP and Knowledge Management' organized by IISER Pune in collaboration with CSIR-NCL and Irise on 28 September 2022.
- Attended and participated in an International Conference on Battery Science and Technology 2022 organized by ICBST 2022.

**Ashwin Bochare -**

- Attended one day Workshop on 'IP and Knowledge Management' organized by IISER Pune in collaboration with CSIR-NCL and Irise on 28 September 2022.
- Attended and participated in an International Conference on Battery Science and Technology 2022 organized by ICBST 2022.

7. Contribution by the non-teaching staff:
   All the Non Teaching staff members extended their cooperation for conducting online practicals for Junior, Senior, Post Graduate and B.Sc. Blended classes successfully.
8. Special Achievement of Non-Teaching Staff.

- Mrs. Sujata R. Ughade (Laboratory Assistant): has been awarded the Best non-teaching employee award by BMA Sports and culture Welfare Association on 5th September 2022 also completed B.A. (Psychology).
- Shri. Avinash Shinde (Laboratory Attendant) successfully completed M.A. Marathi.

9. New Appointments on Adhoc basis in the Department of Physics for the A.Y. 2022-23

| *Sr. No.* | *Name* | *Qualifications* |
|---|---|---|
| 1 | Dr. Padmashri Joshi | M.Sc., Ph.D |
| 2 | Dr. Ruchita Khare | M.Sc., Ph.D |

10. **Superannuation/Retirement:**

1. Shri. B.S. Shinde Lab Attendant retired on 30-06-2022
2. Shri. V.T.Shelke Associate Professor retired on 31-07-2022

**- Prof. S.S.Thengadi**
Head, Dept. of Physics

# Department of Statistics

**PART A**

**DIQAC Composition and Activities**

For the departments having **more than 3** staff members :

Department Name: **Statistics**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. M.M. Sane. | HoD and Chairperson of DIQAC | 9356967288 | sanestats@moderncollegepune.edu.in |
| 2 | Dr. A.T. Kamble | Member 1 | 7841068939 | kamblestats@moderncollegepune.edu.in |
| 3 | Prof. P S. Waldhe | Member2 | 8975037187 | waldhestats@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: Faculty:08

Non-Teaching Staff: 03 Students 4 Alumni 01 Others

2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

As a Part of**Statistics Day celebration,** a lecture byDr. R.N. Ratthalli was arranged on "Statistical Inference" on 6th June 2022. He is an eminent statistician, former HOD of Department of Statistics, Shivaji University, Kolhapur.

**Dr. P. V. Sukhatme Birth Anniversary:**ALecture by Dr.RuhiKulkarnion "Indian Statistical System and career opportunities" was arranged on 1St August 2022. She is working as an ISS Senior Research Officer, Water and Power Plant Station, Pune

**Dr. M.B. Kulkarni memorial Lecture**: A lecture on "Are the decisions based on averages always wrong?" was delivered by Dr.S. R. Kulkarni on 8th September, 2022.He is working as a Consultant at Swiggy, Bangalore.

**Seminar on Data Science and Opportunities:**A one day seminar on "Data science and Opportunities in it" was given by Mr.MayurandMr. Mohan Dhanave from IANT, Puneon3rdJanuary 2023

**Statistics Fest (Sankhya 2022-23):** Department is organizing "Statistics Fest" every year to inculcate logical thinking and to enhance soft skill. In this year Departmentorganized "Statistics Fest" on Monday, 6th February 2023 for F.Y., S.Y., T.Y. B.Sc. Students. M.Sc. II students organised the fest under the guidance of staff members.

**Lean Six Sigma Workshop**: Mr.SantoshAvasarkar, Pursullence, Pvt. Ltd. Pune was the resource person for the workshop. M.Sc.I, II year students (48 in number) , and Prof.SonaliKaradkar, Prof.ArtiAtnurkar, Prof.NamrtaNagargoje actively participated in the workshop.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| Campus recruitment training | A one day seminar on Data Science and Oportunities and One week workshop on Lean Six sigma was organised. |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 02 | | | |
| UG | 03 | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | 05 | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year :02

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year :02

1.2.1 - Number of new courses introduced across all programmes offered during the year :nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| **Name of the value-added courses (with 30 or more contact hours) offered** | **Course Code, if any** | **No. of times offered during the year** | **Duration of course (in hours)** | **Number of students enrolled during the year** | **1.3.3 Number of students who completed the course during the year** |
|---|---|---|---|---|---|
| **SAS** | | **01** | **30** | **52** | **52** |
| **PYTHON** | | **01** | **30** | **52** | **52** |

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **Project** | |
| Internships | **03** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachersusingICTforeffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 10 | 10 | Google Classroom, MS_teams, interactive whiteboard, Projectors, Desktop and Laptops, Printers,Scanners | 3 | 0 | e-books, e-journals, websites |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 03 | 02 | 01 | 00 | |

2.2 No. of permanent faculty with Ph.D.:03

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 09 | | 01 | | | | | | 10 | |

2.4 No. of Guest and Visiting faculty and Temporary faculty | 04 | | |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 01 | |
| Presented papers | | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

All the faculty members of the Department of Statistics made sincere efforts to learn softwares for online teaching and conducting examinations.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1 | Dr.M.M.Sane | Member of board of studies | |

2.10 Average percentage of attendance of students | 70 |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

Feedback from students (Online)feedback forms helps toevaluate the Teaching and Learning processes.

2.13 Initiatives undertaken towards faculty development by the department:nil

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 04 | 00 | 04 | 00 |
| Technical Staff | | | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year:nil

3.2.3 - Number of teachers recognised as research guides :nil

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

*Please provide scan copies of the papers publishedas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. 2 Chapters in Edited Books

ii) Without ISBN No. 1

*Please provide the list of books authored by staff members in the format givenbelowas annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 1 | Dr. P. G. Dixit | Statistical Analysis and Computational Methods | NiraliPrakashan | | 2022-23 |
| | | Reliability Theory and Survival Analysis | NiraliPrakashan | 978-93-5451-536-1 | 2022-23 |
| 2 | Prof. P.S. Waldhe | Mathematical Analysis | NiraliPrakashan | 978-93-5451-535-4 | 2022-23 |

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department:nil

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons: Nil

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

*Please provide the scan copies of the certificatesas annexure*

3.18Details of faculty from the Institution who are Ph. D. Guides and students registered under them
*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 32(laptops)+11(desktops) | 01 | Available with LAN connection | 1 | 1 | | | | |
| Added | 0 | 0 | 0 | 0 | 0 | | | | |
| Total | 52 | 01 | | 01 | 01 | | | | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services :nil

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 181 | 110 | - | - |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students :00

*Please provide the list of students, Gender, class, categoryas annexure*

| No | % |
|---|---|
| 12+46 | 42 |

Men

| No | % |
|---|---|
| 15+66 | 58 |

Women

5.2.1 - Number of outgoing students who got placement during the year

| **Name of student placed with his/her contact details** | **Programme completed** | **Name of the employer with contact details** | **Pay package at the time of appointment** |
|---|---|---|---|
| **Tobe filled from magazine** | | | |

| ***On campus*** | | | ***Off Campus*** |
|---|---|---|---|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 01 | 35 | 02 | 62% |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| **Registration number/ Roll number for the exam** | **Names of students selected/ qualified** | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **NET** | **IIT-JAM** | **SLET/ SET** | **JRF** | **GATE** | **GMAT** | **CAT** | **GRE** | **JAM** | **IELTS** | **TOEFL** | **Civil Services** | **State government examinations** | **Other examinations conducted by the State / Central Government Agencies (Specify)** |
| | | | | | | | | | | | | | 02 | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

9. Soft Skills
10. Language and Communication Skills
11. Awareness of Trends in Technology

| **Name of the Capacity Development and Skill Enhancement programme** | **Year of implementation** | **Number of students enrolled** | **Name of the agencies/consultants involved with contact details, if any** |
|---|---|---|---|
| Python | 2020 | 52 | Namarata Nagargoje |
| SAS | 2019 | 52 | NamarataNagargoje |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

| **Name of the Activity conducted by the HEI to offer guidance/coaching for competitive examinations during the year** | | **Name of the Activity conducted by the HEI to offer guidance / coaching for career counselling during the year** | | **Number of students placed through campus placement** | **Link to the relevant documen t(s)** |
|---|---|---|---|---|---|
| **Name of the Activity** | **Number of students who attended / participated** | **Details of career counselling** | **Number of students who attended / participated** | | |
| | | | **40** | **02** | |

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | Statistics Fest | Fest | Internal | Quiz, Poster competition |

*Please provide the scan copies related lettersas annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development :Syllabus design under NEP for FY UG and FY PG

6.3.2 Teaching and Learning :Six Lean sigma workshop was organised for faculty members.

6.3.3 Examination and Evaluation :Question bank prepared

6.3.4 Research and Development: nil

6.3.5 Library, ICT and physical infrastructure / instrumentation: nil

6.3.6 Human Resource Management: nil

6.3.7 Faculty and Staff recruitment: 04

6.3.8 Industry Interaction / Collaboration

1.Mr.SantoshAvasarkar, Pursullence, Pvt. Ltd. Pune was the resource person for the **Lean Six Sigma** workshop.

2. CYTEL Statistical Software, Pvt. Ltd. Sponsored scholarships to students

6.3.9 Admission of Students

To Post graduate students according to SavitribaiPhule Pune University rules.

6.11 Activities and support from the Alumni Association

1.Ms. PreetiPandhu (past student) from Data Science Lab contributed in designing syllabus.

2. Mr.PrashantKulkarni from CYTEL, Pune contributed in designing syllabus.

6.12 Activities and support from the Parent – Teacher Association: nil

6.13 Development programmes for support staff: nil

6.14 Initiatives taken by the institution to make the campus eco-friendly: nil

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

Statistics Projects done by students

CYTEL Statistical software company gives Scholarships *to students*

7.4 Contribution to environmental awareness / protection: nil

7.6 SWOC Analysis of the Department

**Strengths:**

- Qualified, experience, dedicated staff.
- ICT infrastructure is good.
- Syllabi are updated with latest topic.
- Staff members have adapted well to the Covid-19 situation.

**Weaknesses**:

- Research activity is required to strengthen
- Faculty development program is to be conducted
- Space constraints.

**Opportunities:**

- Increasing opportunities in the field of Data Science.
- University Department is nearby.
- Scope for interaction with other reputed institutions ( Agriculture College , Gokhale Institute, Meteorological Department).
- Alumni can be helpful for placement.

**Challenges:**

- Ever-changing skill set
- To motivate faculty for research.
- Space constraints

8.**<u>Plans of Department for next year</u>**

- *M.Sc. Projects to be published through research activity*
- *To enhance the placement activity*
- *Preparation of study material*

*Name 1: Dr. Sane M.M.* *Name :*

*Name 2 :Dr.Kamble A.T.*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

**Annexure**

Academic Calendar

| Month | Activity |
|---|---|
| June, July | i) Review of internships<br>ii) Interviews and appointments as per workload<br>iii) Allotment of personal timetables<br>iv) Beginning of teaching<br>v) Maintenance of laboratory.<br>vi) Statistics day celebration<br>vii) Dr. P.V. Sukhatme Birth Anniversary celebration. |
| August | i) Purchase of stationary items and books<br>ii) Result analysis of F.Y.B.Sc/S.Y.B.Sc.<br>iii) Admission of M.Sc. II |
| September | i) Admission of M.Sc. Part I<br>ii) Arranging guest lectures for F.Y. ,S.Y.,T.Y. And |

| | |
|---|---|
| | M.Sc. students<br>iii)project guide allotment |
| October | i) Paper setting for examination.<br>ii) Internal Tests<br>iii) World Statistics Day celebration<br>iv) M.Sc. II year Sem III Admission |
| November | Semester examinations |
| December | Term end vacation |
| January | i) Beginning of second term teaching |
| February | i) guest lectures<br>ii) internal exam |
| March | i)Guidance to students for appearing various quiz competitions<br>ii) Semester result analysis |
| April | i) Review of portion completed/ Review of practicals<br>ii) Second internal Tests<br>iii) T.Y. B.Sc. project competition Statistics Quiz<br>v) Paper setting<br>vi)Placements and preparation for internships<br>vii) Farewell of T.Y.B.Sc. and T.Y.B.Com |
| May | i) Completion of portion in IInd term/sem) ii) Computation of next year's workload<br>ii) Submission of accounts and clearance of advances<br>iii) Supervision of college and university<br>Theory & Practical examinations<br>iv) Year end departmental meeting<br>v) Submission of annual report<br>vi) Stock taking<br>vii) IQAC meeting<br>viii) Submission of IQAC report<br>ix) Preparation of Confidential Report of staff<br>x) Farewell function for outgoing M.Sc. students<br>xi) Disposal of scrap.<br>xii)Vacation<br>xiii) Assessment and preparation of result of M.Sc. I and II<br>xiv) Revision of practical question sheets<br>xv) Feedback analysis |

List of visiting faculty

1. Prof. M. S. Prasad
2. Dr. P. G. Dixit
3. Mrs.Gauri Kulkarni
4. Dhanshree Raskar

International students M.Sc. .

| | | | |
|---|---|---|---|
| FANIRY ANDRIMIJORO RAZAKASON | M.SC. II | Male | Madagascar |
| JANAKI KAMAL UPADHYAY | M.SC. I | Female | Nepal |
| ISHAAN SHARAD LODHI | T.Y.B.Sc | Male | United States |

The Department of Statistics has organized the following academic activities during the year 2022-23.

- As a Part of **Statistics Day celebration,** a lecture by Dr. R.N. Ratthalli was arranged on "Statistical Inference" on 6th June 2022. He is an eminent statistician, former HOD of Department of Statistics, Shivaji University, Kolhapur.
- **Dr. P. V. Sukhatme Birth Anniversary:** A Lecture by Dr. Ruhi Kulkarni on "Indian Statistical System and career opportunities" was arranged on 1St August 2022. She is working as an ISS Senior Research Officer, Water and Power Plant Station, Pune

- **Dr. M.B. Kulkarni memorial Lecture**: A lecture on "Are the decisions based on averages always wrong?" was delivered by Dr. S. R. Kulkarni on 8th September, 2022. He is working as a Consultant at Swiggy, Bangalore.
- **Seminar on Data Science and Opportunities:** A one day seminar on "Data science and Opportunities in it" was given by Mr. Mayur and Mr. Mohan Dhanave from IANT, Pune on 3rd January 2023
- **Statistics Fest (Sankhya 2022-23):** Department is organizing "Statistics Fest" every year to inculcate logical thinking and to enhance soft skills. In this year the Department organized "Statistics Fest" on Monday, 6th February 2023 for F.Y., S.Y., T.Y. B.Sc. Students. M.Sc. II students organised the fest under the guidance of staff members.

Following activities were conducted:

**A) Quiz:** Five teams, each containing one FYBSc, two SYBSc and one TYBSc students were formed for this activity.

**d&Round 1** - Visualization Round

**d&Round 2** - Buzzer Round

Two teams were eliminated after round 2.

**d& Round 3** - Rapid Fire and Speaking on a topic

**Topic knowledge:** On the spot talk on a randomly selected topic.

**Winners of Quiz competition:**

**First Prize**:

1. Samar Shaikh (FYBSc)
2. Viraj Gilbile (SYBSc)
2. Vishal Kulkarni (SYBSc)
3. Ishan Lodhi (TYBSc)

**Second Prize**:

1. Pooja Jadhav (FYBSc)
2. Sanjana Shigvan (SYBSc)
2. Vyankatesh Rane (SYBSc)
3. Pranjal Rasal (TYBSc)

**Consolation Prize** :

1. Prasanna Lalwani (FYBSc)
2. Siddharth Sinnarkar (SYBSc)
2. Sakshi Gabhale (SYBSc)
3. Samveg Ranka (TYBSc)

**B) Poster Presentation:** This activity was especially arranged for T.Y. B.Sc. and M.Sc. Students. Total of 15 groups participated in this activity.

- Aishwarya Sonar, TYBSc Student and Rachana Patil, M.Sc.II Student got prizes in poster presentations.
- Mr. Santosh Avasarkar from Pursullence, Pvt. Ltd. Pune was chief guest for this program and worked as a judge for poster competition. He observed each poster very critically and gave suggestions for further improvement. He also addressed students about how to do project, how to think while doing the project and how it will be beneficial at the time of interview for a job.
- **Some Glimpses of the Statistics Fest (Sankhya 2022-23):**

  **Lean Six Sigma Workshop**: Mr. Santosh Avasarkar, Pursullence, Pvt. Ltd. Pune was the resource person for the workshop. M.Sc. I , II year students (48 in number) , and Prof. Sonali Karadkar, Prof. Arti Atnurkar, Prof. Namrta Nagargoje actively participated in the workshop.
- **Participation in National Conference on National Education Policy:**

  All staff members participated in a two day National Conference on Implementation of National Education Policy 2020 with special reference to Adoption of Guidelines on NHEQF and curriculum Framework and Credit System for Four Year Undergraduate Programme. The conference was organised by the Department of Computer Science in association with Library and Information Centre of Modern College of Arts, Science and Commerce, Pune-05 during 14-15 February 2023.

- **Entrance Examination:** Entrance examination of M.Sc. Statistics held on 10-8-2022. The number of students who appeared was 250.

**1. Participation and Achievements of Students:**

- **Passed MPSC examination:**
  Ms. Tamanna Shaikh, M.Sc. Passout student, got selected as Naib Tahasildar".
  She secured 8th rank among girls ( General rank: 106) in the MPSC examination .
- **Avishkar Competition of Modern College Pune-05:**
  M.Sc. II group of students: Aditi Raibagkar, Namrata Thorat, Prasad Sonsale, Aditya Najan, Ketki Gadgil , got **First Rank** in Avishkar Competition 2022 at college level.
- **Yuva Sanshodhak Scheme of Modern College Pune-05**:

Following groups have won prizes:

i. Analysis of available Nitrogen for plants in soil using statistical modelling. (**Second prize**)
   Group members: Aditya Najan, Ketaki Gadgil, Aditi Raibagkar, Prasad Sonsale, Namrata Thorat

ii. Isolation and identification of Microbial diversity from the campus soil.

(**Second prize**)

Group members: Vishal Gavali, Rutvik Kharade

iii. AI chatbot for the education sector. (**Consolation prize**)
   Group members: Nipun Kadurkar, Saloni Mate, Rutuja Jadhav.

- **Shortlisted for the Best Student Trophy Contest 2022-23:**
  Tanaya Kate, TYBSc Student got shortlisted for the Best Student Trophy Contest 2022 of Modern College of Arts, Science and Commerce, Pune-05, She also has participated in women Cycling Rally from Baramulla to Kaman Post, Uri on 11th September 2022. This certificate is given to her for her dedicated and devoted contribution toward promoting cycling as a sport.
- **Seminar Competition:**
  Samveg Ranka, TYBSc Students got second rank in seminar activity of Kartikeya Rindani Memorial Competitions 2023 organised by Department of Computer Science and Department of Animation of Modern College of Arts, Science and Commerce Pune-05. He also Participated in Youth-20 Consultation arranged at Symbiosis. International (Deemed University) Pune. He secured second rank in elocution competition at district level organised on the occasion of Atal Yuva Parv Elocution Competition arranged by Bhartiya Janata Yuva Morcha.
- **Annual Social Gathering:**
  M.Sc. students got third prize in Cultural Activity competition in Annual Social Gathering of Modern College of Arts, Science and Commerce Pune-05.
- **Kitabwari:**
  Following is the list of M.Sc. Students who book collection drive in association with ISR cell of the college.
- Santosh Zaware, Prasad Sonsale, Sumit Gawande, Akshay Deshmukh, Aditya Najan, Harshal Holam, Srusti Batra, Namrata Thorat, Ketaki Gadgil, Snehal Nazirkar, Anjali Kadre. They collected around 500 books which will be used to set up a library in a rural area.
- **Project work:**
  Ms. Pranjal Rasal, TYBSc Student did project on " Application of statistical methods in hydrology, co-guided by Dr. Ruhi Kulkarni Dr. Ruhi Kulkarni, ISS Senior Research Officer, Water and Power Plant, Station, Pune
- **Published Article in International Conference:**
  Our TYBSc, Pass out student, Ms. Madhura Gandhi presented an article in the International Conference organised by IISA, ISPS, ORSI and SSCA on 31st July 2022 at Visakhapatnam.
- **Quiz Contest conducted by MOSPI:**
  Dnyaneshwar Darekar, M.Sc. I student participated in a quiz contest on "Official Statistics" on 27th June 2022.
- **Selection in Air Force:**
  Sushant Hiremath, TYBSc, Pass out student got selected in Air Force of India.

- **Actuarial Statistics Paper Cleared:**
  Sidharth Sinnarker, SYBSc Student cleared CS1-Actuarial Statistics paper conducted by Institute and Faculty of Actuaries.
- **Placement:**
  Our two M.Sc.II students (2022-23), Ms. Sristi Batra and Ms. Akansha Dixit got selected in the Navikenz, a digital tech service organization.
- **2022 UN Big Data Hackathon:**
  M.Sc.students Sristi Batra and Faniry Andrimijoro successfully completed Hackathon during 8-11 November 2022. The Hackathon was conducted by the United Nations Committee of Experts on Big Data and Data Science for official Statistics.

**2. Workshops attended:**

**Dr. A. T. Kamble**

Attended an online workshop on Statistical Modeling with R arranged by IIIT Allahabad during 9-15 January 2023.

**3. Achievements and Publications.**

**Dr. P. G. Dixit**

i. A book for Final Year (B.E.) Degree Course in Civil Engineering on "Statistical Analysis and Computational Methods" published by Nirali Prakashan.
ii. A book for TYBSc Statistics students on "Reliability Theory and Survival Analysis" published by Nirali Prakashan with ISBN 978-93-5451-536-1.
iii. An article on Dr. P.G. Dixit was published in " Shikshan Kshetratil Deep Stambha" Published by Anmol Prakashan.

**Dr. M. M. Sane:**

i. Appointed as the Head, Department of Statistics on 1st August 2022.
ii. Guided the Winner groups of Avishkar Competition and Yuva Sanshodhak Scheme of our department.
iii. Worked as co-ordinator for Lean Six Sigma Workshop

**Prof. P.S. Waldhe**

A book for TYBSc and M.Sc. Statistics and Mathematics students on "Mathematical Analysis" published by Nirali Prakashan with ISBN 978-93-5451-535-4.

**4. Miscellaneous ( e-governance and extension):**

i Dr. Asmita. T. Kamble is working as a Nodal Officer of Modern College for All India Survey on Higher Education by MHRD Government of India and National Ranking Framework (NIRF).
ii Prof. Pravin S. Waldhe worked as subject expert in statistics for CHB lectureship interview panel at Abasaheb Garware college, Pune-411004.

**5. Scholarships/ Funds: 2021-2022**

**Scholarship sponsored by - No. of Beneficiaries - Amount**

1 Cytel Software Ltd. Pune (under Corporate Social Responsibility scheme) 34 Rs. 2,22,000/-
2 Potnis Financial Assistance 02 Rs. 20,000/-

**- Dr. M. M. Sane**
Head, Department of Statistics

# Department of Zoology

**PART A**

**DIQAC Composition and Activities - Academic Year: 2022-2023**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. B.T. Kalbage | HoD and Chairperson of DIQAC | 8766588734 | hodzoology@moderncollegepune.edu.in |
| 2 | Dr. P.S. Kudnar | Member 1 | | kudnarzoology@ moderncollegepune.edu.in |
| 3 | Dr. Y.S.Shinde | Member2 | | shindezoology@ moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty : 11

Non-Teaching Staff : 04 Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department: Nil

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

**Zoo-vision**: Two days mega event of Zoo-vision was organised by department on 18th and 19th January 2023. In this year Poster presentation, model presentation, Photography competition, poem competition, drawing competition and essay writing activities were conducted .The programme was inaugurated by Hon. Principal Dr. R. S. Zunjarrao.

**Zoo-Quiz Activity:**

Zooquiz was organized by Department of Zoology on 20th Jan 2023.An elimination round was conducted to screen the students from F.Y.B.Sc, S.Y.B.Sc., T.Y.B.Sc. and M.Sc. I classes on 17th Jan 2023.

**Guest Lectures**:

1) On the occasion of Wild Life week one of our past student Jay Gore delivered lecture on 'Vulture Conservation' on 3rd October 2022. Nearly 90 students from F.Y.B.Sc., T.Y.B.Sc. and M.Sc. attended this lecture.
2) Dr.Binaykumar Chakraborthy (Executive Director,Aquaculture and Management centre , Dhaka, Bangladesh) an International Guest speaker delivered his speech on 'Diversification of Fish and Fsheries' on 17th November 2022.
3) Dr. Sameer Padhye (Scientist , Biologia Life Science, Ahmednagar) spoke on 'Zooplankton Biodiversity and Ecology studies' on 27th December 2022 .Sixty students of UG and PG attended the lecture
4) Dr. Narhari Grampurohit (HoD,Zoology, SPPU) delivered a lecture on topic 'Amphibian as model system in addressing ecological questions' on 27th February 2023. Nearly 40 students of B.Sc. and M.Sc. attended this interactive session.
5) Ajinkya Unawane (Past student and Research Scholar IISC, Bangalore) spoke on 'Snakes around us, variation in snake venom and human snake conflict' on 11th March 2023.
6) Prof. Narendra Naidu (Former HOD, Zoology) conducted two sessions on topic: 'Insect Development' on 20th and 21st March 2023 for M.Sc.II students
7) Dr. H. V. Ghate, former Head, Zoology conducted lecture cum workshop on "Insect around us"

**Vermiculture workshop:** "Integrated Vermitechnology course for solid waste Management" was organized by Zoology department in collaboration with INORA,Pune on 19th and 11th March2023. .This course was sponsored by BSD, Savitribai Phule Pune University.

**Study Tours-** In this year S.Y.B.Sc**.** Zoology study tour was arranged on 16/1/2023 to Sericulture Institute, Wai and Apiculture Institute, Mahableshwar. Students were really benefited by these visits. They observed Mulberry farm, equipments in sericulture,

**ZSI Visit :** F**.**Y.B.Sc.and M.Sc.I visit to ZSI, Pune was taken on 31/1/2023. Students observed specimens and visited to different laboratories and attended lecture on DNA-Barcoding

**Alumni meet-** An Alumni meet of M.Sc. Zoology was organized on 4th March 2023. Principal Dr. R.S. Zunjarrao inaugurated the function. The program started with a welcome note given by Prof. Netra Kulkarni which was followed by Isha stavan presented by Prof. Renu Bhalerao.

Then Dr. Shubhangi Puranik, Coordinator, M.Sc. Zoology, briefed us about the whole program. Dr. B.T. Kalbage, Head, Department of Zoology then welcomed the alumni and Congratulated them. Dr. V.N. Gaikwad, Vice Principal, faculty of commerce also Congratulated the alumni and the P.G. staff members for arranging the program

2.15 Plan of Action by DIQAC/Outcome (A.Y 2022-2023)

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Sr. No. | Plan of Action | Achievements |
|---|---|---|
| 1 | June/july -22 Admission process, | 1. All staff involve in Admission process |
| 2 | Ph.D. proposal presentation | 2. Synopsis presentation, Ph.D. Admission of some candidate completed |
| 3 | September – Internal exams. Ph. D. Related activities- Pre- submission | 3. Poster , photography competition and Guest lecture on Wild life was arranged. |
| 4. | synopsis of Ph.D. thesis | |
| 5 | October- Wild life week - Guest | 5. CEDA Audit completed |
| 6 | lecture, CEDA audit | 6) Guest lectures were organised. |
| 7. | Nov./Dec.- Guest lectures, ESE Exams | 7) Zoo-vision Activity was conducted. F.Y.B.Sc., S.Y.B.Sc. and M.Sc. study tours and institutional visits were organised |
| | Jan,2023- Zoo-vision, Zoo-quiz, | |
| 8 | Poster competition, Photography competition, Essay competition, | 8) AAA audit was conducted, CIE exams were conducted, PG studens Alumni meet was organised. |
| 9 | Study Tours | |
| 10 | Feb. 23 - CIE exams, AAA audit | 9) Vermitechnology workshop was taken. |
| 11 | Mar. 23- Practical exams. Alumni Meet | 10) Progress reports of research students were arranged |
| | Vermitechnology Workshop, Progress reports of Ph.D. students | 5) T.Y. B.Sc study tour was not arranged. |
| | April-23 – ESE Exams | 6) UG Alumni meet was not organised |

** Attach the Academic Calendar of the year as Annexure.*

**DEPARTMENT OF ZOOLOGY**

**ACADEMIC CALENDER (Planning) Year- 2022-2023**

1) June/july -2022 Admission process and commencement of first Sem teaching.Ph.D. proposal presentation of research students.
2) August 2022- S.Y.B.Sc. visit to Government fish seed farm Hadapsar.
3) September – Internal exams.
4) Ph. D. Related activities- Pre- submission synopsis of Ph.D. thesis of Ph.D.students.
5) October- Wild life week - Guest lecture, CEDA audit
6) Nov./Dec.- Guest lectures, ESE Exams. Diwali vacation.
7) Jan,2023- Zoo-vision, Zoo-quiz, Poster competition, Photography competition, Essay competition, Study Tours
8) Feb. 23 - CIE exams, AAA audit
9) Mar. 23- Practical exams. Alumni Meet, Vermitechnology Workshop, Progress reports of Ph.D. students

10) April-23 – ESE Exams.
Date: 21/6/2022.

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | one | | | |
| PG | One | | | |
| UG | One | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | one | | One (vermitechnology) |
| **Total** | 3 | 1 | | |

| | | | | |
|---|---|---|---|---|
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year : **NEP 2020 syllabus framing workshop (May -2023)**

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : 1- **Vermitechnology**

1.2.1 - Number of new courses introduced across all programmes offered during the year - Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 10 | 10 | **Nil** | **Nil** | **Nil** | e-Books, Educational website, Research papers,Simulations for lecture and practicals |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 03 | 03 | Nil | Nil | |

2.2 No. of permanent faculty with Ph.D :- .04

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 10 | | | | | | | | | |

2.4 No. of Guest and Visiting faculty and Temporary faculty

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers : Nil**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | 4 | 1 | 1 |
| Presented papers | 1 | 2 | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

**Pedogogy methods**

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

From students feedback, Class tests, student seminars, Home Assignment

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | | | | |
| Technical Staff | 01 | Nil | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year: **Nil**

3.2.3 - Number of teachers recognised as research guides

| Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year | Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining | Whether recognised as a research guide for PhD? | Year of recognition as a Research Guide | Is the teacher still serving the institution?/If not,when did he/she leave the institution? | Name of the scholar | Month and Year of registration of the scholar | PhD Scholar's Title of the Thesis |
|---|---|---|---|---|---|---|---|
| Dr. B.T.Kalbage | Ph.D. | | | Yes | | | |
| Dr. P.S.Kudnar | Ph.D. | | | Yes | | | |
| Dr.Y.S. Shinde | Ph.D. | yes | 2020 | Yes | 1)Ms. Renuka Khairnar<br><br>2) Shruti Yeola | 23/05/2022 | 1..Taxonomy, Ecology and Biodiversity of freshwater Ostracoda (Crustacea) of northern part of Maharashtra"<br>2. **Ecological studies on *community structure of microcrustaceans from temporary waterbodies of Pune region*** |
| Dr. S.S. Puranik | Ph.D. | Yes | 2014 | Yes | 1.Mr. Imran Patel<br><br>2.Prachi Surwade<br><br>3.Mohinaz Mehadi | | 1.characterization and biomedical application of biogenically fabricated metal nanopartivcal<br>2.Anticancer and Antioxidant Activities of nanoparticles derived from *Phyllanthus emblica* Linn."<br>3. *In vitro* studies of medicinal efficacies of *Xylocarpus granatum* J. Koenig derived nanoparticles." |

| 3.3.1 Incentive to the teachers who receive recognition/awards | |
|---|---|
| 3.3.2 Ph. Ds awarded during the year | |
| Name of the Department | No. of Ph. Ds Awarded |
| Zoology | 02 |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution
Organising talks of researchers, experts, research projects to M.Sc. students

3.2 Details regarding major projects: **Nil**

3.3 Details regarding minor projects: **Nil**

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 10 | | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | | |

*Please provide the information in following format as annexure:* List attached

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1. | Dr. Shubhangi S. Puranik | 1) " Biofabrication of silver nanoparticles (AgNPs) using Embelin for effective Therapeutic management of Lung.<br>2) " Embelin isolated from Embelia ribes derived silver nanoparticles and its application in breast cancer nanomedicines."<br>3) "Phytofabricated Br-AgNP synthesis using Brassica oleracea var. italica and their anti-carcinogenic applications" | Frontiers<br><br>ELSEVIER<br><br>ELSEVIER | | |
| 2. | Dr. H. V. Ghate | 1) Rediscovery of Gardena melinarthrum Dohrn from Sri Lanka.<br>2) Illustrated redescription of Mesopteryx platycephala collected from West Bengal (Mantodea : Mantidae).<br>3) Redescription of Bagauda avidus (Hemiptera: Heteroptera: Reduviidae: Emesinae) with notes on other species of the genus in India.<br>4) Redescription of Deiphobella laticeps (Mantodea: Mantidae).<br>5) First report of Aurelianus yunnanaus from Tripura, India.<br>6) Notes on morphology and bionomics of Urolabida histrionica (Westwood) (Heteroptera : Urostylididae) from Assam, northeast India.<br>7) Rediscovery and redescription of Urolabida nilgirica Yang (Hemiptera: Heteroptera: Urostylididae) from India.<br>8) First report of a coreid bug *Aurelianus yunnananus* Xiong, 1987<br>(Hemiptera: Heteroptera: Coreidae) from India<br>9) Redescription of *Bagauda avidus* (Hemiptera: Heteroptera: Reduviidae: Emesinae) with notes on other species of the genus in India | Journal of Threatened Taxa<br><br>Journal of Threatened Taxa<br><br>Zootaxa<br><br>Journal of Threatened Taxa<br><br>Journal of Threatened Taxa<br><br>Journal of Threatened Taxa<br><br>Journal of Threatened Taxa<br><br>Journal of Threatened Taxa<br><br>ZooTaxa | 14(4): 21318-21320<br><br>14(7):21462–21466<br><br>5188 (4): 361–372<br><br>14(11): 22190–22194<br>15(1): 22522–22527<br><br>15(2): 22677–22685<br><br>15(4): 23123–23130.<br><br>15(1): 22522–22527<br><br>5188 (4): 361–372 | |

*Please provide scan copies of the papers published as annexure:*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: Nil

3.7 No. Of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

| Sr. No. | Name of the Staff Member | Consultancy Provided to | Revenue Generated |
|---|---|---|---|
| 1 | Dr. Yugandhar Y. Shinde | Biologia Life science | 20,000 per annum |

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No of conferences organized by the Department-**Nil**

3.12 Details faculty served as experts, chairpersons or resource persons

| Sr. No. | Name of the Staff Member | Role | Name of Conference / Seminar / Symposia |
|---|---|---|---|
| 1. | Dr. Shubhangi S. Puranik | Appointed as a resource person | In Faculty Developmental program in Animal Tissue Culture Techniques organised by Rajeev Gandhi institute of Biotechnology, Bharati vidyapeeth. |

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1. | COEP Technological University, Pune | College level | Use of Nanotechnology and Tissue Culture facilities. |

3.14 Details of linkages created during this year: **Nil**

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year- **Nil**

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year: **Nil**

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1 | Dr.Y.S. Shinde | SPPU | 1)Ms. Renuka Khairnar<br>2) Shruti Yeola | 23/5/2022<br>11/5/2023 |
| 2 | Dr. Shubhangi S. Puranik | SPPU | 1) Mr. Imran Patel<br>2)Prachi Surwade<br>3) Mohinaz Mehadi | 27/3/2018<br>29/07/2022<br>29/07/2022 |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 1.<br>2.<br>3.<br>4. | Ms. Rutika R. Jagtap<br>Mr. Imran Patel<br>Prachi Surwade<br>Mohinaz Mehadi | Dr. Shubangi Puranik | 29/07/2015<br>27/03/2018<br>29/07/2022<br>29/07/2022 | 05/12/2022 |
| 5.<br>6. | Ms. Renuka Khairnar<br>Ms. Shruti Yeola | Dr.Yugandhar S.Shinde | 23/5/2022<br>11/5/2023 | |
| 7. | Ms. Varada Kulkarni | Dr. Savita P. Datar | 03/03/2020 | |
| 8.<br>9.<br>10. | Ms. Ashwini M. Patil<br>Ms. Rujuta Deshpande<br>Ms. Netra Kulkarni | Dr. Manisha A. Modak | 29/07/2015<br>31/03/2016<br>31/03/2016 | 17/07/2023 |
| 11.<br>12.<br>13. | Mr. Nirbhay S. Pimple<br>Mr. Rupesh N Raut<br>Mr. Sachin Gosavi | Dr. Sanjay Kharat | 20/09/2012<br>10/01/2013<br>29/07/2015 | 16/10/2020<br>30/09/2021<br>19/08/2019 |
| 14. | Mrs. Bharti V. Patil | Dr. Sakharam B. Patil | 05/04/2013 | 16/04/2021 |
| 15. | Mr. Ramprakash Bhaiyyalal | Dr. Ravindra V. Kshirsagar | 20/08/2015 | 29/06/2019 |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

| Sr. No. | Research Scholar Name | Name of the agency | Year of receiving fellowship | Year of Registration |
|---|---|---|---|---|
| 1. | Ms. Renuka Khairnar | Mahajyoti | 11/11/2022 | 23/5/2022 |

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | 1 | | |
| Presented papers | | 1 | | |
| Resource Persons | | | | |

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 4 | | 7 | | | | | 200 mbps | |
| Added | | | | | | | | | |
| Total | 4 | | 7 | | | | | 200 mbps | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 282 | 35 | 10 | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure:* List attached

(c) No. of international students:Nil

*Please provide the list of students, Gender, class, category as annexure*

| Men | No | % | Women | No | % |
|---|---|---|---|---|---|
| | | | | | |

5.2.1 - Number of outgoing students who got placement during the year

| Name of student placed with his/her contact details | Programme completed | Name of the employer with contact details | Pay package at the time of appointment |
|---|---|---|---|
| Bidisha Pattanaik 7898446246 | M.Sc. Zoology | D.Y. Patil International School, Pume | 32,000/-pm |
| Kinjal More 8793586215 | M.Sc. Zoology | Envicon Consultants | 24,000/pm |
| | | | |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

| Registration number/Roll number for the exam | Names of students selected/ qualified | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NET | IIT-JAM | SLET/SET | JRF | GATE | GMAT | CAT | GRE | JAM | IELTS | TOEFL | Civil Services | State government examinations | Other examinations conducted by the State / Central Government Agencies (Specify) |
| 585155 | | | SET | | | | | | | | | | | |
| BT23S62067038 | | | | | GATE | | | | | | | | | |
| XL23S52067042 | | | | | GATE | | | | | | | | | |
| | | | | | | | | | | | | | | |

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance:Nil

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities:Nil

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template):Nil

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1. | Zoovision | Exhibition | College | 19/01/2023 |
| 2. | ZooQuiz | Quiz | College | 20/01/2023 |

*Please provide the scan copies related letters as annexure: Scanned copies attached.*

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies** | | |
|---|---|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year | | |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year | | |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
| **1)** Online Two-Week Refresher Course in Life Sciences, Organized by Teaching Learning Centre, Ramanujan College University of Delhi, in collaboration with Department of Chemistry, Miranda House University of Delhi, under the aegis of Ministry Of Education Pandit Madam Mohan Malaviya National Mission On Teachers And Teaching. | 2 | 17th March - 1st April, 2023 (15 Days) |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development : Taking feedback from stakeholders for improvement of the syllabus and incorporate suggestions in the syllabus.

6.3.2 Teaching and Learning : Use of online and blended mode for teaching in order to overcome covid-19 pandemic situation. Incorporation of different pedagogic methods like cooperative learning, group discussion, seminars, field/institutional visits project base and experiential learning.

6.3.3 Examination and Evaluation : we use different methods for evaluation like MCQ based test, subjective examination, seminars, assignments and group discussions.

6.3.4 Research and Development: Encouragement to teachers and student arranging lectures and asking to perform project based on research. M.Sc students are encouraged to read recent research papers and present power point presentations on it.

6.3.5 Library, ICT and physical infrastructure / instrumentation: Well established Departmental Library for UG and PG students.

6.3.6 Human Resource Management: Newly appointed staff encouraged to prepare e-content and practical protocols.

6.3.7 Faculty and Staff recruitment: Temporary staff appointed as per requirement

6.3.8 Industry Interaction / Collaboration: Not at departmental level

6.3.9 Admission of Students: Entire procedure Online

6.11 Activities and support from the Alumni Association: few of our alumni delivered lectures in the Online Guest Lecture Series.

6.12 Activities and support from the Parent – Teacher Association: Nil

6.13 Development programmes for support staff: Nil

6.14 Initiatives taken by the institution to make the campus eco-friendly: At College level.

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

- Improvement in blended mode of Teaching, Learning and Evaluation
- Regular offline Guest Lectures from various field.
- Involvement of Alumni in the Online/offline Guest Lecture series.

7.4 Contribution to environmental awareness / protection:

- In regular lectures and in guest lecture staff/resource person make awareness about environment.
- Set up of Vermiculture unit in College campus.
- Conduction of Vermitechnology course for students to spread awareness and importance of use of vermicompost for friendly environment.

7.6 SWOC Analysis of the Department

**Strength:**

- Well qualified and Experienced Staff .
- Adhoc Staff also NET/SET/Ph.D. qualified.
- Active PG Research Centre
- Courses from F.Y.B.Sc. to PG in Zoology offered at the department
- Adequate Infra-structural facilities
- Advanced equipment for UG, PG and research available
- UG students taking efforts to join PG courses.
- PG students involved in Project work in In-house and collaboration with other research institute
- Organized guest lectures.

**Weakness:**

- Insufficient Space
- Lack of permanent staff

**Opportunities:**

- Due to the PG teaching and Research, there is scope for improvement in research areas.
- Academic quality improvement from the CPE funds, expected in near future.
- Independent Syllabus framework and designing would be possible in Autonomy.
- More research work should be conducted at department and in collaborative institutes.

- We have learned online teaching methods on Google meet and MS team and also conducted online exams.
- To start more add-on/Skill development courses.

**Challenges:**

- To maintain the quality in teaching and laboratory exercises
- To cater to large number of students at UG level.
- To invite more experienced staff from SPPU and other institutes for enrichment of PG students.
- Many examinations have to be conducted.
- To strengthen research at PG and Ph.D. level

8. **Plans of Department for next year**

- Continuation of Guest Lectures from various fields.
- Add-on/ new skill development courses
- Efforts will also be made to procure new research grants.
- Exploring activities like posters, news articles and wall papers to keep students engaged
- Students of PG classes will be encouraged and trained for active participation in project work and to participate in research conferences.
- Encouraging UG students to take up summer training or vacation courses.
- Teaching staff of the dept. will be motivated to attend/participate in the workshops, seminars and conferences.
- Planning for collaborative projects with Institutes/Organizations
- Encouraging students to plan and execute extension activities.

*Name 1:* Dr.B.T.Kalbage *Name 3:* Dr.Y.S.Shinde

*Name 2 :* Dr.P.S.Kudnar

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

**List of Students outside the state:**

| Student | Gender | Class | Category |
|---|---|---|---|
| Bididsha Pattanaik | Female | M.Sc. II | Open |
| IQBAL HUZAIF | Male | FYBSc. | SEBC |
| BARMA SARANYA | Female | FYBSc. | Open |
| NAVYA RAJ CK | Female | SYBSc. | OBC |
| LADOL JIGMAT | Female | SYBSc. | ST |
| CHELSEA CYRIL REBELLO | Female | FYBSc. | Open |
| RAI ANUSHKA | Female | FYBSc. | Open |
| GRACY JOHN RODRIGUES | Female | FYBSc. | Open |
| SUDHIKSHA SINGH | Female | TYBSc. | EWS |

Below link provides scanned copies of activities,guide recognition letters,research papers

DIQACZOOLOGYATTACHMENT2223

All the staff members of Junior Wing, Senior Wing and PG wing smoothly carried out their activities and duties.

**Departmental Activities**

- **Zoo-Vision Activity: A** two day mega event of Zoo-vision was organised by the department on 18th and 19th January 2023. In this year Poster presentation, Model presentation,

Photography competition, Poetry competition, Drawing competition and Essay writing activities were conducted .The programme was inaugurated by Hon. Principal Dr. R. S. Zunjarrao. Dr. Shilpa Mujumdar from the Microbiology department worked as a Judge for the poster and model competition. Dr. Rajkumar Barmukh from Botany department worked as a judge for the Photography competition. Prof. Sameer Nerlekar from the Animation department worked as a judge for a drawing competition. Dr. Priyanka Saha from the Zoology department worked as a judge for essay and poem competitions. Approximately 211 students from various classes and streams participated in these activities. More than 500 School students with staff members from Modern English Medium School visited this activity and appreciated the efforts of the students. Dr. P.S.Kudnar worked as coordinator for Zoo-vision All staff members guided students in making posters, models. Our T.Y.B.Sc. Zoology students had put a lot of effort into all these activities.

- Results of Zoo-vision- Vaishnavi D. Sanap, Disha Dhotre from S.Y.B.Sc. bagged the first prize in poster presentation. Aditya R. Lad and Janhvi Wagholikar from T.Y.B.Sc.Zoology and F.Y.B.Sc. won second prize respectively.
- Bhakti Dhaigude, Pratiksha Kadam and Rushita Jagtap won first prize in the model competition. In the Photography competition Aditya R. Lad and Mihir Joshi won the first prize. In Poem competition from T.Y.B.Sc. Zoology, Janhavi Sukhwani won the first prize and Sanchet S. Gaikwad won the second prize. In the Drawing competition Aditya Pawar from 12th science bagged first prize while Samyak Ganvir from T.Y.B.Sc. Zoology won second prize. In essay writing Shashwati Mahajan and Sairaj Mhetre from S.Y.B.Sc. won first and second prize respectively.
- **Zoo-Quiz Activity:**

  Zooquiz was organized by the Department of Zoology on 20th Jan 2023.An elimination round was conducted to screen the students from F.Y.B.Sc, S.Y.B.Sc., T.Y.B.Sc. and M.Sc. I classes on 17th Jan 2023. Top 4 students from each class were selected and they were then divided into four teams. Quiz rounds were conducted by M.SC. II year students. Prof. Netra Kulkarni co-ordinated the Zooquiz event. Results were declared immediately. First prize won by Darwin team, second prize by Griffith team and third prize by Lamarck team.

- **Lecture Series under Zoology Association** In this academic year 2022-2023 some Guest lecturers were arranged under the Zoology Association.

1. On the occasion of Wild Life week one of our past students Jay Gore delivered a lecture on 'Vulture Conservation' on 3rd October 2022. Nearly 90 students from F.Y.B.Sc., T.Y.B.Sc. and M.Sc. attended this lecture. This lecture enlightened us on the need of saving vultures as these birds are important scavengers of the ecosystem and keep the environment clean. This guest lecture was coordinated by Dr. B. T. Kalbage.
2. Dr. Binaykumar Chakraborthy (Executive Director,Aquaculture and Management Centre, Dhaka, Bangladesh) an International Guest speaker delivered his speech on 'Diversification of Fish and Fisheries' on 17th November 2022. Approximately 45 students attended this lecture. He focused on fisheries as self employment. This guest lecture was coordinated by Dr.P.S.Kudnar.
3. Dr. Sameer Padhye (Scientist , Biologia Life Science, Ahmednagar) spoke on 'Zooplankton Biodiversity and Ecology studies' on 27th December 2022. Sixty students of UG and PG attended the lecture. This guest lecture was coordinated by Dr. Yugandhar Shinde.
4. Dr. Narhari Grampurohit (HoD, Zoology, SPPU) delivered a lecture on the topic 'Amphibian as a model system in addressing ecological questions' on 27th February 2023. Nearly 40 students of B.Sc. and M.Sc. attended this interactive session. This guest lecture was coordinated by Shilpa Mandlik.
5. Ajinkya Unawane (Past student and Research Scholar IISC, Bangalore) spoke on 'Snakes around us, variation in snake venom and human snake conflict' on 11th March 2023.This talk was very interesting and students got knowledge about snakes around us. This guest lecture was coordinated by Netra Kulkarni.

6. Prof. Narendra Naidu (Former HOD, Zoology) conducted two sessions on the topic: 'Insect Development' on 20th and 21st March 2023 for M.Sc.II students. This lecture was beneficial to students for the understanding of insect development. This guest lecture was coordinated by Dr. Priyanka Saha.
7. Dr. H. V. Ghate, former Head, Zoology conducted a lecture cum workshop on "Insects around us" This activity was coordinated by Dr. P.S.Kudnar.

- **IVTC Course workshop**- "Integrated Vermitechnology course for Solid waste Management" was organized by the Zoology department in collaboration with INORA, Pune on 19th and 11th March 2023. This course was sponsored by BSD, Savitribai Phule Pune University.

  Dr. B.T. Kalbage worked as a co-ordinator for this workshop. Dr. Shubhangi Puranik, Dr. Priyanka Saha and Dr. B.T. Kalbage accompanied students in INORA, Darawali. 28 students of M.Sc. I and M.Sc.II participated in this workshop.
- **AAA of Zoology-** The Academic and Administrative Audit of Zoology department was carried out on 3rd February 2023. Prof. Dr. Sangeeta V. Pandit, HOD Zoology, SPPU worked as the External Auditor. She appreciated all the activities like team work, research work and publications, ISR activities, syllabus, documentation, Zoo-vision, study tours and Add-on courses.
- **Audit by CEDA**- Three yearly AAA of Zoology was conducted on 18th October 2022 by CEDA. Dr. Beena Inamdar and Prof. A.G. Gosavi (Former Principal) were expert auditors for this audit.
- **Study Tours-** In this year S.Y.B.Sc**.** Zoology study tour was arranged on 16th January 2023 to the Sericulture Institute, Wai and Apiculture Institute, Mahabaleshwar. Students were really benefited by these visits. They observed Mulberry farms, equipment in sericulture, handled honey bees, equipment in apiculture. Dr. P. S. Kudnar coordinated this visit. Shilpa Mandlik, Gauri Shahane, Shruti Yeola, Umesh Gore, Yogesh Jare accompanied the students.
- The F.Y.B.Sc. and M.Sc.I visit to ZSI, Pune took place on 31st January 2023. Students observed specimens and visited different laboratories and attended a lecture on DNA-Barcoding delivered by our alumni Shabnam Ansari. About 90 students were present. Dr. Bharat T. Kalbage, Dr. Priyanka Dutta Saha, Gauri Shahane, Shruti Yeola, Ms. Varada Kulkarni accompanied the students.
- **Alumni meet-** An Alumni meet of M.Sc. Zoology was organized on 4th March 2023. Principal Dr. R.S. Zunjarrao inaugurated the function. The program started with a welcome note given byProf. Netra Kulkarni which was followed by Isha Stavan presented by Prof. Renu Bhalerao.
- Dr. Shubhangi Puranik, Coordinator, M.Sc. Zoology, briefed us about the whole program. Dr. B.T. Kalbage, Head, Department of Zoology then welcomed the alumni and congratulated them. Dr. V.B. Gaikwad, Vice Principal, faculty of commerce also congratulated the alumni and the P.G. staff members for arranging the program. About 30 past students from the year 2017 to 2022 were present for this meet. Dr. Shubhangi Puranik, Dr. Priyanka Dutta Saha, Netra Kulkarni took efforts to organise this alumni meet.
- **MoU-** An MoU was signed between Biosimilia Pvt. Ltd. Chembur Mumbai a leading Homeopathy pharma company and Department of Zoology, Modern College, Pune-5

**Activities /Achievements of Staff**

**Dr. Bharat T.Kalbage**

1) Completed 25 years of service in the college.
2) Awarded Ph.D. Degree on 18th November 2022 by Savitribai Phule Pune University.
3) Worked as coordinator for SPPU sponsored Vermitechnology workshop.
4) Worked as Judge for poster competition in Microbiology and Geography department.

**Dr. P. S. Kudnar-**

1) Appointed as UG co-ordinator of the Department.
2) Organised institutional visit of S.Y.BSc. Class to Sericulture institute Wai and Apiculture Mahabaleshwar.
3) Worked as Co-cordinator for Zoovision activity.
4) Organized guest lecture of International speaker Dr.Binaykumar Chakraborthy (Executive Director,Aquaculture and Management Centre , Dhaka, Bangladesh) on 'Diversification of Fish and Fisheries'.
5) Organized workshop cum lectures of Dr. H. V. Ghate on "Insects around us."
6) Completed Online National Level Twelve Days Capacity Building Program on Advanced Research Methodology for Young Aspirant in Social Sciences and Humanities (ARMYASSH-22), Organized by Department of English, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, sponsored by Indian Council of Social Sciences Research (ICSSR).
7) Completed Online Two-Week Refresher Course in Life Sciences from 17th March - 1st April, 2023. Organized by Teaching Learning Centre, Ramanujan College University of Delhi, in collaboration with Department of Chemistry, Miranda House University of Delhi, under the aegis of Ministry Of Education Pandit Madam Mohan Malaviya National Mission On Teachers And Teaching.

**Dr. Yugandhar Shinde:-**

1) Working as a Ph.D. guide for 2 students.
2) Successfully completed online Refresher course in "Life Sciences" Conducted by RC, HRDC, Delhi University on 17th March to 1st April 2023.
3) Resource person for SPPU sponsored Vermitechnology workshop.
4) Worked as a Judge for "Microcosm" event organized by Dept. of Microbiology, Modern College, Shivajinagar, Pune-5.
5) Guided students for Yuva Sanshodhak Scheme (YSS) for faunal diversity of Modern College Campus. (Group received Silver medal).
6) Participated in the National Conference on NEP organized by Modern College Shivajinagar, Pune – 05 on 14 th and 15 th Feb 2023.

**Ms. Varada Kulkarni:**

1) Worked as a co-ordinator for the Dance competition in Kalasaptaah 2022.
2) Presented a poster in Cell Biology International Symposium on Development of Disease organised by Banaras Hindu University, Varanasi, Uttar Pradesh, India.

**Ms. Shilpa Mandlik:**

1) Participated in a two days offline Symposium on 'Recent Trends in Biology' organized by the Department of Zoology, SPPU on 23 and and 24th March 2023.
2) Organized Science day Programme in the Department of Zoology, MCASC, Shivajinagar, Pune on 28th February 2022.

**Ms. Gauri Shahane-**

- Registered for Ph. D. at Prof. Ramkrishna More College, Akurdi.

**Ms. Shruti Yeola-**

- Qualified NET- LS Exam.

**Dr. Shubhangi Puranik:-**

1) Worked as a Chief PG co-ordinator.
2) Published three research papers in International journals.
3) Worked as a Ph.D .guide for 4 students and one student Rutika Jagtap awarded Ph.D.
4) Appointed as a resource person in the Faculty Development Program in Animal Tissue Culture Techniques organised by Rajeev Gandhi institute of Biotechnology, Bharati Vidyapeeth.

5) Worked as organizer of two days National Conference on NEP-2020 and coordinated for sponsorship of Rs. 50000/- from Emcure Pharmaceuticals, Pune.

6) Conducted Alumni meet for M.Sc . Students.

7) Worked as Student development officer and coordinated workshops in collaboration with dept of Biotechnology, Zoology, Marathi , Fashion technology.

8) Worked as a chairperson of ISR Activities and conducted social activities "Moothbhar Dhanya Garjunsathi, Kitabwari" etc, collection of old clothes and gave to "Caring Hands", Kalashram, Talegaon by the hands of Principal Dr. R. S. Zunjarrao. From our college the collection of 550 kg rice and about 300 kg Toor dal was done.

9) Coordinated Emcure Pharmaceuticals, Pune, Geeta Israni Foundation, Mumbai, Suparna Foundation, Pune , Guardian foundation, Pune, Mukul Madhav Foundation Pune Aatmaja Foundation for needy girls for Financial assistance of Total Rs.Twenty lacs for 150 needy students, A. K. Scholarship for academically good students.

10) Worked as judge for Best Student (P.G) competition at Modern College , Pune 5.

11) Appointed as paper setter and examiner in the subject Animal Tissue Culture at M.Sc. (Biotechnology) at Bharti Vidyapeeth Pune.

**Netra Kulkarni:-**

1) Presented a poster in National Conference on Challenges and opportunities in Chemistry Research organized by Dept. of chemistry HPT/RYK College Nashik.

2) Attended 2 days workshop on Bioinformatics – Basics to Advanced organized by LifeGenBio on 25 th and 26 th February 2023.

3) Organized First Alumni Meet of M.Sc. Zoology students on 4 th March 2023.

4) Worked as a Judge for Speech competition in Y-20 event organized by Modern College,

5) Attended National Conference on NEP organized by Modern College

**Dr. Priyanka Dutta Saha:-**

1) Worked as Assistant Coordinator for organizing an Online Induction Program for Post graduate students of Modern College of ASC, Shivajinagar, Pune – 05.

2) Organized First Alumni Meet of M.Sc. Zoology students on 4 th March 2023.

3) Worked as a Member of Organizing committee of National Conference on Implementation of National Education Policy-2020 with Special Reference to Adoption of guidelines on NHEQF and Curriculum Framework and Credit system organized by department of Computer science and library on 14 th -15 th Feb 2023

4) Worked as a reviewer of :

i) International Journal of Plant and soil science.

ii) International Journal of Environment and Climate change

iii) Asian Journal of Research in Zoology.

iv) Worked as a Judge for Speech competition in Y-20 event organized by Modern College, Shivajinagar.

**Ashwini Deshkar:-**

1) Completed certificate course in Ornithology (Beyond Birding) organised by INHER.

2) Attended workshop on observation of plants with features in ARI, organised by Maharashtra Vruksha Samvardhini.

**Renu Bhalerao:-**

1) Completed certificate course in ornithology (beyond birding) organised by INHER.

2) Attended workshop on observation of plants with unique features in ARI, organised by Maharashtra Vruksha Samvardhini

3) Worked as judge for cultural event organised for Kartikeya Rindani Memorial Scholarships and Competitions 2023

**Social responsibility**

- **Umesh Gore (**Lab Assistant)- **U**mesh Gore with his social Organization distributed ration to villagers in Ambodi village, Bhor.He organized health camp of eye checking, breast cancer and physiotherapy with the help of Prof. Dr.Mrs. Jyotsna Ekbote madam , corporator PMC.
- **Current activities of the Post-Graduate Research Centre:**

  Following staff members contributed in research work and published research papers in the national and international journals

**Dr. Shubhangi S. Puranik**–Has Published three research papers

1. Published a paper in "Frontiers" entitled " Biofabrication of silver nanoparticles (AgNPs) using Embelin for effective Therapeutic management of Lung. (Aug. 2022).
2. Published paper in ELSEVIER entitled " Embelin isolated from Embelia ribes derived silver nanoparticles and its application in breast cancer nanomedicines." (Sept. 2022)
3. Published paper in ELSEVIER entitled " Phytofabricated Br-AgNP synthesis using Brassica oleracea var. italica and their anti-carcinogenic applications" (Sept. 2022)

**Dr. H. V. Ghate- Former HOD of Zoology**

1. Ranasinghe, T. & H.V. Ghate (2022). Rediscovery of Gardena melinarthrum Dohrn from Sri Lanka. Journal of Threatened Taxa 14(4): 21318-21320.
2. Sathaye, G.; S. Ranade & H.V. Ghate (2022). Illustrated redescription of Mesopteryx platycephala collected from West Bengal (Mantodea : Mantidae). Journal of Threatened Taxa, 14(7):21462– 21466
3. Joshi, N., S. Boyane & H.V. Ghate ( 2022). Redescription of Bagauda avidus (Hemiptera: Heteroptera: Reduviidae: Emesinae) with notes on other species of the genus in India. Zootaxa 5188 (4): 361–372
4. Sathaye, G. & H.V. Ghate (2022). Redescription of Deiphobella laticeps (Mantodea: Mantidae). Journal of Threatened Taxa 14(11): 22190–22194
5. Lodh, R., P. Pansare & H.V. Ghate (2023). First report of Aurelianus yunnanaus from Tripura, India. Journal of Threatened Taxa 15(1): 22522–22527
6. Ranade, S. & H.V. Ghate (2022) Notes on morphology and bionomics of Urolabida histrionica (Westwood) (Heteroptera : Urostylididae) from Assam, northeast India. Journal of Threatened Taxa 15(2): 22677–22685
7. Pansare , , P.,Sankararaman. H & Hemant V. Ghate (2023). Rediscovery and redescription of Urolabida nilgirica Yang (Hemiptera: Heteroptera: Urostylididae) from India. Journal of Threatened Taxa 15(4): 23123–23130.

**PGRC Zoology carried out following Ph. D. related activities:**

- **Ph.D. Admission interviews** - Ph.D**.** Admission interview of three candidates was conducted on 3rd June 2022.Three candidates were selected by committee. Second round of Ph.D. admission for two candidates was conducted on 13th February 2023. The SPPU committee selected one candidate.
- **Pre-Ph.D. proposal presentation**- Pre-Ph.D. proposal presentation viva of Renuka Khairnar and Aishwarya Shirsath was conducted on 23rd May 2022. A Pre-Ph.D. proposal presentation viva of Prachee Surwade and Mohinaj Mahedi was held on 29th July 2022.

- **Progress Reports presentation-** Six monthly Progress Reports presentation was held on 08th March 2023.at PGRC Zoology. Research scholars Ashiwini Patil, Netra Kulkarni, Varada Kulkarni, Renuka Khairnar and Prachi Surwade presented their progress reports.
- Dr. Ravindra Kshirsagar from Modern College Ganeshkhind worked as an external expert and Dr. B.T. Kalbage worked as an internal expert.
- **Pre-submission of Ph. D. synopsis presentation-** Pre-submission of Ph.D. synopsis presentation of Rutika Jagtap and Rujuta Deshpande was conducted on 18thMay2022 and 8th September 2022 respectively. Dr. (Mrs.) S.V. Pandit (HOD, Zoology, Savitribai Phule Pune University) was subject expert for this viva. For Imran Patel the viva was conducted on 8the February 2023 and subject expert was Dr. Ravindra Kshirsagar from Modern College Ganeshkhind.
- Six monthly progress reports of PGRC Zoology for the period July 2021 to December 2021 and January 2022 to June 2022 were submitted in December 2022.
- Rutika Jagtap was awarded the Ph.D. degree on 5th December 2022 by Savitribai Phule Pune University..
- **Research Audit-** The administrative and research audit of PGRC Zoology was successfully completed.

**Student's progression:**

1) Veerendra Naidu got admission to M.Sc. in Ecology at Puducherry University
2) Gautami Meherkar got admission to M.Sc. Marine Bio.Institute Parangipettai, Chennai.
3) Nikita Kale, Vaishanvi Awatade , Sukanya Aru, Varsha Satras, Shrushti Jadhav, Diksha Dhamdhere, Pranav Wabale, Omkar Kalskar, Sakshi Upadhyay got admission for M.Sc. in Modern College,Pune -5
4) Pradnya Mhaske, Sanskriti Bhalerao got admission for M.Sc. Geoinformatics in SPPU
5) Suraj Adamuthe got admission for MBA in Sinhgad College, Pune
6) Gayatri Suryawanshi got admission in Sport Academy in Mumbai.
7) Abhishek Singh got admission for M.Sc. Health Science in Haryana.

**Students Achievements-**

1. Veerendra Naidu was topper in T.Y.B.Sc. Zoology with 94.9% marks for the academic year 2021-2022.
2. Gautami Meherkar scored second rank with 90.4% marks for year 2021-2022
3. Shivam Oswal was topper in M.Sc. Zoology degree with 86.80 % marks for academic year 2021-2022.
4. Sheetal Ankam scored second rank in M.Sc. Zoology degree with 85.80 % marks for year 2021-2022

**The strength for the Zoology subject in the academic year 2022- 2023**

| **Class** | **No. of Students** |
|---|---|
| F.Y.B.Sc | 140 |
| S.Y.B.Sc | 112 |
| T.Y.B.Sc | 30 |
| M.Sc. I | 20 |
| M.Sc. II | 15 |

**- Prof. B. T. Kalbage**
Head, Dept. of Zoology

# Department of Commerce

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. V N Gaikwad | HoD and Chairperson of DIQAC | 962315497 | hodcommerce@moderncollegepune.edu.in |
| 2 | Dr. R D Bansode | Member 1 | 7757055998 | bansodecommerce@moderncollegepune.edu.in |
| 3 | Prof. R D Jadhav | Member 2 | 8308826210 | jadhavcommerce@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related): NIL

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year : NIL

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| **1. Soft Skills Development Workshop** | **Date: From 16 th January, 2023 to 21 st January, 2023** (in two sessions from 11.00 am to 02.00 pm. **Total Participants: 144 Students (UG) Coordinated by Prof. Rahul D Jadhav.** |
| **2. To Conduct Career Counselling Sessions in collaboration with three apex professional bodies in our country** | Date: **17th January to 19th January, 2023** career counselling sessions conducted in collaboration with Pune branches of The Institute of Cost Accountants of India, The Institute of Chartered Accountants of India and The Institute of Company Secretaries of India. Activity coordinated by Prof. Rasika Date |
| **3. Stock Exchange Operations Workshop** | Date : 15th February, 2023 to 21st February, 2023 Five day workshop on stock exchange operations was organised to gain knowledge about a. Introduction to stock exchange, Primary and Secondary Markets, Technical Analysis etc. Total 80 students participated. The workshop was followed by an Investment Game to judge knowledge of the students. **Event was coordinated by : Dr. S.R. Hirwe, Prof.** Shruti Sonawane **and Prof. Amol Desai** |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | 1 | | | |
| PG | 1 | | | |
| UG | 1 | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year

| Name of programme | Programme Code Dates of revision |
|---|---|
| 1. B.Com - FY - NEP 2020 | May 2023 |
| 2. M.Com - Part - I- NEP 2020 | July 2023 |

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : NA

1.2.1 - Number of new courses introduced across all programmes offered during the year :NA

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System : NA

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year :- NA

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **M.Com** | **43** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 13 | 100% | 100% | 100% | | |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 07 | 03 | 02 | 02 | 0 |

2.2 No. of permanent faculty with Ph.D.: 04

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 03 | 06 | 02 | 00 | 02 | 00 | 00 | 00 | 07 | 06 |

2.4 No. of **Guest** and **Visiting** faculty and **Temporary** faculty

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers: NIL**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | 01 | 09 | 01 |
| Presented papers | | | |
| Resource Persons | | | 01 |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Usage of ICT infrastructure to prepare computer aided teaching and learning material, Conduct of Student Seminars/Workshops, Conduct of Assignments, Classroom tests, Industrial Visits, Internship for PG Students and Group discussions on Case studies and help students to acquire potentials to mould them according to their future goals and ambitions.

**The department organises add-on courses to provide practical knowledge to the students. Every** year the department organises the Workshop on Stock Exchange operations to gain knowledge of operations of stock exchange, primary and secondary markets, technical and financial analysis etc. Similarly the workshop follows the Investment Game to judge the knowledge of the students gained in the workshop.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member :

2.10 Average percentage of attendance of students : **83 %**

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- The DIQAC is a significant administrative body in any educational institution.
- It contributes to maintaining quality standards in teaching, learning and evaluation.
- It promotes co-curricular and extra-curricular activities in the college.

- ❖ organizing lectures on quality-related topics, inter- and intra-institutional workshops, and quality-circle promotion.

2.13 Initiatives undertaken towards faculty development by the department:

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | |
| UGC – Faculty Improvement Programme | |
| HRD programmes | |
| Orientation programmes | |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | 02 |
| Summer / Winter schools, Workshops, etc. | |
| Others | |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 02 | | | |
| Technical Staff | 01 | | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

| **Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year** | **Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining** | **Whether recognised as a research guide for PhD?** | **Year of recognition as a Research Guide** | **Is the teacher still serving the institution?/ If not,when did he/she leave the institution?** | **Name of the scholar** | **Month and Year of registration of the scholar** | **PhD Scholar's Title of the Thesis** |
|---|---|---|---|---|---|---|---|
| Dr. Rupesh D Bansode | 2021 | Yes | Yes | yes | Prof. Parag shah, | 20/072022 | Soft skill development |

| 3.3.1 Incentive to the teachers who receive recognition/awards |
|---|

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph.D's Awarded |
| Commerce | 02 |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects: NIL

3.3 Details regarding minor projects: NIL

3.4 Details on research publications in current academic year:

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 1 | 1 | 1 |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | | |

*Please provide the information in following format as annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Dr. Rupesh Bansode | Role of Human Resource Management in Banking sector | 0973-855x | Volume 28 No.1 Jan.23 | 5.3 |
| 2 | Dr. Rupesh Bansode | Study on Sectoral deployment of Gross bank Credit in India | 0973-855x | Volume 28 No.1 Jan.23 | 5.3 |
| 3 | Dr. Rupesh Bansode | National Education Policy | peer reviewed | Volume 20 | 3.5 |

*Please provide scan copies of the papers published as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year : NIL

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index : NIL

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: NIL

3.7 No. of books published : NIL i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year : NIL

3.10 consultancy provided by the Department: NIL

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department : NIL

3.12 Details faculty served as experts, chairpersons or resource persons

| Sr. No. | Name of the Staff Member | Role | Name of Conference / Seminar / Symposia |
|---|---|---|---|
| 1 | CA Rasika Date | Resource Person | Beed CPE Study Chapter of WIRC of ICAI, Beed, Maharashtra on 29th March, 2023, on ICAI Code of Ethics |

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations: NIL

3.14 Details of linkages created during this year: NIL

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year: NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year: NIL

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 1. | Dr. A V Kamble | Savitribai Phule Pune University, Pune | CA. Rasika Date | 28/2/2015 |
| | | | Amol Nikale | 2018 |
| | | | Prajakta Sabane | 2018 |
| | | | Narayan Sakate | 23/3/2015 |
| 2. | Dr. V N Gaikwad | Savitribai Phule Pune University, Pune | Shreya Vaidya | 27/5/2021 |
| | | | Abhishek Lakra | 27/5/2021 |
| | | | Ranjeet Landge | 27/5/2021 |
| | | | Shruti Sonawane | 19/4/2022 |
| 3. | Dr. R D Bansode | Savitribai Phule Pune University, Pune | Parag Shah | 19/04/2022 |
| | | | Urmila Karale | 19/04/2022 |
| 4. | Dr. Shubhash Pawar | Savitribai Phule Pune University, Pune | Karwa Mukesh | 27/5/2021 |
| 5. | Dr. Raju Shrivasti | Savitribai Phule Pune University, Pune | Kiran Patil, | 18/2/2020 |
| | | | Shilpa Sant | 18/2/2020 |
| 6. | Dr. Anil Adsule | Savitribai Phule Pune University, Pune | Konwar Deepanjali | 31/12/2019 |
| | | | Ketan Mane | 19/4/2022 |
| | | | Tejas Gharote | 19/4/2022 |
| | | | Dajamma A | |
| 7. | Dr. Mamta Shende | Savitribai Phule Pune University, Pune | Puranik Prasanna | 7/6/2021 |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers :

| Sr. No. | Student Name | Guide Name | Date of Registration | Date of Ph.D. Award |
|---|---|---|---|---|
| 1. | Waghmare Nilesh | Dr.Yashwant Waghmare | | 2018 |
| 2. | Reshma Gavali | Dr. Vandana Kulkarni | | 2018 |
| 3. | D. Vilasini | Dr.Yashwant Waghmare | | 2019 |
| 4. | Vijay Gaikwad | Dr.Yashwant Waghmare | 25/10/2008 | 2014 |
| 5. | Dixit Sangeeta | Dr. Kamble Ashok | 30/10/2012 | 2017 |
| 6. | Virendra Tatake | Dr.Yashwant Waghmare | 28/8/2010 | 2013 |
| 7. | Yuvraj Thorat | Dr.Yashwant Waghmare | 14/1/2011 | 2013 |
| 8. | Suneel Kelkar | Dr.Yashwant Waghmare | 30/12/2011 | 2014 |
| 9. | Mr.Prasant Dadaso Mohite | Dr.Pawar Subhash Devlu | 24/1/11 | 2014 |
| 10. | Mrs Savita Shatrughan Thorat | Dr.Shobha G. Dadlani | 24/1/411 | 2016 |
| 11. | Mrs. Veena Rajesh Kale | Dr.Shoba Dadlani | | 2015 |
| 12. | Borkar Dhondiram | Dr. Virbhadra Mangnale | | 2013 |
| 13. | Sakate | Dr. kamble Ashok | | 2022 |
| 14. | CA Rasika Date | Dr. Kamble Ashok | | 2023 |

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other) :NIL

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | 09 | | |
| Presented papers | | | | |
| Resource Persons | | 1 | | |

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year:NIL

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year :NIL

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year :NIL

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year :NIL

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 17 | 01 | | | | | Commerce | 20 mbps | |
| Added | 00 | 00 | | | | | | | |
| Total | 17 | 01 | | | | | | 20 mbps | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services :

- ❖ Ensuring timely, Efficient and Progressive performance of Academic, Administrative and Social tasks.
- ❖ The relevance and quality of academic and research programmes.
- ❖ Equitable access to and affordability of academic programmes.

5.2 Efforts made by the Department for tracking the progression : At College Level

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 1321 | 122 | 17 | |

(b) No. of students outside the state (UG & PG)

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students (UG & PG)

*Please provide the list of students, Gender, class, category as annexure*

Men (UG) :

| No. | % |
|---|---|
| 585 | 44.28 |

Women (PG)

| No. | % |
|---|---|
| 736 | 55.72 |

Men (PG)——:

| No. | % |
|---|---|
| 42 | 34.42 |

Women (UG) :

| No | % |
|---|---|
| 80 | 65.58 |

5.2.1 - Number of outgoing students who got placement during the year : At College Level

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template): At College Level

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year :At College Level

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year : At College Level

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance :At College Level

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology
5. Workshop on Stock Exchange Operations

| **Name of the Capacity Development and Skill Enhancement programme** | **Year of implementation** | **Number of students enrolled** | **Name of the agencies/consultants involved with contact details , if any** |
|---|---|---|---|
| **Soft Skills Development Workshop** | 2022-23 | 144 | Prof. Narendra Naidu,<br>Dr. Vilas Kamble,<br>Prof. Parag Shah,<br>Dr. Vijay Gaikwad,<br>Mr. Amit Diwan,<br>Prof. Shradha Sakatkar. |
| **Workshop on Stock Exchange Operations** | 2022-23 | 80 | Mr. Abhyankar<br>Mr. Sadanand Soman |

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template): At College Level

5.11 Student organised / initiatives : NIL

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year : NIL

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year: At College Level

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year: NIL

**6.3 Quality improvement strategies adopted by the Department for each of the following:**

**6.3.1 Curriculum Development**

❖ Syllabus for FY, SY & TY B.Com and M.Com Part-I & II is being prepared and FYB.Com and M.Com Part-I approved under **NEP 2020.**

❖ Suggestions given by the members of the board of studies to the department are incorporated.

❖ Suggestions given by the members of faculty of Commerce, SPPU are incorporated in the syllabus.

**6.3.2 Teaching and Learning**

❖ Lecture plans discussion on syllabus contents, participation in workshop.

❖ Industry Visits organised for Students.

❖ Remedial lectures for Slow Learners.

**6.3.3 Examination and Evaluation**

❖ Revisionary lectures, central assessments programme, result review meeting with staff.

❖ The students get an opportunity to learn more using the continuous learning method, and the semester system keeps them busy.

❖ The teacher can also afford to remain more focused and it is possible to deliver best in the given time.

**6.3.4 Research and Development**

❖ Teachers are encouraged to write research articles.

❖ Teachers are motivated to participate in subject related seminars/workshops..

**6.3.5 Library, ICT and physical infrastructure / instrumentation**

❖ Computer lab is equipped to conduct online lectures and Presentations.

❖ ICT is provided in each classroom and department.

❖ B.Com and M.Com students are encouraged to Prepare PPT presentations.

❖ Students are encouraged to visit the library and read the News Papers/articles.

**6.3.6 Human Resource Management**

❖ Teachers are promoted to pursue Ph.D. In the current academic year 02 teachers completed Ph.D and 04 teachers are pursuing Ph.D.

**6.3.7 Faculty and Staff recruitment**

❖ Vacant Positions are immediately filled by appointing quality and meritorious candidates on a **temporary basis.**

**6.3.8 Industry Interaction / Collaboration :**

❖ At College Level Industry Academia Cell is established.

❖ On 1st , 2nd and 3rd February, 22-23, the department in association with The Cosmos Co-op Bank Ltd. celebrated National Youth Day by conducting Essay Competition, PPT presentation Competition, Street Play Competition. Around 150 students participated in the event. It was coordinated by Dr. S.R. Hirwe and Dr. P.B. Mujumdar

- ❖ Rotary Club of Pune Shivajinagar in collaboration with ROTARACT (RAC) Club of Itihari, Nepal and ROTARACT Club Sunsari, Nepal had organized the International Innovative Business Plan Competition. The students of S.Y. and T.Y. Bcom participated in the competition and won the first prize of 100$. The students were guided by Dr. S.R. Hirwe, Dr. Vijay Gaikwad and Prof. Amol Desai.

**6.3.9 Admission of Students**

❖ Online/offline admission at UG and PG level.

**6.11 Activities and support from the Alumni Association**

❖ At College Level

**6.12 Activities and support from the Parent – Teacher Association**

❖ At College Level

**6.13 Development programmes for support staff**

❖ Quality Improvement Programmes organised at College Level

**6.14 Initiatives taken by the institution to make the campus eco-friendly**

❖ At College Level

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

**7.3 Give Best Practices of the Department**

1. UG and PG students are encouraged to read daily business newspapers and magazines to know the contemporary developments in trade, industries and commerce. The students are encouraged to visit the library.
2. Supporting students for getting employment & self employment

**7.4 Contribution to environmental awareness / protection**

❖ At College Level

**7.6 SWOC Analysis of the Department**

**Strengths:**

- ❖ Well qualified faculty
- ❖ First Department to get permanent Post -Graduate recognition & Most of the members of the department have PG recognition.
- ❖ Optional subjects offered including statistics
- ❖ Department with largest strength of students in the College
- ❖ Five staff members possess Professional qualifications.
- ❖ Since June 2008, the Department has a Research Centre for pursuing Ph.D. in Accountancy, Banking and Finance, Business Administration, Marketing Management, Business Practices.
- ❖ Courses are available from Undergraduate to Postgraduate and also up to Ph.D. under one roof.
- ❖ Representation of staff members on the prominent bodies of the SPPU like the Board of Studies since the last Twenty Years.
- ❖ Two staff members have completed Ph.D, Four members have registered for Ph.D.
- ❖ The Department provides Skill Development Courses, Course in Computerized Accounting, Soft Skill Development Programme, and Introduction to Stock Trading.
- ❖ The Department organises Industrial visits, Workshops, Guest lectures, Seminars on concurrent issues, Exhibitions and various competitions for overall development of the students.
- ❖ Entrepreneurial skill development opportunities available to students and students are encouraged to participate in Vyapar Mela.
- ❖ Departmental Library available for reference to students and staff.
- ❖ Some students are working, having part time jobs in various sectors.

**Weaknesses:**

- ❖ Student- teacher ratio is high. It acts as a limit for personal interaction with the students.
- ❖ Limited Infrastructure for co-curricular activities. Also, stress on existing infrastructure during the prime time.

**Opportunities:**

- ❖ More research oriented projects
- ❖ More use of digital classroom, virtual classroom, ICT.
- ❖ More exposure to practical experience.
- ❖ Placement activity on a larger scale.
- ❖ Internship to a limited number of students in trade and industry.

**Challenges:-**

- ❖ Cream of the students admits themselves for professional courses like C.A., I.C.W.A., & CS examinations and focus on these examinations. Motivating them for participation in academics and co curricular activities is a challenge.
- ❖ Similarly ensuring participation of students who are employed in part time jobs and satisfactory completion of academic pursuits and results from them poses challenges.
- ❖ Heavy dependence on web resources for education by the students than standard and classical reference books on the subjects.
- ❖ Implementation of Autonomy & NEP 2020 is a big challenge.

**8. <u>Plans of Department for next year:</u>**

1. Organising Entrepreneurship fest.
2. Conducting a workshop on Soft Skills Development for the students.
3. Organising a Workshop on Union Budget in February, 2024
4. Career Orientation for the Students of 12th standard Commerce.
5. Interaction with prospective students of First Year B.Com and their teachers.
6. Organising State Level workshop on Recent Trends in Commerce and Industry.
7. Organising One Day Workshop on Digital India.
8. Workshop on Start-up Policy.
9. Organising a workshop/Course on Computerised Accounting, Import-Export procedures and IPR for B.Com & M.Com students.
11. Organising Career Counselling program in 2023-24 in association with ICAI, ICSI and other professional institutes.
12. Conducting FDP and IQP in association with professionals.

*Name 1: Dr. V. N. Gaikwad* *Name : Dr. R. D. Bansode*
*Name 2 : Prof. R. D. Jadhav*
*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

**Academic Results:**

- The result of T Y B Com Sem VI for the academic year 2021-22 was 67%
- The result of M.Com Part-II for the academic year 2021-22 was 73.77 % , with 24 students passing with Distinction .

**New Appointments:**

Prof. Priyanka Jadhav

Prof. Ashwini Bhosale

**Retirement:**

- **Dr. Ashok V. Kamble,** Vice Principal and Head, Department of Commerce and Head, Research Centre in Commerce retired by superannuation on 31st May, 2022

**Faculty Development Programme**

**Student Development Activities**

**1) Lecture Series on Career Counseling**

The following lectures were organized for students of F.Y. B. Com in association with Pune Branches of the three apex professional bodies viz. The Institute of Chartered Accountants of India, The Institute of Company Secretaries of India and The Institute of Cost Accountants of India.

**Day and Date -** Tuesday, 17th January, 2023 **Theme of the Session -** Career opportunities provided by the Institute of Cost Accountants of India

**Name of the Speaker(s)** - CMA Abhay Deodhar, CMA Rahul Chincholkar

**Day and Date -** Wednesday, 18th January, 2023 **Theme of the Session -** Career opportunities provided by the Institute of Chartered Accountants of India

**Name of the Speaker(s)** - CA Sanket Shah

**Day and Date -** Thursday, 19th January, 2023 **Theme of the Session -** Career opportunities provided by the Institute of Company Secretaries of India

**Name of the Speaker(s)** - CS Girish Paralikar

The lectures were attended by approximately 85 students from all the divisions of F.Y.B.Com. class. Each lecture was followed by a question and answer session. The support staff from the Pune Chapter of the Institute of Cost Accountants of India, Pune Branch of the Institute of Chartered Accountants of India and Pune Chapter of the Institute of Company Secretaries of India interacted with the students.The lecture series was coordinated by Prof. Rasika Date.

**2) Soft Skills Development Workshop**

The Department of Commerce had organized a Six days Soft Skills Development Workshop for SY and TY B.Com students. The workshop included various interactive sessions by eminent personalities on topics like Communication Skills, Interview Techniques, Group Discussion, Personality Development, Emotional Intelligence, Decision Making, Study Skills, Public Speaking, Resume Writing, etc. 131 students participated.

The workshop was organized from 16th January, 2023 to 21st January, 2023 from 11.00 am to 02.00 pm. This workshop was coordinated by Prof. Rahul D Jadhav.

**3) Workshop on Stock Exchange Operations**

The Department of Commerce had organized a 5 day workshop on Stock Exchange Operations for the students of Undergraduate and Postgraduate classes during 15th February to 21st February, 2023. The workshop was organized to offer basic knowledge of stock exchange, various terms used in stock market, Primary market, secondary market and online trading etc. The lectures were delivered by the experts and professionals during the workshop. 80 students participated in the workshop. The workshop was coordinated by Dr. S.R. Hirwe, Prof. Shruti Sonawane and Prof. Ashwini Bhosale.

4) **Training Program on " Fundamentals of Stock Market Training and Investment "**

The Postgraduate section of the department of Commerce had organized a 10 day training program on the " Fundamentals of Stock Market Training and Investment during 1st March to 15th March, 2023 for the students of M.COM Part-I & II Students . The Program was inaugurated by Principal Dr. R.S. Zunjarrao and Vice-Principal Dr. V.N. Gaikwad.

The program was organized to impart basic knowledge of stock market fundamentals and techniques of investment .The focus was on the nature of Primary market, secondary market and online trading operations . In order to generate interest and impart skills, a Real Time Investment Game was organized for the participants. Twenty Five Students participated in the activity . The Training Program was Conceptualised and conducted by Prof A.V. Desai .

**Achievements of Staff Members**

**Faculty Members invited as Resource Persons-** CA Rasika P.

Date - 29th March, 2023,

**Organising body and Place -** Beed CPE Study Chapter of WIRC of ICAI, Beed, Maharashtra.
**Topic -** Code of Ethics

**Papers Presented by Faculty Members**

1 **Name -** Dr. Vijay Gaikwad -

**Title of Paper -** A Study of Recent Development in Credit Risk management Practices in Banking Sector

**Journal Name -** Bio Gecko- A journal for new Zealand Herpetology,

**Level -** ISSN2230-5807

**Volume issue** - Volume II

**Faculty Participation in Seminars/Webinars**

1) **Name of the Faculty -** Prof. Moreshwar Yamanappa Meeshi
**Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.
2) **Name of the Faculty -** Dr. Rupesh Bansode **Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.
3) **Name of the Faculty -** Prof. Rahul Jadhav **Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.
**Name of the Faculty -** Prof. Amol Desai
**Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.
4) **Name of the Faculty -** Prof. Amol Nikale
**Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.
5) **Name of the Faculty -** Prof. Rasika Date
**Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.
6) **Name of the Faculty -** Dr. Shraddha Hirwe
**Date -** 20th -25th February, 2023.
**Description -** 5 Day International Webinar on Enterprise Education
**Level and Place -** International Webinar,by ROTARACT Club Itahari, and Sunsari Nepal with Development Education (International) Society, DEIS, Pune
7) **Name of the Faculty -** Prof. Shruti A. Sonawane
**Date -** 4th Feb 2023
**Description -** Participation in the Training Session on 'Design, Development and Delivery of Virtual Classes'
**Level and Place -** Symbiosis Skills and Professional UniversitySymbiosis Center for Online Learning
8) **Name of the Faculty -** Prof. Shruti A. Sonawane
**Date -** 14th & 15th February, 2023.
**Description -** 2 Day National Conference on Implementation of National Education Policy 2020.
**Level and Place -** National Conference.P.E. Society's Modern College of Arts, Science & Commerce, Shivajinagar, Pune - 411005.

**Industrial Visit -**

1) **Faculty -** Prof. Moreshwar Y. Meeshi

**Place -** Katraj Dairy (Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit), Katraj, Pune-411046.

**Number of Students -** 30 Students

2) **Faculty -** Prof. Moreshwar Y. Meeshi

**Place -** College of Agricultural Banking, RBI,Pune, University Road, Pune - 411016. **No. of Students -** 32 Students

**Other Achievements**

**1) Dr. Vijay N. Gaikwad**

Was promoted to the position of Professor under CAS on 16th Jan 2023.

**2) Dr. Rupesh Bansode**

1. Was awarded the Leadership in Positivity & Positivity Gems of India Award 2022 at New Delhi in the presence of former President Ramnath Kovid
2. Presented and published a paper on 'Role of Human Resource Management in Banking Sector at Sanskar Mandir Arts and Science College, Warje, Pune.
3) Dr. Rupesh Bansode was promoted to the position of Professor under CAS

**3) Dr. Moreshwar Yamamanppa Meeshi**

Awarded Ph.D. Degree on 15th March, 2023. Subject - Business Administration

Title - "A Study of Work-Life Balance of Male Police Personnel in Pune City." Guide - Dr. Subhash Pawar

Research Centre - D.E. Society's Brihan Maharashtra College of Commerce, (B. M.C.C.) Shivajinagar, Pune- 411004.

**4) Dr. Shraddha Hirwe**

Awarded Ph.D. on 16th February, 2023 in Banking and Finance , Title - "A Study of Green Banking Practices in Select Commercial Banks" Guide - Dr. Anil Adsule Research Centre-Department of Commerce, Savitribai Phule Pune University

- Worked as a coordinator for National Youth Day Celebration Competitions organized in association with Cosmos Cooperative Bank Ltd. on 1st, 2nd and 3rd February, 2023.
- Worked as a Mentor for International Business Plan Preparation and Presentation Competition organized by ROTARACT Club Itahari, and Sunsari Nepal with Development Education (International) Society, DEIS, Pune
- Coordinated the Mock Interview Competition, Creative Ad Making Competition and Debate Competition organized by Commerce Association.

**5) Dr. A.V. Desai :**

a) Worked as P.G Coordinator for Post Graduate Centre (M.COM) of Faculty of Commerce and Management, for the academic year .

b) Worked as a member of Mentor Team for International Business Plan Preparation and Presentation Competition organized by ROTARACT Club Itahari, and Sunsari Nepal with Development Education (International) Society, DEIS, Pune

c) Worked as a invitee Judge for PPT Presentation Competition for National Youth Day Celebration organized in association with Cosmos Cooperative Bank Ltd. on 1st,2nd and 3rd February, 2023.

d) Organized the 10 day Training Programme on "Fundamentals of Stock Market Training and Investment" , for M.Com Part- I & II Students from 1st March to 15th March, 2023.

**- Prof. Dr. Vijay N. Gaikwad**

Vice Principal and Head, Dept. of Commerce

# Department of Commerce (SF)

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. Dr M.D. Alandikar | HoD and Chairperson of DIQAC | 8308802322 | hodcommercesf@moderncollegepune.edu.in |
| 2 | Prof. Dr. Philomena Fernandes | Member 1 | 9423215858 | fernandescommercesf@moderncollegepune.edu.in |
| 3 | Prof. Dipti Gaonkar | Member2 | 9822710555 | gaonkarcommercesf@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty :8

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department::Nil

Total Nos. International National State Institution Level

(ii) Themes :

*Pl attach a Conference report as annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1.Department of B.Com celebrated an International Youth Day and 75th Independence Day, under Commerce Association, on 12th August, 2022

2. On 19th August, World Photography was celebrated, by BCom dept. Under the Commerce Association.

3. Sports Department celebrated National Sports Day where various indoor & outdoor games were organized for students. Nearly 350 students were participated from B.Com, M.Com and M.Com Ecommerce in this event.

**4)** On 27 Jan 2023 Court visit was organized for the TYBCom students on 27 Jan 2023 at Shivajinagar Civil & Criminal Court. This visit helped our students to learn about court procedure.

5) ON 16 Feb 2023 Academic Visit to Reserve Bank of India ,Archives Museum, Pune was organized on 16 Feb 2023. Dr. Rajeev Lochan Sahoo, Chief Archivist/Deputy General Manager has briefed about the museum and documents preserved in it to the students.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 01 | Nil | 01 | Nil |
| UG | 01 | Nil | 01 | Nil |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

**1.1.2 Number of Programmes where syllabus revision was carried out during the year**

**01 .Syllabus revision of FYBCOM ,Mcom Part1 under NEP was carried out.**

**– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - Nil**

**1.2.1 - Number of new courses introduced across all programmes offered during the year - Nil**

**1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System-UG and PG are based on CBCS**

**1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year**

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **Field Work (M.com Semester I & III)** | **Sem. I- 33 Students Sem. III-: 60 students** |
| **Internship ( M.com Semester II & IV)** | **Sem. II- 33 Students Sem. IV-: 60 students** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.3 Teaching - Learning Process**

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 12 | 12 | | 16 | 01 | |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 12 | 11 | 01 | NIL | NIL |

2.2 No. of permanent faculty with Ph.D.: 2

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty
*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | 12 | 02 |
| Presented papers | | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificates as annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:
Guest lectures, PPT presentation .Organisation of Moot court. Exhibition , Group discussion are arranged for the students. Field trips are some ways of innovative method of teaching.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop /sub-committee member: Annualy workshop has been organised at institutional level.

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes : Maintaining of Teacher's Diary including the details of lectures and co-curricular activities conducted by every individual faculty. This helps to evaluate and monitor the pace of teaching and learning process classwise.

2.13 Initiatives undertaken towards faculty development by the department

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | 01 |
| UGC – Faculty Improvement Programme | |
| HRD programmes | |
| Orientation programmes | |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | 01 |
| Summer / Winter schools, Workshops, etc. | |
| Others | 02 faculties Participated in the state level workshop on "Implementation of NEP-Opportunities & Challenges in Commerce Education". Organized by the Department of Commerce, S.P.P.U. ON 23rd Jan 2023 |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 03 | NIL | NIL | NIL |
| Technical Staff | 01 | NIL | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year: -Nil

3.2.3 - Number of teachers recognised as research guides

| Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year | Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining | Whether recognised as a research guide for PhD? | Year of recognition as a Research Guide | Is the teacher still serving the institution?/ If not,when did he/she leave the institution? | Name of the scholar | Month and Year of registration of the scholar | PhD Scholar's Title of the Thesis |
|---|---|---|---|---|---|---|---|
| Dr Philomena Fernandes | PHD-2016 | yes | 2022 | YES | - | - | - |

| 3.3.1 Incentive to the teachers who receive recognition/awards | | |
|---|---|---|
| State | National | International |
| Nil | Nil | Nil |

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |
| Commerce | 01 |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

Under Research Cell, Faculty Development Program was organized for the faculties on the topic" Fundamentals of Research Methodology" on 30th January 2023 Prof Saurabh Punde guided the faculties related to basics of research methodology.

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | | |
| Non-Peer Review Journals | | | |
| e-Journals | 01 | | |
| Conference proceedings | | 02 | |

*Please provide the information in following format as annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 01 | Prof Shreya Vaidya | "A Study of Recent Development in Credit Risk Management Practices in Banking Sector" | BioGecko – A Journal for New Zealand Herpetology, | ISSN No: 2230-5807, Volume 12, Number02, 2023. | |
| 02 | Prof Shreya Vaidya | | | | |

*Please provide scan copies of the papers published as annexure*

| 3.3.3 Research Publications in the Journals notified on UGC website during the year |
|---|

| 3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index | | | | | | |
|---|---|---|---|---|---|---|
| Title of the paper | Name of the author | Title of the journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citations |
| | Prof Shreya Vaidya | BioGecko – A Journal for New Zealand Herpetology | 2023 | | | |

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations:**NIL**

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

*Please provide the list of books authored by staff members in the format given below as annexure*

| 3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year | |
|---|---|
| Department | No. of publication |
| Commerce | 04(Conference proceedings) |

3.10 consultancy provided by the Department: Nil

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource person :Nil

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1. | BondSocially Academy | Other | Academics |

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year - NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year:Nil

*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

| Sr. No. | Guide Name | Recognized by University | Names of Students registered | Year of Registration |
|---|---|---|---|---|
| 01 | Dr Philomena Fernandes | SPPU | Nil | Nil |

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers :**Nil**

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other):**Nil**

*Please provide the scan copies of letters received as annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | Nil | 12 | Nil | 02 |
| Presented papers | 01 | 01 | Nil | Nil |
| Resource Persons | Nil | Nil | Nil | Nil |

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year:Student exchange programme by National Institute of Stock Market

| Nature of Activity | Participant | Source of financial support | Duration |
|---|---|---|---|
| 01 | **80** | CSR activity | 10 hrs |

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Academics | Number of students/teachers participated under MoUs |
|---|---|---|---|
| Bondsocially | | | |

3.6.1 - **Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact there of during the year**

- **Rakshabandan:** On 11th Aug 2022 our students celebrated Rakshabandan in the Vishrambaug Police Station with a purpose of expressing gratitude towards police officials.
- **Nirmalya Sankalan:** In order to create environmental awareness among students while celebrating festivals and to learn human interactions in the society, College organized an activity named *"NIRMALYA SANKALAN"* on 5th September 2022 at Kasba Peth, Pune. During Ganesh festival, people use flowers, garlands in offering pooja or worship towards Lord Ganesh. Every day while offering new flowers and garlands, the used material called NIRMALYA is stored in the houses. Such material is collected by our students and given to Pune Municipal Corporation for converting it into compost. This year our students had collected 100 bags Nirmalya from different housing societies in Kasba Peth. 50 students from our Department actively participated in this activity.

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 1 | 01 | 50mbps | 01 | 01 | 01 | 01 | 50mbps | Printer/ Headphones / Tripod |
| Added | 0 | Laptop-9 | 30mbps | 01 | - | - | - | 30mbps | NIL |
| Total | 1 | 09 | 80 mbps | 02 | 01 | 01 | 01 | 80 mbps | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

The department arranges seminar for students on various scholarships provided to students to socially backward classes and economically backward classes.

5.2 Efforts made by the Department for tracking the progression .

Alumni record has been maintained by the department to track the progress of the students

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 921 | 89 | NA | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students : PG -8 students

*Please provide the list of students, Gender, class, category as annexure*

UG

| Men | | Women |
|---|---|---|
| No | % | |
| 518 | 56.24 | |
| No | % | |
| 403 | 43.76 | |

PG

| Men | | Women |
|---|---|---|
| No | % | |
| 37 | 41.57 | |
| No | % | |
| 52 | 58.43 | |

5.2.1 - Number of outgoing students who got placement during the year

| Name of student placed with his/her contact details | Programme completed | Name of the employer with contact details | Pay package at the time of appointment |
|---|---|---|---|
| **Gayatri Chavan** | **BCOM** | **Infosys Technologies Pvt ltd** | **3.25l/Anum** |
| **Alok Kumar Sharma** | **BCOM** | **Bajaj Allianz** | **3.00L/Anum** |
| **Sakshi Kesarkar** | **BCOM** | **Bajaj Allianz** | **3.00L/Anum** |
| **Sakshi Kesarkar** | **BCOM** | **Bajaj Allianz** | **3.00L/Anum** |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template):**Nil**

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year:**Nil**

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year :Nil

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance:

Counseling Session- Under the guidance of Vice – Principal Prof. Dr. M. D.Alandikar Sir, of Business Administration Campus and Prof. Dr.Philomena R. Fernandes, H.O.D of B.Com SF Dept., held an Academic Guidance Session for T.Y. B.Com Students for all Division A, B & C. In this session Dr. Alandikar sir guided about Academic Importance, Academic Skill Enhancement, add on courses, Role of Discipline in our life, Communication Skills required for better employability, Professional attitude and also shared his Corporate experiences as well as Educational teaching experience which motivated students and it helps to encourage students about how to tackle future challenges relating to Employability. 150+ students were present for this session.

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities**

1. **Soft Skills:**

Department of Commerce in View of enhancing the presentation and Communication skills of the students, we the faculty of commerce have organised PPT presentation from the students. All the 350 students participated in this PPT presentation

**2.Language and Communication Skills**:

Guidance Session on "Career with Foreign Languages" was conducted by Prof. Anuradha Patil 8th September 2022.

Hindi Divas was celebrated on 30th September 2022 in our campus. On this occasion Yuva Hindi Kavya Sammelan was organized by the department in collaboration with the Hindi Department of Gaware College. The objective of this event was to promote & spread the importance of Hindi language among students as Hindi is our national language.

**3.Life Skills (Yoga, Physical fitness, Health and Hygiene)**

Sports Department celebrated National Sports Day where various indoor & outdoor games were organized for students. Nearly 350 students were participated from B.Com, BBA, BBA-CA, BBA-IB, M.Com and M.Com Ecommerce in this event.

**Awareness of Trends in Technology:** Guest session was conducted on 3 Oct 2022 by IANT with star certification as a part of CSR activity where students were selected for à free training in internet network and Technologies like training in software, cyber security, cloud computing, IOT.

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 01 | **Aarohan** | | College level | The event was inaugurated on 1st of February, in the presence of Dr. M.D Alandikar (Vice Principal, Business Administration Campus) and the Chief guests Shri Raj Kazi (Senior Sub editor, Sakal Media group), Shri Meghraj Rajebhosale (President of Akhil Bharatiya Marathi Chitrapat Mahamandal). |

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies** | | |
|---|---|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year | | |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year | | |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
| Title of the professional development programme | Number of teachers who attended | Date and Duration (from – to) |
| **Refresher course** | **01** | Kannur University from 16-11-2022 to 29.11.2022. |
| **Faculty Development Programme** | **01** | NPTEL Feb to March 2023 |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

The department develop our own curriculum being autonomous keeping in view with current Industry requirements

6.3.2 Teaching and Learning :Various innovative methods of teaching has been adopted depending upon the subjects taught by the department.

6.3.3 Examination and Evaluation : Continuous Internal Evaluation through Experiential Learning, Group Discussion, PPT Presentation and online tests.

6.3.4 Research and Development:Under research cell various activities are held for students and teachers.Teachers guide the students to write research papers

6.3.5 Library, ICT and physical infrastructure / instrumentation:Well maintained departmental library has been set with various reference and text books.

6.3.6 Human Resource Management:Planning ,staffing is done according to the requirement of the department.Meetings and interaction of the staff is carried on as per the need

6.3.7 Faculty and Staff recruitment:Faculty and staff is been recruited by the management of the institutte

6.3.8 Industry Interaction / Collaboration:Efforts are been taken towards Industry interaction and collaboration

6.3.9 Admission of Students :Admission process has been taken place through Mograsys software at institutional level

6.11 Activities and support from the Alumni Association:

Department is working towards Alumni. No contribution from Alumni has been taken so far

6.12 Activities and support from the Parent – Teacher Association: Parent Teacher Association activities have not taken place

6.13 Development programmes for support staff: Training sessions has been provided for the support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly :Done at the institutional level

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department :Social week is organised every year to sensitise students towards society.

Visits to organisations which work for social backward classes or underprivileged is been organised.

7.4 Contribution to environmental awareness / protection:Environment exhibition is been organised for creating awareness towards eco friendly environment.

7.6 SWOC Analysis of the Department

Strength of Department

- Training students as per skill set required by industry & economy.
- Dynamic, well qualified teaching staff with professional & practical knowledge who tries to develop teaching techniques.
- Conducting numerous activities to improve & develop professional skills of students.
- Proper coordination & communication by placement cell regarding job opportunities.
- Availability of modern infrastructure & enriched library.
- Activities undertaken to instill the sense of social responsibility among the students.
- Introduction of Foreign Languages Course had been started in academic year 2018-19 with Spraj Institute.

**Weakness of Department**

- Difficult to provide practical exposure through Internship.
- The course base is non-technical hence students may face problems in handling various customized software.
- Less participation of faculties & students in Research activities.

**Opportunities of Department**

- Organizing various skill based training programme to make the students employable.
- Practical oriented projects / Employment oriented program can be initiated.
- Department can undertake minor /major/Govt. funded research projects. Participation in International and National level seminars and conferences is possible.

**Challenges of Department**

- Enhancing students' merit whose use of vernacular language is very high and improving their communication skills.
- Increase in Industry- College Academia to mold the skill set of students as per demand of industry.
- Challenge in knowledge creation in interdisciplinary approach.
- To develop social awareness among the students so that they must be capable to provide services to society to satisfy anticipated social need.
- Arising competition from Foreign & Private Universities.

8. **Plans of Department for next year**

- Conducting various soft skill programmes to enhance the employability skills of students and focusing forthcoming Career Opportunities.
- Associations / MOUs with different Institutes, Placement Agencies & Industries to enhance the approach with industrial sector as well as to develop Entrepreneurial Skills.
- Creating an engaged, strong & supportive Alumni.
- Planning for association with Tally Training Institute for the giving training of Basics, Advanced Tally ERP 9, Advanced Excel and GST Accounting to B.Com, M.com students.

*Name 1:* *Name and Signature of the Members, DIQAC*

*Name 2 :*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson, DIQAC*

# M. Com. (E-Commerce)

**PART A**

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. Dr M.D. Alandikar | HoD and Chairperson of DIQAC | 8308802322 | hodcommercesf@moderncollegepune.edu.in |
| 2 | Prof.Shridevi A. Pawar | Member 1 | 8087865070 | pawarcommercesf@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty :

Non-Teaching Staff Students 02 Alumni Nil Others Nil

2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department::Nil

Total Nos. 0 International 0 National 0 State 0 Institution Level

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Department of B.Com celebrated an International Youth Day and 75th Independence Day, under Commerce Association, on 12th August, 2022

2. Sports Department celebrated National Sports Day where various indoor & outdoor games were organized for students. Nearly 350 students were participated from B.Com, M.Com and M.Com Ecommerce in this event.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | 01 | Nil | 01 | Nil |
| UG | 01 | Nil | 01 | Nil |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

**1.1.2 Number of Programmes where syllabus revision was carried out during the year**
**01 .Syllabus revision of Mcom (Ecommerce) Part1 under NEP was carried out.**
**– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**

**Nil**

**1.2.1 - Number of new courses introduced across all programmes offered during the year**

**Nil**

**1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System-UG and PG are based on CBCS**

**1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year**

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| **Field Work M.com (Ecommerce) Semester I,II,III & IV )** | **Sem. I- 19 Students Sem. III-: 14 students** |
| **Internship M.com(Ecommerce)Semester IV)** | **Sem. II- 19 Students Sem. IV-: 14 students** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers usingICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 1 | | | 16 | 01 | |
| Visiting faculties | | | | | |

2.1 Total No. of permanent faculty

2.2 No. of permanent faculty with Ph.D.: NIL

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty | 01 | | |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:
Guest lectures, PPT presentation,Exhibition, Group discussion are arranged for the students.Field trips are some ways of innovative method of teaching.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member:Annualy workshop has been organised at institutional level.

2.10 Average percentage of attendance of students | 75 |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

Maintaining of Teacher's Diary including the details of lectures and co-curricular activities conducted by every individual faculty. This helps to evaluate and monitor the pace of teaching and learning process classwise.

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 03 | NIL | NIL | NIL |
| Technical Staff | 01 | NIL | | |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year: -Nil

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

| 3.3.2 Ph. Ds awarded during the year | |
|---|---|
| Name of the Department | No. of Ph. Ds Awarded |
| Commerce | 01 |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

Under Research Cell, Faculty Development Program was organized for the faculties on the topic" Fundamentals of Research Methodology" on 30th January 2023 Prof SaurabhPunde guided the faculties related to basics of research methodology.

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | | |
| Non-Peer Review Journals | | | |
| e-Journals | 01 | | |
| Conference proceedings | | 02 | |

*Please provide the information in following formatas annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 01 | Prof.shridevi A. Pawar | Study of chatbot systems in the healthcare sector. | 2277-7830 | 22 september 2022 | |
| 02 | | | | | |

*Please provide scan copies of the papers publishedas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations:**NIL**

3.7 No. of books published i) With ISBN No. Nil Chapters in Edited Books Nil

ii) Without ISBN No. Nil

*Please provide the list of books authored by staff members in the format given belowas annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department: Nil

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource person :Nil

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year:Nil

*Please provide the scan copies of the certificatesas annexure*

3.18Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers:**Nil**

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)( JRF, SRF, Project Fellows, Any other):**Nil**

*Please provide the scan copies of letters receivedas annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | Nil | 1 | Nil | 02 |
| Presented papers | 1 | | Nil | Nil |
| Resource Persons | Nil | Nil | Nil | Nil |
| | | | | |

| **3.5 Collaborations** | | | |
|---|---|---|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year:Student exchange programme by National Institute of Stock Market | | | |
| Nature of Activity | Participant | Source of financial support | Duration |
| 01 | **80** | CSR activity | 10 hrs |
| | | | |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year | | | |

3.6.1 - **Extension activities carried out in the neighbourhood sensitising students to social issues**
**for their holistic development, and the impact there**
**of during the year**

- **Rakshabandan:**On 11th Aug 2022 our students celebrated Rakshabandanin the Vishrambaug Police Station with a purpose of expressing gratitude towards police officials.
- **NirmalyaSankalan:** In order to create environmental awareness among students while celebrating festivals and to learn human interactions in the society, College organized an activity named *"NIRMALYA SANKALAN"* on 5th September 2022 at KasbaPeth, Pune. During Ganesh festival, people use flowers, garlands in offering pooja or worship towards Lord Ganesh. Every day while offering new flowers and garlands, the used material called NIRMALYA is stored in the houses. Such material is collected by our students and given to Pune Municipal Corporation for converting it into compost.This year our students had collected 100 bags Nirmalya from different housing societies in KasbaPeth. 50 students from our Department actively participated in this activity.

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 1 | 01 | 50mbps | 01 | 01 | 01 | 01 | 50mbps | Printer/ Headphones / Tripod |
| | | | | | | | | | |
| Added | 0 | Laptop-9 | 30mbps | 01 | - | - | - | 30mbps | NIL |
| Total | 1 | 09 | 80 mbps | 02 | 01 | 01 | 01 | 80 mbps | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services
The department arranges seminar for students on various scholarships provided to students to socially backward classes and economically backward classes.

5.2 Efforts made by the Department for tracking the progression .
Alumni record has been maintained by the department to track the progress of the students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| | | | |

5.3 (a) Total Number of students

| | | | |
|---|---|---|---|
| | 33 | NA | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students : PG - 1

*Please provide the list of students, Gender, class, categoryas annexure*

UG

| | No | % | | No | % | |
|---|---|---|---|---|---|---|
| | | | Men | | | Women |

PG

| No | % | | No | % | |
|---|---|---|---|---|---|
| 14 | 42.42 | Men | 19 | 57.57 | Women |

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template):**Nil**

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year:**Nil**

5.2.3.3 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year :Nil

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance:
Counseling Session- Under the guidance of Vice – Principal Prof.Dr. M. D.Alandikar Sir, of Business Administration Campus and Prof.Shridevi.A.Pawar, H.O.D of M.Com(Ecommerce) Dept., held an Academic Guidance Session for M.Com(Ecommerce)Students. In this session Dr.Alandikar sir guided about Academic Importance, Academic Skill Enhancement, add on courses, Role of Discipline in our life, Communication Skills required for better employability, Professional attitude and also shared his Corporate experiences as well as Educational teaching experience which motivated students and it helps to encourage students about how to tackle future challenges relating to Employability. 150+ students were present for this session.

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities**

**12. Soft Skills:**

**2.Language and Communication Skills**:

Guidance Session on "Career with Foreign Languages" was conducted by Prof.AnuradhaPatil17thAugust 2023.

**3.Life Skills (Yoga, Physical fitness, Health and Hygiene)**
Sports Department celebrated National Sports Day where various indoor & outdoor games were organized for students. Nearly 350 students were participated from B.Com, BBA, BBA-CA, BBA-IB, M.Com and M.Com Ecommerce in this event.
**Awareness of Trends in Technology:**Guest session was conducted on 3 Oct 2022 by IANT with star certification as a part of CSR activity where students were selected for à free training in internet network and Technologies like training in software, cyber security, cloud computing, IOT.

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 01 | **Aarohan** | | College level | The event was inaugurated on 1st of February, in the presence of Dr. M.D Alandikar (Vice Principal, Business Administration Campus) and the Chief guests Shri Raj Kazi (Senior Sub editor, Sakal Media group), Shri MeghrajRajebhosale (President of AkhilBharatiya Marathi Chitrapat Mahamandal). |

*Please provide the scan copies related lettersas annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development
The department develop our own curriculum being autonomous keeping in view with current Industry requirements

6.3.2 Teaching and Learning :Various innovative methods of teaching has been adopted depending upon the subjects taught by the department.

6.3.3 Examination and Evaluation :Continuous Internal Evaluation through Experiential Learning, Group Discussion, PPT Presentation and online tests.

6.3.4 Research and Development:Under research cell various activities are held for students and teachers.Teachers guide the students to write research papers

6.3.5 Library, ICT and physical infrastructure / instrumentation:Well maintained departmental library has been set with various reference and text books.

6.3.6 Human Resource Management:Planning ,staffing is done according to the requirement of the department.Meetings and interaction of the staff is carried on as per the need

6.3.7 Faculty and Staff recruitment:Faculty and staff is been recruited by the management of the institutte

6.3.8 Industry Interaction / Collaboration:Efforts are been taken towards Industry interaction and collaboration

6.3.9 Admission of Students :Admission process has been taken place through Mograsys software at institutional level

6.11 Activities and support from the Alumni Association:
Department is working towards Alumni. No contribution from Alumni has been taken so far

6.12 Activities and support from the Parent – Teacher Association:Parent Teacher Association activities have not taken place

6.13 Development programmes for support staff:Training sessions has been provided for the support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly:Done at the institutional level

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department :Social week is organised every year to sensitise students towards society.

Visits to organisations which work for social backward classes or underprivileged is been organised.

7.4 Contribution to environmental awareness / protection:Environment exhibition is been organised for creating awareness towards eco friendly environment.

7.6 SWOC Analysis of the Department

Strength of Department

- Training students as per skill set required by industry & economy.
- Dynamic, well qualified teaching staff with professional & practical knowledge who tries to develop teaching techniques.
- Conducting numerous activities to improve & develop professional skills of students.
- Proper coordination & communication by placement cell regarding job opportunities.
- Availability of modern infrastructure & enriched library.
- Activities undertaken to instill the sense of social responsibility among the students.
- Introduction of Foreign Languages Course had been started in academic year 2018-19 with Spraj Institute.

**Weakness of Department**

- B.com is non-technical and traditional course, hence students from B.com

admitting to M.com (ecommerce) course are not well versed to handling and operating of computer.

- Also students find difficulty in understanding computer concept and

programming language

**Opportunities of Department**

- Organizing various skill based training programme to make the students employable.
- More focus on Placement,
  - Department can organises Skill development training program likeinterview techniques, soft skill to make student employable to industry
  - More practical oriented knowledge is given to student by arrangingindustrial visit.

Arranging more number of FDP/National /International Level conferences,**Challenges of Department**

- Explain the concept of computer and programming language in simpleways is challenge before department as most of students admitting toM.com (E-commerce) are from B.com, which is traditional andnon-technical, and they find difficulty in understanding programminglanguage concept.

8.**<u>Plans of Department for next year</u>**

- Conducting various soft skill programmes to enhance the employability skills of students and focusing forthcoming Career Opportunities.
- Associations / MOUs with different Institutes, Placement Agencies & Industries to enhance the approach with industrial sector as well as to develop Entrepreneurial Skills.
- Creating an engaged, strong & supportive Alumni.
- Planning for association with Tally Training Institute for the giving training of Basics, Advanced Tally ERP 9, Advanced Excel and GST Accounting to B.Com, M.com students.

*Name 1:* *Name and Signature of the Members, DIQAC*

*Name 2 :*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

# BBA

## PART A

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. M. D. Alandikar | HOD and Chairperson of DIQAC | 8308802322 | hodcommercesf@moderncollegepune.edu.in |
| 2 | Prof.Lawly Das | Member 1 | 7588273186 | dascommercesf@moderncollegepune.edu.in |
| 3 | Prof.Jasmeet Patil | Member2 | 9822313786 | patilcommercesf@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty 03

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ **Workshops**/Symposia organized by the Department

Total Nos. 10 International National State Institution Level 10

(ii) Themes:

1. Enhancing Employability Skills Training Session of Barclays-IAHV Life Skills Project on 22/08/2022
2. Employee Engagement Program of Barclays on 23/08/2022
3. National Conclave on Funding and Financing Start Ups by Symbiosis College of Arts and Commerceon 30/08/2022
4. Entrepreneurship Development Event **Udyamita – Let's Grow** on16/09/2022
5. Orientation Program of Make my Career Program of WCF's Training Program of Industrial Based Finance and Accounting on 11/01/2023
6. Orientation Program of Cognitive Exchange Folsom, California, USA on 28/01/2023
7. **FDP by Research Cell Committee on the topic:**Fundamentals of Research Methodology on 30/01/2023
8. **ED Camp by ED Cell** on 22/02/2023, 23/02/2023 & 24/02/2023
9. **FDP by Staff Academy Cell Committee on the topic:** Scientific Meditation for Holistic Development on 25/02/2023
10. Employee Engagement Program of AXA Go Business Services Pvt. Ltd. on 24/03/2023

*Pl attach a Conference report as annexure*

1.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Exhibition on 75th year of India's IndependenceKALEIDOSCOPE: Freedom of Expression on 13/08/2022
2. Enhancing Employability Skills Training Session of Barclays-IAHV Life Skills Project on 22/08/2022
3. Employee Engagement Program of Barclays on 23/08/2022
4. National Conclave on Funding and Financing Start Ups by Symbiosis College of Arts and Commerce on 30/08/2022
5. Orientation Program of Hyper Verge Academy on15/09/2022
6. Entrepreneurship Development Event **Udyamita – Let's Grow** on16/09/2022

7. Industrial Visit to **Parle G Factory**&**Katraj Dairy** on 4/10/2022
8. Industrial Visit to **Shivam Cartons**&**RamsonRubtech**on 10/10/2022
9. **BBA AAA** by **CEDA** for AY 2020-2021 on 11/10/2022
10. Orientation Program of Make my Career Program of WCF's Training Program of Industrial Based Finance and Accounting on 11/01/2023
11. **Social Week** from 16/01/2023 – 20/01/2023
12. Orientation Program of Cognitive Exchange Folsom, California, USA on 28/01/2023
13. Industrial & Labour Court Visit on 30/01/2023
14. **FDP by Research Cell Committee on the topic:** Fundamentals of Research Methodology on 30/01/2023
15. Annual College Fest: Aarohan - Exploring the Limitless Talent on 1/02/2023 – 4/02/2023
16. **Moot Court Competition** on 6/02/2023
17. **ED Camp by ED Cell** on 22/02/2023, 23/02/2023 & 24/02/2023
18. **FDP by Staff Academy Cell Committee on the topic:** Scientific Meditation for Holistic Development on 25/02/2023
19. Employee Engagement Program of AXA Go Business Services Pvt. Ltd. on 24/03/2023
20. **BBA AAA** for AY 2021-2022 on 10/04/2023
21. **BBA BOS** on **Syllabus Framework as per NEP 2020 Guidelines** for AY 2023-2024 on 15/05/2023

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards qualityenhancement and the outcome achieved by the end of the year

| Plan of Action | Achievements |
|---|---|
| Academic Calendar is prepared during the beginning of the year | A report is prepared of all the activities conducted by the Dept. for the quality enhancement of the department & duly submitted to IQAC |

** Attach the Academic Calendar of the year as Annexure*

**PART B**

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | | | | |
| UG | **01** | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | | | | |
| Others | | | | |
| **Total** | **01** | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year: **01**
(BBA BOS on Syllabus Framework as per NEP 2020 Guidelines for AY 2023-2024)

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: **Nil**

1.2.1 Number of new courses introduced across all programmes offered during the year: **Nil**

1.2.2 Number of Programmes offered through Choice Based Credit System

(CBCS)/Elective Course System: **Nil**

| | |
|---|---|
| 1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year | **Nil** |

1.3.2 Field Projects / Internships under taken during the year

| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
|---|---|
| **TY BBA Projects** | **196** |

**Criterion – II**

**2. <u>Teaching, Learning and Evaluation</u>**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data): **100%** | **Total** | **Asst. Professors** | **Associate Professors** | **Professors** | **Others** |
| | **03** | **03** | **Nil** | **Nil** | **Nil** |

| **Number of teachers on roll** | **Number of teachers using ICT *(LMS, e-Resources)*** | **ICT tools and resources available** | **Number of ICT enabled classrooms** | **Number of smart classrooms** | **E-resources and techniques used** |
|---|---|---|---|---|---|
| 10 | 10 | 5 Laptops, Wi-Fi enabled class rooms | 06 | Nil | E-Resources like web links of important study sites are shared with the students and methodologies like power point presentations, audio, video, case studies, GD, chalk & talk, business project plan preparation, etc. are been used in the class. |

2.1 Total No. of Permanent Faculty

2.2 No. of permanent faculty with Ph.D.: **Nil**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| **Asst. Professors** | | **Associate Professors** | | **Professors** | | **Others** | | **Total** | |
|---|---|---|---|---|---|---|---|---|---|
| **R** | **V** | **R** | **V** | **R** | **V** | **R** | **V** | **R** | **V** |
| **02** | **02** | ----- | ----- | ---- | ----- | ----- | ----- | ----- | ----- |

2.4 No. of Guest and Visiting faculty and Temporary faculty **Nil** **04** **07**

*Pl. Provide the list of visiting faculty as annexure*

1. Prof. Shamla Bhasme
2. Mrs. Sneha Karandikar
3. Prof. Swapna Tekale
4. Prof. Priyanka Babar

**2.4.2 Honours and recognitions received by teachers**

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year):* **Nil**

2.5 Faculty participation in conferences and symposia:**Nil**

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Usage of OHP, Power Point presentations
2. Conduct of assignments, tutorials, class room tests and group discussions on case studies
3. Conduct of Career Guidance and counselling activities as a part of regular timetable which help students to acquire potentials to mould them according to their future goals and ambitions
4. Conduct of sports and games to students to make them strong physically and mentally which indirectly helps to improve the learning skills
5. Establishing MOU's with industry and academia so as to conduct certification programmes which helps the students to bridge the gap between the industry requirements and the concepts they obtained as a part of the core curriculum
6. To impart social responsibility in students through Social Week activities.
7. Through organizing industrial visits to various companies which help students to gain real experience about the outside world
8. Conduct co-curricular activities like Mind - Mapping presentations, research project presentations, etc. to build competitive and organizational skills in the students
9. Conduct of remedial for slow learners so as to improve the learning skills of the student
10. Deputation of students to conferences, seminars and workshops which in turn helps the students to acquire paper presentation /preparation, communication and event participation skills

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus developmentas member of Board of Study / Faculty/Curriculum Development

workshop/sub-committee member: **10**

(BBA BOS on Syllabus Framework as per NEP2020 Guidelines for AY 2023-2024)

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1 | Prof.Lawly Das | BOS Chairperson | 15/05/2023 |
| 2 | Prof.JasmeetPatil | BOS Member | 15/05/2023 |
| 3 | Prof.SnehalMirajkar | BOS Member | 15/05/2023 |
| 4 | Prof.UrmilaKarale | BOS Member | 15/05/2023 |
| 5 | Prof. (Dr.) UjwalaSardaSoni | BOS Member | 15/05/2023 |
| 6 | Prof. (Dr.) Ashish Gade | BOS Member | 15/05/2023 |
| 7 | Prof.KaustubhSonawane | BOS Member | 15/05/2023 |
| 8 | Prof. Padma Kandarkar | BOS Member | 15/05/2023 |
| 9 | Prof. Prakash Jawahire | BOS Member | 15/05/2023 |
| 10 | Prof.VidhyasagarBansode | BOS Member | 15/05/2023 |

2.10 Average percentage of attendance of students **75%**

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes: By conducting regular meetings and seeking student feedback after every semester

2.13 Initiatives undertaken towards faculty development by the department:

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | **01** | **Nil** | **Nil** | **Nil** |
| Technical Staff | **01** | **Nil** | **Nil** | **Nil** |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year: **Nil**

3.2.3 Number of teachers recognised as research guides: **Nil**

3.3.1 Incentive to the teachers who receive recognition/awards: **Nil**

| 3.3.2 PhDs awarded during the year: **01** | |
|---|---|
| **Name of the Department** | **No. of PhDs Awarded** |
| **BBA** | **01** |

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution:

**FDP by Research Cell Committee on the topic:** Fundamentals of Research Methodology on 30/01/2023.

The speaker, Prof.SaurabhPunde (Assistant Professor, Modern College of Arts, Commerce & Science, (Autonomous) Shivajinagar, B. A. Campus) conducted this session for the faculties with an intention to make them aware of the basics of research. The session provided necessary inputs in the form of knowledge of research process to motivate teachers and develop the desire to expand in the field of research.

The session provided knowledge of basic research methodologies, types of research and tools used for research investigations. This guidance was quite helpful for preparation of research proposal and for writing research articles.

3.2 Details regarding major projects: **Nil**

3.3 Details regarding minor projects: **Nil**

3.4 Details on research publications in current academic year:**Nil**

*Please provide the information in following format as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year: **Nil**

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/Web of Science or Pub Med/Indian Citation Index: **Nil**

3.3.6 h-index of the Institutional Publications during the year (based on Scopus/Web of science): **Nil**

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: **Nil**

3.7 No. of books published i) With ISBN No. **Nil** Chapters in Edited Books **Nil**

ii) Without ISBN No. **Nil**

*Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes/Books published, and papers in National/International Conference Proceedings per Teacher during the year:**Nil**

3.10 Consultancy provided by the Department: **Nil**

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department: **Nil**

3.12 Details faculty served as experts, chairpersons or resource persons: **Nil**

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations: **Nil**

3.14 Details of linkages created during this year: **Nil**
*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year: **Nil**

3.17 No. of research awards / recognitions received by faculty and research fellows of the staff members in the year: **Nil**
*Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them: **Nil**
*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers: **Nil**

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other): **Nil**
*Please provide the scan copies of letters received as annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year:**Nil**

| **3.5 Collaborations** | | | |
|---|---|---|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the Year: **Nil** | | | |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year: **Nil** | | | |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year | | | |
| **Organisation** | **Date of MoU signed** | **Purpose and Activities** | **Number of students/teachers participated under MoUs** |
| Cognitive Exchange Folsom, California, USA | 28/11/2022 | Orientation Program | 40 |
| ICFAI Business School | 10/01/2023 | 5 days certification programme on **'Supply Chain Analytics'**for BBA (IB) students | 35 |
| | | Workshop on Group discussion and personal interview for BBA students | 50 |

3.6.1 Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year: **Nil**
**Criterion – IV**

## 4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

| | **Total Computers+ Laptops** | **Computer Labs** | **Internet** | **Browsing Centres** | **Computer Centres** | **Office** | **Departments** | **Available Bandwidth** | **Others** |
|---|---|---|---|---|---|---|---|---|---|
| **Existing** | **01+05** | **01** | **80** | ----- | **01** | **01** | **01** | **80** | **Printer/Router/Switch** |
| **Added** | **Nil** | **Nil** | **Nil** | ----- | ----- | ----- | ----- | ----- | ----- |
| **Total** | **06** | **01** | **80** | ----- | **01** | **01** | **01** | **80** | |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

- Conducted offline counselling sessions for the FY, SY and TY BBA students.
- Organized anexhibition for the BBA students on the 75th year of India's Independence followed by various competitions based around the theme ***KALEIDOSCOPE: Freedom of Expression.***
- Conducted employability skills training program of Barclays Bank for TY BBA students.
- Conducted guidance session for TY BBA female students on soft skills, resume writing, career related questions, etc. under the **Barclay's Employee Engagement Program**under Women Empowerment Program of Barclay's-IAHV life skills project.
- Took TY BBA students to attend the**National Conclave on Funding and Financing Start Ups** organised by **Symbiosis College of Arts and Commerce**. Students learned about sources of finance for start-ups, various venture capitalist organisations who provides finances for start-ups, etc.
- Conducted **Hyper Verge Academy Fellowship Program** for BBA students who are seeking to pursue a career in the IT industry and enabling learners to become job ready by helping them to gain industry relevant technical and communication skills.
- Conducted Entrepreneurship Development Event **Udyamita – Let's Grow**for TY BBA studentswhere they experienced and learnt various entrepreneurship skills through this event.
- Conducted industrial visits to **Parle G Factory**,**Katraj Dairy, Shivam Cartons** &**RamsonRubtech**for the students of TY BBA.
- Conducted Orientation Program of **Make my Career Program of WCF's Training Program of Industrial Based Finance and Accounting**for TY BBA students to improve their employability skills & make them job ready product in F&A domain.
- Conducted**Orientation Program of Cognitive Exchange Folsom, California, USA** for the BBA students to help them enhance key life skills like communication, organization, and leadership.
- Took SY BBA students for the **Industrial & Labour Court Visit** wherethey keenly observed the court functioning and heard the cases at various stages in different courts.
- Organised **Moot Court Competition** for the SY BBA students where they were given a case study on law and as a team they were involved in research, draft, and arguments for the case as an Appellant & Respondent.
- Organised**Entrepreneurship Development Camp** for all students and the objective of the camp was to create awareness among students about entrepreneurship as a career choice and inform them about business opportunities.
- Arranged an industrial visit to **AXA Go Business Services Pvt. Ltd** at Viman Nagar, Pune for the female students of TY BBA on account of Women's Day week celebration in AXA. This was organised under their employee engagement program under CSR activity of AXA Go in collaboration with IAHV.

5.2 Efforts made by the Department for tracking the progression:

Examination and Evaluation of the TY BBA Projectsand Viva-Voce Exams were conducted and students were asked to prepare and submit their project reports.

5.3 (a) Total Number of students

| UG | PG | Ph.D. | Others |
|---|---|---|---|
| 679 | ----- | ----- | ----- |

(b) No. of students outside the state **05**

*Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students **01**

*Please provide the list of students, Gender, class, category as annexure*

| No | % |
|---|---|
| 421 | 62% |

Men

| No | % |
|---|---|
| 258 | 38% |

Women

5.2.1 Number of outgoing students who got placement during the year

| Name of student placed with his/her contact details | Programme completed | Name of the employer with contact details | Pay package at the time of appointment |
|---|---|---|---|
| **JanyaKarampuduKarampudi** (9970945707) | **BBA (Finance)** | **TCS BPS** | **3 LPA** |
| **Aditya Dalvi**(9764499104) | **BBA (Finance)** | **No Broker** | **8.5 LPA** |
| **SnehaSakhare** (8888591953) | **BBA (Finance)** | **Clean Harbors India** | **3 LPA** |
| **ParthRaorane**(8624891434) | **BBA (Finance)** | **State Street HCL Services** | **3 LPA** |

| *On campus* | | | *Off Campus* |
|---|---|---|---|
| **Number of Organizations Visited** | **Number of Students Participated** | **Number of Students Placed** | **Number of Students Placed** |
| **Nil** | **Nil** | **Nil** | **04** |

5.2.3 Number of students qualifying in state/ national/ international level examinations during the year (data template): **Nil**

5.2.3.1 Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/GATE/GMAT/CAT/GRE/TOEFL/CivilServices/Stategovernment examinations) during the year: **Nil**

5.2.3.2 Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/CivilServices/Stategovernment examinations) during the year: **Nil**

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance:

- A guidance session on **Enhancing Employability Skills Training of Barclays-IAHV Life Skills Project** was conducted for the TY BBA students.This training program was on how to face the interview as well as how to write the resume and the questions going to be asked in the interview.
- Under the **Employee Engagement Program of Barclays**, an online session was conducted for the TY BBA female students. They were individually guided by Barclay's employees on soft skills, resume writing &career related questionsin the breakout room.
- An **Orientation Program of Hyper Verge Academy** was organised for the BBA students who enabled learners to become job ready by helping them to gain industry relevant technical and communication skills. The aim of the program was to help students to secure job and internship after providing technical training to the students.
- TYBBA students participated in the **Orientation Program of Make my Career Program of WCF**. Under Make my Career Program of WCF, industrial based training program in Finance & Accounting was conducted in the classroom in online mode for the final year BBA students. The objective of the training program was to help students to improve their employability skills & make them job ready product in F&A domain.
- Under the **Student Development Program** activity by IBS, Pune for the TY BBA students, a guest lecture was conducted on **Group Discussion & Personal Interview** where the speaker discussed some tips regarding communication and presentation skills required for interview and overall personality development among students. He also highlighted how to face the interview.
- An industrial visit was organised to **AXA Go Business Services Pvt. Ltd.** at Viman Nagar, Pune for the female students of TY BBA on account of Women's Day week celebration in

AXA. This was organised under their employee engagement program under CSR activity of AXA Go with collaboration of IAHV. It is a project of women empowerment & celebration of women's month on account of International Women's Day. The female students of TY BBA participated in the visit. The sessions on resume writing, interview skills & career opportunities in finance domain were conducted by AXA employees for the final year BBA students.

5.1.3 The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

13. Soft Skills
14. Language and Communication Skills
15. Life Skills (Yoga, Physical fitness, Health and Hygiene)
16. Awareness of Trends in Technology

| **Name of the Capacity Development and Skill Enhancement programme** | **Year of implementation** | **Number of students enrolled** | **Name of the agencies/consultants involved with contact details, if any** |
|---|---|---|---|
| Enhancing Employability Skills Training Session of Barclays-IAHV Life Skills Project | 22/08/2022 | 60 | Ms.LeenaPadhye and Ms.Mrunal Patel from Barclays Bank |
| Employee Engagement Program of Barclays | 23/08/2022 | 23 | Employees of Barclays |
| National Conclave on Funding and Financing Start Ups | 30/08/2022 | 40 | Symbiosis College of Arts and Commerce |
| Orientation Program of Hyper Verge Academy Fellowship Program | 15/09/2022 | 30 | Mr.ArunKadekodi, Ms.SonaliMaheshwari and Mr.SanjeevDharap from Hyper Verge Academy |
| Entrepreneurship Development Event **Udyamita – Let's Grow** | 16/09/2022 | 180 | ----- |
| Orientation Program of Make my Career Program of WCF's Training Program of Industrial Based Finance and Accounting | 11/01/2023 | 40 | Ms.Cheryl Decosta (HR), Mr.Venkateshan (Finance & Accounting Trainer) |
| Career Opportunities in Investment Banking | 24/01/2023 | 78 | Mr.DharmeshDoshi (Sr. Vice President, Imarticus Learning Pvt. Ltd.) |
| Group Discussion & Personal Interview | 27/01/2023 | 64 | Mr.YogeshBorse (Area Manager of ICFAI Business School) |
| Orientation Program of Cognitive Exchange Folsom, California, USA | 28/01/2023 | 40 | Dr. Amit Deokule (Director of CE Expansion, India) |
| Industrial & Labour Court Visit | 30/01/2023 | 16 | ----- |
| Moot Court Competition | 06/02/2023 | 60 | ----- |
| Entrepreneurship Development Camp | 22/02/2023 to 24/02/2023 | 80 | Ms.SandeepaKanitkar (Chairperson and MD, KanBiosis, Pune) |
| Employee Engagement Program of AXA Go Business Services Pvt. Ltd. | 24/03/2023 | 17 | Employees of the AXA Go Business Services Pvt. Ltd |

5.1.4 Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

| **Name of the Activity conducted by the HEI to offer guidance/coaching for competitive examinations during the year** | | **Name of the Activity conducted by the HEI to offer guidance / coaching for career counselling during the year** | **Number of students placed through campus placement** | | **Link to the relevant document (s)** |
|---|---|---|---|---|---|
| **Name of the Activity** | **Number of students who attended / participated** | **Details of career counselling** | **Number of students who attended / participated** | | |
| ----- | ----- | Enhancing Employability Skills Training Session of Barclays-IAHV Life Skills Project | **60** | **04** | |
| | | Employee Engagement Program of Barclays | **23** | | |
| | | National Conclave on Funding and Financing Start Ups | **40** | | |
| | | Orientation Program of Hyper Verge Academy Fellowship Program | **30** | | |
| | | Entrepreneurship Development Event **Udyamita – Let's Grow** | **180** | | |
| | | Orientation Program of Make my Career Program of WCF's Training Program of Industrial Based Finance and Accounting | **40** | | |
| | | Career Opportunities in Investment Banking | **78** | | |
| | | Group Discussion & Personal Interview | **64** | | |
| | | Orientation Program of Cognitive Exchange Folsom, California, USA | **40** | | |
| | | Entrepreneurship Development Camp | **80** | | |
| | | Employee Engagement Program of AXA Go Business Services Pvt. Ltd. | **17** | | |

5.11 Student organised/initiatives: **Nil**

*Please provide the scan copies related letters as annexure*

**Criterion – VI**

**6. <u>Governance, Leadership and Management</u>**

| **6.3 Faculty Empowerment Strategies** | | |
|---|---|---|
| 6.3.1 Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year: **Nil** | | |
| 6.3.2 Number of professional development/administrative training programmes organized by the College for teaching and non-teaching staff during the year: **Nil** | | |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year | | |
| **Title of the professional development programme** | **Number of teachers who attended** | **Date and Duration (from – to)** |
| FDP on **Fundamentals of Research Methodology** | **35** | 30/01/2023 (One Day) |
| FDP on **Scientific Meditation for Holistic Development** | **50** | 25/02/2023 (One Day) |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: The BBA Dept. has included the following while framing the syllabus Viz. Experiential Learning, Field Work, Tutorials and Continuous Evaluation.Industry experts have been invited in the BOS for FY BBA (NEP) syllabus designing.
6.3.2 Teaching and Learning: The teaching learning comprised of revision lectures, remedial classes, solving previous year's question papers, conducting industrial visits, Labour Court Visits, organising Moot Court Competition, Entrepreneurship Development Camp, and Entrepreneurship Development Events.
6.3.3 Examination and Evaluation: The CIE and the ESE Examination and Evaluation were effectively carried out with the preparation of the Examination Calendar, formation of Squad Committee during the ESE, CIE was conducted in hybrid mode, and online result declaration.
6.3.4 Research and Development: Faculty members have been encouraged to write research papers and many faculties have enrolled for PhD.
6.3.5 Library, ICT and physical infrastructure/instrumentation: N-List id'shave been created for faculties. Additional facilities for students and staff are gym with state of the art facilities, canteen, computer laboratory and reading room for staff.
6.3.6 Human Resource Management: As per teaching workload, faculties were appointed according to the requirements of the department. The Dept. has qualified, experienced and trained teaching and non-teaching staff support.
6.3.7 Faculty and Staff recruitment: As per the Dept.'s available workload.
6.3.8 Industry Interaction/Collaboration: Guest speakers from the industries have been invited to interact with the students.
6.3.9 Admission of Students: On merit basis and as per Govt. guidelines.
6.10 Activities and support from the Alumni Association: **Nil**
6.11 Activities and support from the Parent – Teacher Association: **Nil**

6.12 Development programmes for support staff: Support staff were trained in online admission process and examination process. Online filling up of scholarship forms were also done by the support staff with prior training.
6.13 Initiatives taken by the institution to make the campus eco-friendly: **Nil**

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

- Observance of the 75th year of India's independence by organising an exhibition for the students named **KALEIDOSCOPE: Freedom of Expression.**
- Students have been trained on soft skills by the Barclay's Bank as a part of their CSR activity and WNS Care foundation's Make my Career Program in order to improve their interview skills and resume writing to enhance their employability skills.
- OrganisedEntrepreneurship Development Event **Udyamita – Let's Grow** to encourage students to set up stalls of a variety of food delicacies, games, products and much more, thus enabling them to learn various entrepreneurship skills.
- Organised industrial visits, labour court visit, moot court competition to enable students learn Business Law with more interest.
- Organised **Entrepreneurship Development Camp** to create awareness among the students about entrepreneurship as a career choice and inform them about business opportunities.
- Department is promoting the use of technology and is well equipped with ICT Facility (Laptop, Projectors, Wi-Fi).

7.4 Contribution to environmental awareness/protection: EVS subject has been introduced for professional Commerce courses.
7.6 SWOC Analysis of the Department

**<u>STRENGTH</u>**

- Qualified, Experienced and Dynamic faculties.
- Good & Supportive Administration System.

- Maximum Curricular & Co-Curricular Activities.
- Regular conduct of Skill Improvement Programmes.
- Good Placement Cell.
- Good Infrastructure.
- ICT enabled classrooms.
- Well Equipped Library.
- Regular conduct and participation in FDP.
- Entrepreneurship Development Activities.

**WEAKNESS**

- Research Activities amongst students & faculties.
- Involvement of Alumni.

**OPPORTUNITIES**

- Department has the capability of undertaking Minor/Major/Government funded research projects.

**CHALLENGES**

- Building Student-Teacher rapport especially with the International students
- Students from vernacular background and International students face difficulties in understanding the subjects due to non – proficiency in English language.

**8. Plans of Department for next year**

- To associate with more experts from industrial and commercial sectors to enhance the employabilityof the students.
- To provide maximum lab hours for enhancing practical knowledge-base of students.
- More practical oriented approach towards teaching and learning process.
- Developing employability skills amongst students by introducing more Skill Improvement Programmes.
- Specially designed FDP's.
- Efforts to be maximised for Industry-Academia collaboration.
- Creating an engaged, strong & supportive Alumni.
- Academic Visits to renowned institutions of the country for observing their best practices.

*Name 1:* **Prof.Lawly Das** *Name:* **Dr. M. D. Alandikar**

*Name 2:* **Prof.JasmeetPatil**

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

**Lecture - 1**

**Topic:** Offline Counselling Session for FY BBA

**Date:** 4th August 2022

**Name of Speakers:** Dr. M. D. Alandikar (Vice-Principal, BA Campus), HOD (BBA)

**Class:** FY BBA (A, B, C)

**Number of Attendees:** 75

**Description:** This session was planned for FY BBA students to make them familiar with subject teachers, exam patterns, credit structures, admission requirements, etc. Vice-Principal's address and H.O. D's speech helped the students transition from junior to senior college. The session was good to familiarize them with the campus, exams and different activities. It worked as a strong foundation for the beginning of their 3-year-long journey at the campus.

**Lecture - 2**

**Name of Event:** KALEIDOSCOPE: Freedom of Expression

**Date:** 13th August 2022

**Chief Guest for Inaugural Function:** (Retd.) Major Ravi Vichare

**Class:** FY, SY & TY BBA

**Number of Attendees:** 500

**Description:** On our 75th year of independence, the BBA department had organised an exhibition KALEIDOSCOPE: Freedom of Expression on 13th of August 2022.

The events organised were as follows: -

1. **Kalpana -** Poster making competition.

2. **Bharat Katha -** It was a Duo Quiz competition. The theme of the quiz was Indian independence.

3. **Dancing -** For dancing events, participants were requested to record their dance video which was shown on the day of the event.

4. **Singing -** Singing event was held live on the day of exhibition.

5. **Speech -** In this event participants had to give a speech. The theme was patriotism.

**Lecture - 3**

**Topic:** Enhancing Employability Skills Training Session of Barclays-IAHV

Life Skills Project

**Date:** 22nd August 2022

**Name of Speakers:** Ms. Leena Padhye and Ms. Mrunal Patel

**Class:** TY BBA

**Number of Attendees:** 60

**Description:** Enhancing employability skills training program is a part of the CSR project of Barclays Bank. IAHV is its authorized training partner through which training programs are conducted for the youth under Barclays - IAHV life skills project.

This training program is based on how to face the interview as well as how to write the resume. What are the questions going to be asked in the interview? It was an interactive session. The training session will help the students to enhance their employability skills.

**Lecture - 4**

**Topic:** Employee Engagement Program of Barclays in Online Mode

**Date:** 23rd August 2022

**Name of Speakers:** Employees of Barclays

**Class:** TY BBA (Female Students)

**Number of Attendees:** 23

**Description:** TY BBA female students participated in an online industrial visit of Barclays employee engagement program. This activity had been mainly organized for female students under the women empowerment program of Barclays-IAHV life skills project. The session was online, there were two rooms, main room, and breakout room. Students were individually guided by Barclays employees on soft skills, resume writing, career related questions in breakout room. Feedback of the session was shared by students and Barclays employees in the main room. The session was very interactive, it was a nice experience for the students to interact with the corporate people.

**Barclays -** IAHV life skills project is a part of the CSR project of Barclays Bank. IAHV is its authorized training partner through which training programs are conducted for the youth under Barclays - IAHV life skills project. Under employee engagement program, online industrial visit on Zoom platform had been conducted for the final year female students of BBA dept.

**Lecture - 5**

**Topic:** Offline Counselling Session for SY BBA

Date: 24th August 2022

**Name of Speakers:** Dr. M. D. Alandikar (Vice-Principal, BA Campus), HOD (BBA)

**Class:** SY BBA (A, B, C)

**Number of Attendees:** 150

**Description:** During the counselling session of SY BBA, Vice Principal sir guided the students on how the practical approach and involvement in the activities will help the students to develop their communication skills. He also shared various experiences with the students to explain the importance of staying focused in their studies to become successful in their life.

**Lecture - 6**

**Topic:** Offline Counselling Session for TY BBA

**Date:** 25th August 2022

**Name of Speakers:** Dr. M. D. Alandikar (Vice-Principal, BA Campus), HOD (BBA)

**Class:** TY BBA (A, B, C)

**Number of Attendees:** 100

**Description:** Under the guidance of Vice Principal Prof. Dr. M.D. Alandikar, the Department of BBA organised an offline counselling session for TY BBA students. The Vice Principal highlighted the importance of good communication skills and its necessity in their career in the future. He also guided them with techniques to develop their communication skills. He shared various experiences with the students to explain the importance of staying focused in their studies. The session concluded with the distribution of certificates to the students who had qualified in the Make my Career Program of WNS in the last academic year.

**Lecture - 7**

**Topic:** National Conclave on Funding and Financing Start Ups

**Date:** 30th August 2022

**Venue:** Symbiosis College of Arts and Commerce

**Class:** TY BBA

**Number of Attendees:** 40 students + 2 Faculty Members

**Description:** Under the guidance of Dr. Milind Alandikar and Prof. Lawly Das TY BBA students attended the National Conclave on Funding and Financing Start Ups organised by Symbiosis College of Arts and Commerce. Students learned about sources of finance for start-ups, various venture capitalist organisations who provide finances for startups, etc. Students had a very good learning and experience throughout the workshop. Around 40 students along with 2 faculties Prof. Snehal Mirajkar and Dr. Ujwala Soni represented the college.

**Lecture - 8**

**Topic:** Orientation Program of Hyper Verge Academy

**Date:** 15th September 2022

**Name of Speakers:** Mr. Arun Kadekodi, Ms. Sonali Maheshwari and Mr. Sanjeev Dharap

**Class**: FY, SY and TY BBA

**Number of Attendees:** 30

**Description:** The Hyper Verge Academy Fellowship Program is open to anyone who is seeking to pursue a career in the IT industry and have basic knowledge about computer programming.

Hyper Verge Academy enables learners to become job ready by helping them to gain industry relevant technical and communication skills.

The aim of the program is to help the students to secure jobs and internships after providing technical training to the students.

Software Developer mentors from various IT industries guided the students in online mode (daily 30 min). It was free of cost training based on CSR activity. After the completion of the training program, Hyper Verge will provide placement support to the students.

**Entrepreneurship Day**

**Topic:** Entrepreneurship Development Event Udyamita - Let's Grow

**Date:** 16th September 2022

**Class:** TY BBA (A, B & C)

**Number of Attendees:** 180

**Description:** BBA Department successfully organised the Entrepreneurship Day on 16th September 2022. In this event students had set up stalls of a variety of food delicacies, games, products and much more. Students experienced and learnt various entrepreneurship skills through this event. There were around 45 stalls put up by the students. It was a great learning for the students on the subject Entrepreneurship Development.

**Field Visit - 1**

**Business Exposure:** Industrial Visit to Parle G Factory & Katraj Dairy

**Date:** 4th October 2022

**Class:** TY BBA (A, B & C)

**Number of Attendees:** 180

**Description:** This offline industrial visit was particularly planned for TY BBA students to motivate and make them aware of different dairy businesses and different biscuits manufacturing companies. Students enjoyed the industrial visit and got to learn many things. Students got the opportunity to interact with industry experts and meet entrepreneurs, policymakers, etc. It provided students with an opportunity to learn practically through interaction, working methods, and employment practices. It gave them exposure to current work practices as opposed to possibly theoretical knowledge being taught at college.

**Field Visit - 2**

**Business Exposure:** Industrial Visit to Shivam Cartons & Ramson Rubtech

**Date:** 10th October 2022

**Class:** TY BBA (A, B & C)

**Number of Attendees:** 184

**Description:** This industrial visit was organized at Shivam Cartons & Ramson Rubtech for TY BBA students. During the industrial visits, the students got an opportunity to experience how professionals live, learnt about various management concepts like Just in Time or Lean Manufacturing and how they are put into action. It is not easy to manage hundreds of skilled and unskilled workers at the same time and meet the stringent quality norms and production targets of the company. How managers, production engineers, employees work in tandem to achieve a common target is a management lesson. And therefore, such exposure during the industrial visit was quite beneficial for the BBA students.

BBA AAA by CEDA for AY 2020-2021

**Date:** 11th October 2022

**Name of Auditors:**

1) Dr. Beena Inamdar (Member, Executive Committee, CEDA)
2) Prof. A. G. Gosavi (Member, Executive Committee, CEDA)

Description: The auditors reviewed the academic and administrative processes in the Dept. of BBA and gave recommendations on enhancing the quality of academic activities. They also assessed the policies, strategies & functions of the various administrative departments.

**Lecture - 9**

**Topic:** Orientation Program of Make my Career Program of WCF's Training Program of Industrial Based Finance and Accounting

**Date:** 11th January 2023

**Name of Speakers:** Cheryl Decosta (HR), Mr. Venkateshan (Finance & Accounting Trainer)

**Class:** TY BBA

**Number of Attendees:** 40

**Description:** TYBBA students participated in the orientation program of Make my Career Program of WCF.

WNS Care Foundation is the CSR activity of WNS. Under the Make my Career Program of WCF, an industrial based training program in Finance & Accounting was conducted in the classroom in online mode for the final year BBA students.

The objective of the training program was to help students to improve their employability skills & make them job ready products in the F & A domain. It was a free of cost certification course in Finance & Accounting for the duration of 40 hours.

**Social Week**

**Date:** 16th January - 20th January 2023

**Name of Speakers:** Shri. Anand Saraf, Mr. Balaji Dhanve, Dr. Milind Bhoi,

Dr. Niraj Kamthe, Mrs. Manisha Shende

**Class:** BBA, BBA (IB), BBA (CA), B. Com (SF)

**Number of Attendees:** 110

**Description:** Social Week was celebrated from 16th Jan to 20th Jan 2023 in the Business Administration Campus. In the inauguration ceremony, Mr. Sunil Mali (Editor of Dainik Pudhari) was present as the Chief Guest. In the Social Week following social issues were covered by renowned speakers from different fields:

a) g[' fOH'ु;` □□□□ by Shri. Aanand Saraf (Senior Journalist and Social Activist)

b) dhVH □र□ A[U OrdZर□ by Shri. Balaji Dhanve (Sr. Inspector, RTO, Pune)

c) ^र□` `ुdH A[U ì`gZ ु ^र□ by Dr. Milind Bhoi (ENT Surgeon, Pune)

d) A[Xe OrdZ nÕVr A[U □□□ि`ु;` by Dr. Neeraj Kamthe (M.D. Ayu.)

e) Cyber Crime and Crime Against Women by Mrs. Manisha Shende (Senior Police Inspector, Pune)

Also, 22 boxes of clothes, toys, stationery items, books, etc. were collected and donated to **Goodwill India Foundation, Pune**. On 20th Jan 2023 a Socio-Cultural Program was organized by the students and performed theme-based dances and street plays. Prof. Sangeeta Mavale, Prof. Sonali Raut, Prof. Kaustubh Sonawane, Prof. Ashish Gade, Prof. Ashish Sartape were the faculty coordinators for this event and 110 Students participated as volunteers for this event.

**Lecture - 10**

**Topic:** How to Avail 100% Scholarship to Study Abroad

**Date:** 23rd January 2023

**Name of Speaker:** Mr. Subhash Pol

**Class:** SY BBA

**Number of Attendees:** 110

**Description:** Mr. Subhash Pol (Business Development Manager at EDWISE International, Pune) spoke on various types of scholarships and criterion to avail these scholarships followed by Q&A.

**Lecture - 11**

**Topic:** Career Opportunities in Investment Banking

**Date:** 24th January 2023

**Name of Speaker:** Mr. Dharmesh Doshi (Sr. Vice President, Imarticus Learning Pvt. Ltd.)

**Class:** TY BBA

**Number of Attendees:** 78

**Description:** This guest lecture was particularly planned for TY BBA students to impart them knowledge about investment banking services and make them aware of the different career opportunities in this field.

The guest speaker elaborated on the functions of investment banks and career opportunities at different levels. 78 students from TY BBA attended this 1-hour session and benefited from it.

The students not only acquired knowledge of investment banking services but also identified various career options available in the industry along with necessary training and certifications required to start career in investment banking.

**Lecture - 12**
**Topic:** Group Discussion & Personal Interview
**Date:** 27th January 2023
**Name of Speaker:** Mr. Yogesh Borse (Area Manager of ICFAI Business School)
**Class:** TY BBA
**Number of Attendees:** 64
**Description:** TY BBA students participated in the session of Group Discussion & Personal Interview under the Student Development Program of IBS, Pune.
**Guest speaker** Mr. Yogesh Borse (Area Manager of ICFAI Business School) conducted a group discussion session, he discussed some tips regarding communication and presentation skills required for interview and overall personality development among students. He also highlighted how to face an interview. It was under the Student Development Program activity for the BBA students as a part of MOU signed with IBS, Pune.

**Lecture - 13**
**Topic:** Financial Planning - A Wheel of Success
**Date:** 28th January 2023
**Name of Speaker:** Mr. Dinar Khurjekar (Consultant at Sharekhan)
**Class:** FY and TY BBA
**Number of Attendees:** 110
**Description:** Mr. Dinar Khurjekar familiarised the students with financial planning and created awareness about the importance of financial planning at an early age. The session was quite interactive. The speaker cleared all the doubts of the students in a question-answer session at the end.

**Lecture - 14**
**Topic:** Orientation Program of Cognitive Exchange Folsom, California, USA
**Date:** 28th January 2023
**Name of Speaker:** Dr. Amit Deokule (Director of CE Expansion, India)
**Class:** FY, SY and TY BBA
**Number of Attendees:** 40
**Description:** Cognitive Exchange (CE) is a US non-profit organization based in Folsom, California, USA. The objective of CE is to help students to enhance key life skills like communication, organization, and leadership.

Director of CE, Dr. Amit Deokule shared the information about the Cognitive Exchange training program and motivated the students to participate in the CE Program.

It is a 7-week Certification course of speech and debate training program viz. Basic Speech, Accelerated Basic Speech, Advanced Speech, Basic Debate, Advanced Debate, Masters Debate, English Foundations, and/or Life Skills. It is free of cost online training.

After the completion of the training program, the Cognitive exchange team will conduct a speech competition. Every participant will have to deliver 3 min. speech. Winners will be awarded with the medals.

**Field Visit - 3**
**Topic:** Industrial & Labour Court Visit
**Date:** 30th January 2023
**Class:** SY BBA
**Number of Attendees:** 16
**Description:** Interested students were taken for Industrial & Labour Court Visit, Swargate, Pune. Students keenly observed the court functioning. They heard the cases at various stages in different courts.

**Lecture - 15**
**Topic:** Computation of Total Taxable Income of an Individual
**Date:** 30th January 2023
**Name of Speaker:** CA Mr. Sanyog Lohiya
**Class:** SY BBA
**Number of Attendees:** 108

**Description:** Mr. Lohiya guided our students on how to compute individual income with different deduction sections & exemptions in detail.

FDP by Research Cell Committee

**Topic:** Fundamentals of Research Methodology

**Date:** 30th January 2023

**Name of Speaker:** Prof. Saurabh Punde (Assist. Professor, Modern College of Arts, Commerce & Science, (Autonomous) Shivajinagar, BA Campus)

**Audience:** Commerce, Management, Computer Science Faculties

**Number of Attendees:** 35

**Description:** This session was organized by the Research Cell of BA Campus for the faculties with an intention to make them aware of the basics of research. The session provided necessary inputs in the form of knowledge of the research process to motivate teachers and develop the desire to expand in the field of research. The session provided knowledge of basic research methodologies, types of research and tools used for research investigations. This guidance was quite helpful for preparation of research proposals and for writing research articles.

**Annual College Fest:** Aarohan - Exploring the Limitless Talent

**Date:** 1st February - 4th February 2023

**Name of Speakers (Chief Guests):** Shri Raj Kazi (Senior Sub Editor, Sakal Media Group) & Shri Meghraj Rajebhosale (President of Akhil Bharatiya Marathi Chitrapat Mahamandal)

**Class:** BBA, BBA (IB), BBA (CA), B. Com (SF), M. Com (SF) & M. Com (E-Commerce)

**Number of Attendees:** 2000 (Approx.)

**Description:** Aarohan is the annual cultural festival of the college. Aarohan 2023 consisted of a total of 23 events. These events were a mix of management, cultural and sports events. The last day of Aarohan was celebrated as the Traditional Day.

**Moot Court Competition**

**Date:** 6th February 2023

**Class:** SY BBA

**Number of Attendees:** 60

**Number of participants:** 7 teams

**Description:** A case study on law was given to the students in advance. The participation was team wise wherein team members were involved in research, draft, arguments for the case. One of the team members argued for the party pre decided (Appellant & Respondent).

Prof. Lawly Das (HOD - BBA Dept) & Prof. Vidyasagar Bansode (Faculty - BBA Dept.) judged the competition.

**ED Camp by ED Cell**

**Topic:** Entrepreneurship Development Camp 2022-2023

**Date:** 22nd, 23rd and 24th February 2023

**Inauguration by the Chief Guest:** Ms. Sandeepa Kanitkar (Chairperson and MD, Kan Biosis, Pune)

**Name of Speakers:** Mr. Rajendra Fukane, Mr. Sanjay Sidhye, Mr. Prem Tapadiya

**Class:** BBA, BBA (IB), BBA (CA), B. Com (SF), M. Com (SF) & M. Com (E-Commerce)

**Number of Attendees:** 80

**Description:** The objective of the workshop was to create awareness among the students about entrepreneurship as a career choice and inform them about business opportunities. The interaction was held with few role models Entrepreneurs to motivate the students.

This programme aims to help, guide, support and select a new generation of entrepreneurs to strengthen their entrepreneurial abilities and motivate them. The camp also focused on environment analysis related to small & medium industry / business. Select project / products, formulate project, understand the process and procedure of setting up a small / medium industry / business. An interaction was held with a few role-model entrepreneurs to motivate the students.

**FDP by Staff Academy Cell Committee**

**Topic:** Scientific Meditation for Holistic Development

**Date:** 25th February 2023

**Name of Speaker:** Mr. Vijay Kumar

**Audience:** BA Campus Teaching and Admin Staff Members

**Number of Attendees:** 50

**Description:** This Faculty Development Programme addressed the need to enhance the knowledge about Holistic Development and Outcome Based Teaching, its implications in teaching, assessment, and evaluation. Holistic Development is a relatively new term in education that seeks to engage all aspects of the learner, including mind, body, and spirit. Holistic development is based on the premise that each person ?nds identity, meaning and purpose in life.

**Field Visit - 4**

**Topic:** Employee Engagement Program of AXA Go Business Services Pvt. Ltd

**Date:** 24th March 2023

**Name of Speakers:** Employees of the AXA Go Business Services Pvt. Ltd

**Class:** TY BBA (Female Students)

**Number of Attendees:** 17

**Description:** BBA department had arranged an industrial visit to AXA Go Business Services Pvt. Ltd at Viman Nagar, Pune for the female students of TY BBA on account of Women's Day week celebration in AXA. This was organised under their employee engagement program under CSR activity of AXA Go with collaboration of IAHV.

It is a project of women empowerment & celebration of women's month on account of International Women's Day.

17 female students of TY BBA participated in the visit. The sessions on resume writing, interview skills & career opportunities in the finance domain were conducted by AXA employees for the final year BBA students.

Session was very interactive. Students enjoyed the campus tour of AXA premises.

The session concluded with a feedback session; AXA gifted a laptop bag to all the participating students.

**BBA AAA for AY 2021-2022**

**Date:** 10th April 2023

**Name of Auditor:** Dr. Mangesh Waghmare, Head - Dept. of Business Administration & Asst. Prof. (New Arts, Commerce & Science College, Ahmednagar)

**Description:** The auditor reviewed the academic processes in the Dept. of BBA and gave recommendations on enhancing the quality of academic activities. He also assessed the policies, strategies & functions of the various administrative departments.

**BA BOS on Syllabus Framework as per NEP 2020 Guidelines for AY 2023-2024**

**Date:** 15th May 2023

**Name of External BOS Members:**

1. Prof. Sharmila Kavediya (MES Garware College of Commerce, Pune)
2. Prof. Pradnya Gaikwad (MIT WPU)
3. Prof. Diksha Bedekar (MIT WPU)
4. Mr. Pushkar Aurangabadkar (Director, Milastic Education Private Limited, Pune)
5. Mr. Siljith Mohan (CEO & Founder - Eventomaniaa)
6. Dr. Sharayu Bhakare (Symbiosis College of Arts and Commerce, Pune)

**Description:** To finalize the BBA syllabus framework as per NEP 2020 guidelines.

**- Prof. Lawly Das**
Head, Dept. of BBA

**- Prof. Dr. M. D. Alandikar**
Vice Principal

# BBA (CA)

## PART A

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Prof. M. D. Alandikar | HoD and Chairperson of DIQAC | 8308802322 | |
| 2 | Prof. PradnyaKhalane | Member 1 | 9075102499 | khalanecommercesf@moderncollegepune.edu.in |
| 3 | Prof. GauriPatil | Member2 | 9960618391 | khirecommercesf@moderncollegepune.edu.in |

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students ☐ Alumni ☐ Others ☐

2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. ☐ International ☐ National ☐ State ☐ Institution Level ☐

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

1.1.2 Number of Programmes where syllabus revision was carried out during the year

–1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| TYBBA-CA Sem V and VI projects | **97** |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers usingICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| PradnyaKhalane | UG | - | - | | |
| VaibhavThakare | UG | - | UG & PG | | |
| GauriKhire | UG | - | - | | |
| Mansi Vale | UG | - | UG & PG | | |
| VanitaPatil | UG | - | - | | |
| NamrataGadgil | UG | - | - | | |
| SonaliRaut | UG | - | - | | |
| SwapnaTekale | UG | - | UG & PG | | |
| Sapna Sharma | UG | - | UG & PG | | |
| PriyankaMahamulkar | UG | - | UG & PG | | |

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|---|---|---|---|---|
| 2 | 2 | 0 | 0 | 0 |

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 7 | 3 | | | | | | | | |

2.4 No. of Guest and Visiting faculty and Temporary faculty | - | 3 | 7 |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students | 75 |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year
3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

*Please provide the information in following formatas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. [ ] Chapters in Edited Books [ ]
ii) Without ISBN No. [ ]

*Please provide the list of books authored by staff members in the format given belowas annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*
3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year
3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

*Please provide the scan copies of the certificatesas annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

**3.5 Collaborations**

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 402 | | | |

(b) No. of students outside the state

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students

*Please provide the list of students, Gender, class, categoryas annexure*

| No | % |
|---|---|
| 1 | 10% |

Men

| No | % |
|---|---|
| 9 | 90% |

Women

5.2.1 - Number of outgoing students who got placement during the year

| Name of student placed with his/her contact details | Programme completed | Name of the employer with contact details | Pay package at the time of appointment |
|---|---|---|---|
| AvadhootBhagat | **BBA(CA)** | **Amazon** | **3.5 LPA** |
| SakshiBorse | **BBA(CA)** | **Bajaj Allian** | **3 LPA** |
| RutujaDiwakar | **BBA(CA)** | **Bajaj Allianz** | **3 LPA** |
| ManasiBorkar | **BBA(CA)** | **Bajaj Allianz** | **3 LPA** |
| AmrutaBahirat | **BBA(CA)** | **Bajaj Allianz** | **3 LPA** |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

21. Soft Skills –
    - Seminar on" **Career planning and Skill Development in IT Industry**" by Mr. Vishal Verma on 6th January 2023 for the SYBBA(CA) and TYBBA(CA)students conducted by Prof. PriyankaMahamulkar.
    - **Republic Day Ceremony** was conducted by Prof. SwapnaTekale and Prof. Vishal Shishupal on 25th January 2023 for the FYBBA(CA) , SYBBA(CA) and TYBBA(CA) students.
    - **Digital Poster Making Competition** was conducted by Prof. Vishal Shishupal on 25th January 2023 for the FYBBA(CA) , SYBBA(CA) and TYBBA(CA) students.
    - **Industrial visit at Barclays** on 17th August 2022 was conducted by Prof. GauriPatil.
    - Guest Session on "**EdwiseOverseas Education Scholarship Program"** by Mr.Subhash Pol and Mrs.Rashmi on 12th January 2023 for TYBBA(CA) Students conducted by Prof. DnyaneshwarNarwate.
22. Language and Communication Skills
23. Life Skills (Yoga, Physical fitness, Health and Hygiene)
24. Awareness of Trends in Technology -
    Guest Session on "**Introduction to Python**" by Mr.ParagFulzale on 14th January 2023 for the SYBBA(CA) students conducted by Prof. SonaliRaut.

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

*Please provide the scan copies related lettersas annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

6.3.2 Teaching and Learning

Remedial classes, more interactive sessions, ICT, Providing platform for presentation, expert session of banking, fiancé, AI etc.

6.3.3 Examination and Evaluation

Preparation and effective implementation of exam calendar well in advance paper setting, arrangement, formation of squad and more, Hybrid mode of exam

6.3.4 Research and Development

Research seminar, workshop,research paper writing, publishing

6.3.5 Library, ICT and physical infrastructure / instrumentation

Lab, library, well equipped gym, playground, reading room for staff and student , canteen , staffroom , office and class rooms.

6.3.6 Human Resource Management

Panel interview by experts, regular salaries according to scale, FDP for new teachers, mediclaim facilities for staff,Festival & birthday celebration, PF & gratuity facility, honorarium for extra work, appreciation and felicitation during staff meeting, Extra three increments to PhD rewardee, Maintenance of individual personal files and service books.

6.3.7 Faculty and Staff recruitment

Selection by local selection committee/ university selection committee.

6.3.8 Industry Interaction / Collaboration

Mou's, industries visits, Visit of industrial people for counseling.

6.3.9 Admission of Students

Four Online admission counseling meetings conducted. On time c commencement of classes, continuous internal evaluation pattern of marks, Merit list was displayed & merit list wise counseling, Allotment of corresponding categories as scheduled by SPPU

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. <u>Innovations and Best Practices</u>**

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

- **Strength:**
  - Qualified and Experience faculties,
  - Best administrative system,
  - Necessary infrastructure,
  - Growing result level,
  - Maximum Co-curricular and Extra- curricular activities,
  - Affordable Education,
  - Location / Accessibility,
  - Excellence in sports.
  - Started Foreign language courses.
- **Weakness:**
  - Lack in granting Research project from University,
  - LessIndustry-Institute Interaction**,**
  - Less student diversity,
- **Opportunities:**
  - More focus on Placement,
  - Arranging more number of FDP/National /International Level conferences,
- **Challenges:**
  - Growingacademiccompetition from other Colleges and foreign universities,
  - Encouraging students for competitive examinations and higher studies,
  - Changes in Student, teacher and Parent role**.**

8.**Plans of Department for next year**

- Focus on student's practical approach,
- Arranging Industrial visits in Software companies,
- Skill Development program for faculties and students,
- Focus on research especially in granting projects from University.

*Name 1: Prof. GauriKhire* *Name 2: Prof. PradnyaKhalane*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

**Modern College of Arts, Science & Commerce (Autonomous),Shivajinagar, Pune**
**Academic Calendar**
**BBA (CA) Dept: 1st Term 2022-23**

| Sr. No. | Date | Particulars | Co- coordinator |
|---|---|---|---|
| **1** | 15th June, 2022 | Commencement of the new term & lectures for F.Y.BBA (CA) , S.Y. BBA (CA) & T.Y. BBA (CA) FY sem I autonomous started. | ---- |
| **2** | 21st June 2022 | International Yoga day celebration. | --- |
| **3** | 28 June 2022 | Annual prize distribution | __ |
| **4** | 5th to 9th July 2022 | TYBBA (CA): A + B Project Topic submissions. | Prof. GauriKhirePatil |
| **5** | 15th July, 2022 | Parent- Teachers meeting: FYBBA-CA. | All FY co-ordinators |
| **6** | 29th July, 2022 | Orientation Programme for F.Y. BBA (CA) | All FY co-ordinators |
| **7** | 30thJuly, 2022 | Medical Check Up for FY BBA (CA) students. | All FY co-ordinators |
| **8** | 2ndto 3rd August2022 | TYBBA (CA) project synopsis submission. | Prof. GauriKhirePatil |
| **9** | 6th August, 2022 | Guest Lecture on **"Importance of Communication Skills"** for FYBCA. | All FY co-ordinators |
| **10** | 9th August, 2022 | **Guest lecture on ERD & DFD for TYBBA (CA)** | TY co-ordinators |
| **11** | 12th August 2022 | International Youth Day | All co-ordinators |
| | 13thand 14th August2022 | **Counseling Programme**for F.Y. BBA (CA): A students. | All FY co-ordinators |
| **12** | | **Counseling Programme**for F.Y.BBA (CA): B students. | |
| | | **Counseling Programme**for F.Y. BBA (CA): C students. | |
| **13** | 17th August, 2022 | Guest Lecture on "Planning of Study for Examination" for FYBBA-CA | FY co-ordinators |
| **14** | 18th August, 2022 | Guest Lecture on **"Database designing and Normalization"** for TYBCA | TY co-ordinators |
| **15** | 20thto 21st August2022 | **ERD and DFD submission of TYBCA** | Prof. GauriKhirePatil |
| **16** | 24 to 28 August, 2022 | LMS Online quiz: FYBBA-CA sem I | FY co-ordinators |
| **17** | 25th August, 2022 | Quick heal foundation: Earn and Learn Training Mr. SagarPadwal, PSI, Cyber-crime, Shivajinagar Mrs. SugandhaDani, CSR Managar. | SY co-ordinators |
| **18** | 30th August, 2022 | Research cell: How to write research paper Speaker: Mr. Gosavi Sir Venue: Vidya hall | SY co-ordinators |

| | | | |
|---|---|---|---|
| **19** | 30th August 2022 | Quick heal foundation:<br>Cyber awareness program for SY + TY<br>Mr. Ajay Shirke<br>Mr. Mahesh Bardi | SY + TY co-ordinators |
| **20** | 24rdSeptto 30th Sept 2022 | Internal Examination for F.Y / S.Y / T.Y - BBA & BCA | --- |
| **21** | Sept 2022 | FY + SY Practical Submissions. | Lab teachers |
| | | TY Practical Submissions. | Lab teachers |
| | | TYBCA: Project submission and Exam. | Prof. GauriKhirePatil |
| **22** | 07 to 23 October 2022 | FY, SY, TY Final Practical Exam. | FY co-ordinators |
| **23** | 1st November 2022 | final Examination. | --- |

Prof. Pradnya Khalane
(H.O.D.: BBA-CA)

Prof. Dr. M. D. Alandikar
(Vice Principal)

**Progressive Education Society's**
**Modern College of Arts Science and Commerce (Autonomous)**
(Business Administration Campus)Shivajinagar Pune-5

| **Instruments** | **Upto 2010** | **2010-11** | **2011-12** | **2012-13** | **2013-14** | **2014-15** | **2015-16** | **2016-17** | **2017-18** | **2018-19** | **2019-20** | **2020-21** | **2021-22** | **Qty** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Computer** (6 Scrap) | 53 | 0 | 0 | 8 | 0 | 0 | 10 | 55 | 0 | 3 | 3C PU | 1C PU | 0 | 129 |
| **Laptop** | 3 | 0 | 2 | 0 | 2 | 0 | 5 | 6 | 0 | 0 | 6 | 10 | 0 | 34 |
| **LCD Projector** | 2 | 1 | 0 | 4 | 0 | 3 | 5 | 0 | 3 | 0 | 4 | 0 | 0 | 22 |
| **UPS** | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5 |
| **Xerox's Machine** | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 3 |
| **Air Conditioner** (AC) | 1 | 0 | 0 | 0 | 0 | 5 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 12 |
| **Printer Laser** | 2 | 1 | 0 | 5 | 0 | 0 | 2 | 0 | 2 | 3 | 3 | 0 | 0 | 18 |
| **Scanner** (A3,A4) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 5 |
| **Switch** | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 8 | 0 | 0 | 0 | 2 | 0 | 12 |
| **Firewall** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Wireless Router** | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 9 |
| **Telephone Set** | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 16 |
| **Inter Comma(E.P. A.B.X)** | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Camera** | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| **P.A.System& Spaker** | 0 | 0 | 0 | 1p | 1 p | 0 | 0 | 2 p | 0 | 0 | 3s | 0 | 0 | 4 |
| **Water Cooler** (Refrigerator) | 0 | 0 | 0 | 0 | 0 | 2C | 1 C | 0 | 0 | 0 | 1R | 0 | 0 | 4 |
| **Water Filter** (RO Plan) | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1RO | 0 | 0 | 0 | 5 |
| **DVR** | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 4 |
| **CCTV** | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 16 | 20 | 0 | 6 | 0 | 0 | 56 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Switch Rack** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 5 |
| **LED TV\Wall** | 0 | 0 | 0 | 0 | 0 | 0 | 1TV | 0 | 1W | 0 | 1 TV | 1T V | 0 | 4 |
| **Conference Cam, NUC** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| **Biometric M** | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| **Fire Extinguisher** | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 10 |
| **CAR** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Activa 4g Bike** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| **Lift** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Generator D.J Set** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1(82 KVA) |
| **Office Chairs + Lab** | 5 | 0 | 0 | 0 | 40 | 0 | 15 | 100 | 10 | 0 | 0 | 0 | 0 | 170 |
| **Plastic(Visitor) Chairs** | 0 | 0 | 0 | 50 | 0 | 0 | 100 | 0 | 120 | 0 | 0 | 0 | 0 | 270 |
| **3 Seater Waiting Chair** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| **USB HDD** | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 4 |
| **Tally Soft** | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| **Vriddhi Soft** | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **Mograsys Soft** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| **Microsoft License** | 0 | 38 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| **Tripod & Mick** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| **LED Halogen** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| **Bar - code Reader** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 5 |
| **Web comp** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 5 |

BBA(CA) Department is very happy to share the achievements of our department under the guidance of Hon. Vice-Principal Dr. M. D. Alandikar, for the academic year 2022-23. Every year our Department organizes various student centric activities apart from regular syllabus. Details of the activities are as follows:

**Guest Lectures Organized:**

- Guest lecture on "How to Prepare for Aptitude" by Mr. Nilesh Kulkarni on 01st August 2022 for the **TYBBA (CA)** students.
- Guest lecture on "How to become Job Ready" by Mr. Arun Kakodi on 14th August 2022 for the **SYBBA (CA)** students.
- Guest lecture on "Learn Java from Industry point of view" by Mr.Namdeo on 19th August 2022 for the **TYBBA (CA)** students.
- Guest lecture on "Enhance Employability Skills" by Mrs.Minal Patel on 20th August 2022 for the **TYBBA (CA)** students.
- "Orientation Program on Foreign Languages" by Ms. Anuradha Patil (BeLingual Institute) on 27th August 2022 for the **FYBBA (CA)** students.
- Guest lecture on "Introduction To Big Data" by Prof. Pushpalata Gorade on 07th October 2022 for the **SYBBA (CA)** students.

**- Prof. Pradnya Khalane**
Head, BBA (CA)

**- Prof. Dr. M. D. Alandikar**
Vice Principal

# BBA (IB)

PART A

**DIQAC Composition and Activities**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. M.D. Alandikar | Vice-Principal and Advisor of DIQAC | 8308802322 | hodcommercesf@moderncollegepune.edu.in |
| 2 | Dr. Neha Dixit | HoD and Chairperson of DIQAC | 9890652802 | dixitcommercesf@moderncollegepune.edu.in |
| 3 | Prof. Prakash Vasal | Member 1 | 9420950636 | vasalcommercesf@moderncollegepune.edu.in |
| 4 | Prof. Kanchan Kalekar | Member2 | 9309946584 | Kanchankalekar7799@gamil.com |

For the departments having **more than 3** staff members :

Department Name: BBA-IB

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. Neha Dixit | HoD and Chairperson of DIQAC | 9890652802 | dixitcommercesf@moderncollegepune.edu.in |
| 2 | Prof. Prakash Vasal | Member 1 | 9420950636 | vasalcommercesf@moderncollegepune.edu.in |
| 3 | Prof.KanchanKalekar | Member2 | 9309946584 | Kanchankalekar7799@gamil.com |

2.11 No. of meetings with various stakeholders: No. Faculty - 06

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [ - ] International [ - ] National [ - ] State [ - ] Institution Level [ - ]

(ii) Themes :

*Pl attach a Conference reportas annexure*

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Conducted IB Exhibition on the theme " AzadikaAmritMahostav " on 24th January,2023
2. Live Telecast of Union Budget shown to all students, on 1st February, 2023,followed by report writing.
3 Certification Course on the topic "Supply Chain & Analytics " conducted by IBS under a MOU during March, 2023
4. Conducted 3 guest lectures.
5. Industrial visits conducted to, 1.IDC Dry Port-TalegaonDhabade 2. Parle-G Mohitewadi 3 Imperial Logstic-ChandanKhed& 4. JNPT during October-November,2022.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

**Criterion – I**

**1. Curricular Aspects**

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|---|---|---|---|---|
| PhD | | | | |
| PG | | | | |
| UG | 1 | Nil | 1 | Nil |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | 1 | | | |
| Others | | | | |
| **Total** | | | | |

| | | | | |
|---|---|---|---|---|
| Interdisciplinary | | | | |
| Innovative | | | | |

1.1.2 Number of Programmes where syllabus revision was carried out during the year
Under NEP, syllabus framework for three years , and first year syllabus was framed, during April_may, 2023.

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - Nil

1.2.1 - Number of new courses introduced across all programmes offered during the year
Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System - Nil

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

| 1.3.2 Field Projects / Internships under taken during the year | |
|---|---|
| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
| Project& Field Projects for Business Exposure | 64 |

**Criterion – II**

**2. Teaching, Learning and Evaluation**

| **2.3 Teaching - Learning Process** | | | | | |
|---|---|---|---|---|---|
| 2.3.1 Percentage of teachers usingICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) – 100% | | | | | |
| Number of teachers on roll | Number of teachers using ICT *(LMS, e-Resources)* | ICT tools and resources available | Number of ICT enabled classrooms | Number of smart classrooms | E-resources and techniques used |
| 4 | 4 | 1 Availability of internet<br>2 Availability of Projectors in the class rooms | 4 | - | You Tube videos<br>Google Power point presentations |

2.1 Total No. of permanent faculty

2.2 No. of permanent faculty with Ph.D. - NIL

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|---|---|---|---|---|---|---|---|---|---|
| R | V | R | V | R | V | R | V | R | V |
| 4 | 0 | - | - | - | - | - | - | - | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty | 1 | 2 | 4 |

*Pl. Provide the list of visiting faculty as annexure*

**2.4.2 Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | | | |
| Presented papers | 1 | | |
| Resource Persons | | | |

*Pl. Provide the scan copies of participation certificatesas annexure*

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Experiential Learning.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

| Sr. No. | Name of the staff member | Role | Date of the workshop |
|---|---|---|---|
| 1 | Dr. Neha Dixit | 1. Chairman- BoS<br>2. Faculty | 1 15th May,2023<br>2. 3rd June,2023 |
| 2 | Prof. Prakash Vasal | Faculty | |
| 3 | Prof.KanchanKalekar | Faculty | |
| 4 | Prof.RushikeshPalsapkar | Faculty | |

2.10 Average percentage of attendance of students | 75 |

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

a. Teaching Plans are collected from every faculty.
b. Departmental meetings are conducted for follow- up according to teaching plans regarding completion of syllabus.
c. Experiential learning activities are conducted.

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 1 | Nil | Nil | Nil |
| Technical Staff | Nil | Nil | Nil | Nil |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution.

Faculties participate in the Research related activities conducted by college.

3.2 Details regarding major projects

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---|---|---|---|---|
| Number | 1 | - | - | - |
| Outlay in Rs. Lakhs | Rs.95,000/- | - | - | - |

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | | | |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | 1 | | |

*Please provide the information in following formatas annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Prof.Kanchan Kalekar | "The undergraduate & their financial literacy- Empirical Findings concerning Pune city_Maharashtra | Madhya Pradesh Journal of Social Sciences,Research, Ujjain<br><br>ISSN: 0973-855X | 28, No.2CV | - |

*Please provide scan copies of the papers publishedas annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|---|---|---|---|---|
| Major projects | - | | | |
| Minor Projects | 2013-15 | UoP | Rs.95,000 | Rs.95,000 |
| Interdisciplinary Projects | - | | | |
| Industry sponsored | - | | | |
| Projects sponsored by the University/ College | - | | | |
| Students research projects *(other than compulsory by the University)* | - | | | |
| Any other(Specify) | - | | | |
| Total | | | | |

3.7 No. of books published i) With ISBN No. - Chapters in Edited Books -

ii) Without ISBN No. -

*Please provide the list of books authored by staff members in the format given belowas annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences

organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

3.13 Details of collaborations

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows

Of the staff members in the year

*Please provide the scan copies of the certificatesas annexure*

3.18Details of faculty from the Institution who are Ph. D. Guides and students registered under them

*Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)( JRF, SRF, Project Fellows, Any other)

*Please provide the scan copies of letters receivedas annexure*

| 3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : | | | | |
|---|---|---|---|---|
| No. of Faculty | International level | National level | State level | Local level |
| Attended Seminars/ Workshops | | | | 1 |
| Presented papers | | | | |
| Resource Persons | | | | |

| **3.5 Collaborations** | | | |
|---|---|---|---|
| 3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year | | | |
| 3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year | | | |
| 3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year | | | |
| Organisation | Date of MoU signed | Purpose and Activities | Number of students/teachers participated under MoUs |
| IBS - Pune | | Academic They conducted Certification course for TYBBA-IB | 35 |

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year.

**Criterion – IV**

**4. Infrastructure and Learning Resources**

4.4 Technology up gradation (Department level)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Available Bandwidth | Others |
|---|---|---|---|---|---|---|---|---|---|
| Existing | 3 (Laptops) | - | One | - | - | - | - | 80 | Printer-1 Head Phone - 1 |
| Added | - | - | - | - | - | - | - | - | - |
| Total | 3 (Laptops) | - | One | - | - | - | - | 80 | 1 + 1 |

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|---|---|---|---|
| 279 | - | - | - |

(b) No. of students outside the state 3

*Please provide the list of students, Gender, class, categoryas annexure*

(c) No. of international students 3

*Please provide the list of students, Gender, class, categoryas annexure*

| No | % |
|---|---|
| 163 | 60 |

Men

| No | % |
|---|---|
| 108 | 40 |

Women

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

*Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance:

Students counselling is done specially during admission , by conducting counselling session, meritlist wise.

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

17. Soft Skills
18. Language and Communication Skills
19. Life Skills (Yoga, Physical fitness, Health and Hygiene)
20. Awareness of Trends in Technology

| Name of the Capacity Development and Skill Enhancement programme | Year of implementation | Number of students enrolled | Name of the agencies/consultants involved with contact details, if any |
|---|---|---|---|
| 1. Language and Communication Skills | 2019-20 | 1 | SPraj Institute of Foreign Languages |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

| Name of the Activity conducted by the HEI to offer guidance/coaching for competitive examinations during the year | | Name of the Activity conducted by the HEI to offer guidance / coaching for career counselling during the year | | Number of students placed through campus placement | Link to the relevant document(s) |
|---|---|---|---|---|---|
| **Name of the Activity** | **Number of students who attended / participated** | **Details of career counselling** | **Number of students who attended / participated** | | |
| **Guest Lecture "Preparation for MPSC& UPSC during graduation"** | **5** | **Guidance session on Preparation of various Entrance Exams for Abroad Studies"** | **5** | | |

5.11 Student organised / initiatives

| Sr. No. | Name of the Event | Fair / Exhibition | Level (Int./Natioanl/ State/ Univ./ Other) | Details |
|---|---|---|---|---|
| 1 | IB-Exhibition | Exhibition | Other | All students from the department are divided in Teams, and they were given a theme,under the title "AzadikaAmritMahostav". Students prepared models, PPT's and Charts and explained them. |
| 2 | "Best Out of Waste" | Exhibition | Other | This activity is conducted only for SY students, who created wonderful items from waste material, like old news papers, plastic bottles, coconut waste, rubber, tyres etc. |

*Please provide the scan copies related lettersas annexure*

**Criterion – VI**

**6. Governance, Leadership and Management**

| **6.3 Faculty Empowerment Strategies** |
|---|
| 6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year |
| 6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year |
| 6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year |

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

6.3.2 Teaching and Learning – This years teaching was completely in Off Line manner, which includes class room teaching, PPTs, notes, sharing pdf files, etc. It also includes

Class room discussions, homework, experiential learning and continuous evaluation.

6.3.3 Examination and Evaluation-Under Autonomy, we have well defined examination and evaluation system. We Prepare Examination Calendar, well in time, execute it accordingly. Students are well informed about exams, in advance.

6.3.4 Research and Development

Three faculties from department are pursuing Ph.D.

Faculties attend the various FDP's & Workshops conducted by college.

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

**Criterion – VII**

**7. Innovations and Best Practices**

7.3 Give Best Practices of the Department

1. Conducting IB Exhibition
2. Live Telecast of Union Budget followed by submission of report

7.4 Contribution to environmental awareness / protection- Department conducts, an exhibition "Best out of Waste" for SY students, where students try to minimise the waste and learn the effective utilization of left over items. They learn to minimize the waste, and thus contribute to the clean environment.

7.6 SWOC Analysis of the Department

**Strengths:**

1. Dynamic leadership and support of Vice-Principal
2. Qualified, experienced and dynamic faculties with supportive Administration System
3. Organizing IB Exhibition and Activity Based Learning for the students
4. Visit to Dry port and Wet ports (Inland Container Depot & Wet ports)
5. Maximum curricular & co-curricular activities
6. Good Placement Cell

7. Good Infrastructure & ICT enabled classrooms
8. Well equipped library
9. Regular conduct and participation in FDP
10. Entrepreneurship Development activities
11. Organising social activities like Social Week. (which enhance Social Values& and Responsiveness amongst students)
12. Organizing various cultural activities under the umbrella of an event "Aarohan".
13 Introduction of Foreign Language Cell
14.Gym and Indoor Games facilities for students.
15.Wi-Fi enabled campus

**Weaknesses:**

**1.** Inadequate Industry-Academia collaboration.
2. Less Research Activities.
3. Insufficient Collaboration with agencies promoting International Business.

**Opportunities:**

**1.** Getting connected to various Import Export Agencies, Dry ports, wet port, Exim Bank and other financial institutions, which will develop mind-set of students for different international Business related activities.
2. Helping students to initiate ideas of Start Up.
3. Making them ready for placements.

**Threats:**

1 Building strong student-teacher rapport.
2 Involving students from vernacular background and International students in teaching learning process in English.
3 Developing the mind-set of the students towards startups and skill acquisition.

8.**Plans of Department for next year**

1. Working for the effective implementation of NEP
2. Preparing students for Self Employability, through Start-Up Culture.
3 Becoming more & more Industry oriented
4 Preparing for Certification courses.
5 Increasing the placements of the students.

8.**Plans of Department for next year**

1. To Achieve higher results.
2. To Go for more placements.
3. To build a strong Alumni relationship**.**
4. To increase industry connect.

*Name 1: Prof. Prakash Vasal* *Name :Dr. Neha Dixit*

*Name 2 :Prof.KanchanKalekar*

*Name and Signature of the Members, DIQAC* *Signature of the Chairperson,DIQAC*

**BBA-IB Annual Report 22-23**

- The department of BBA-IB started lectures from 11th July, 2022, for SY & TY students in off-line mode. Three counseling sessions were conducted for FY during this period.
- Experiential learning activities (CIE I) were conducted in the month of August for SY and TY. On 27th August,2022, "Best out of waste" Competition by SY BBA-IB students, as CIE activity was conducted. FY students joined in offline mode on the same day.
- In the month of September, CIE 2 Examinations for FY, SY & TY were conducted from 19th September 2022 to 22 September 2022 Presentations for SYBBA-IB students on the topic of "Marketing Strategy of MNCs in different countries" were conducted. CIE I Activities (Home Assignments, Book Review, Visits by students & submission of reports for 10 marks) for FY were also conducted. On 8th September 2022, Guest Lecture by Mrs. Anuradha Patil (Be Lingual Institute of Foreign Languages) on 'Learning Foreign Languages' was conducted. On 14th September 2022, Guest Lecture by Shri Ankur Gupta (Marketing Manager, Edu Crack Pvt Ltd) on 'Preparation of Competitive Exams" was conducted for all the students of the department.
- On 8th October 2022, Industrial visits to following ports/companies were conducted.

1. IDC Dry Port-Talegaon Dabhade
2. Parle-G Mohitewadi
3. Imperial Logistic-ChandanKhede

In the month of November 2022, DAQAR was submitted. Regular & Backlog ESE examinations were conducted in the month of November, along with CAP.

- On 22nd November 2022, our TY students visited the Jawaharlal Nehru Port Trust, Uran-Mumbai.
- First Term Vacations to the students were given from 1st December to 20th December 2022. Lectures for all students commenced from 21st December 2022.
- Guest Lecture for German on 11th January 2023, by Mrs. Vaishali Dabake, was conducted on the topic of "Employment opportunities with German language". CIE 1- experiential learning activities of FY, SY & TY were conducted during the month of January. Submission of titles of projects & First draft of project, was completed for TY students.
- The flagship activity of our department- IB Exhibition was conducted on 24th January,2023, on the topic of "Azadi ka Amrit Mahotsav". Guest Lecture on"Business Taxation" by Prof. Shradha Pathak for SY students was conducted on 31st January 2023.
- Social Week was celebrated from 16th January 2023 to 20th January 2023.Students from all classes participated in this activity.
- Live Telecast of the union budget was shown to all the students of the department on 1st February 2023, and students were asked to prepare a report of the same. Our Annual Cultural Fest, Aarohan was conducted in the month of February, 2023. The National Stock Exchange conducted a two day workshop on "Kona kona shiksha" on 27th and 28th February 2023.
- Experiential learning activities and project evaluation was conducted in the month of February/March. AAA of the department was conducted on 10th April 2023.
- Certification course by IBS on Supply Chain Logistic & Business Analytics ( from 7th March to 18th March,2023) was conducted for TY students This was conducted under MOU signed with IBS, Pune.
- Around 10 students from TY were placed in different companies.
- Entrepreneurship Development Camp 2022-2023 was organized between 22th March to 24th March 2023. 15 students from TY BBAIB participated in the camp.

- **Dr. Neha Dixit,**
Head, Dept. of BBA-IB

**- Prof. Dr. M. D. Alandikar**
Vice Principal

# LIBRARY AND INFORMATION CENTRE

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Dr. ShantashreeSengupta | HoD and Chairperson of DIQAC | 9890005425 | librarian@moderncollegepune.edu.in |
| 2 | Shri. Prakash Sable | Member 1 | 9850991102 | mcasclib@gmail.com |
| 3 | Shri. Amit Valvi | Member2 | 9527891303 | amitvalvi7@gmail.com |

**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

| Library is automated {Integrated Library Management System -ILMS} | | | |
|---|---|---|---|
| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
| KOHA | Fully | 22.11.03 | 2021 |

The Library and Information Centre is automated since 2005 using Autolib Software. As a step towards up gradation, in October 2021, installation and implementation of KOHA ILMS is done in the Library. KOHA is a full featured open source Integrated Library Management System.

KOHA provides the modules of Acquisition, Cataloguing, Barcode Printing, Patrons, Serials Control, Reports, Tools and KOHA Administration. The OPAC and WebOPAC facilities are also available. The ILMS provides options of generating customized reports as per the library requirements. The In-out Management system helps in measuring the library user footfall.The reports can be generated according to the varied user categories. Library users receive automated email from the system regarding issue/return of books.

The Library Webpage developed on KOHA (http://opac.mcascpune5lib.com:8001/) provides detailed information about the library and access to Library at a glance, Access to Subscribed and Open Access Databases, Open Educational Resources, Reference Links eg. UGC-CARE, Rare Book Society of India, Internet Archive etc. The library webpage also provides links to External Higher Educational bodies like UGC, NAAC etc. The WebOPAC facility enables the students to know the availability status of the book. The Browse-Shelf facility in the WebOPAC works as a Virtual Book Shelf.

**Additional Information:**

The Library and Information Centre of Modern College, Pune-5 upgraded to the globally used KOHA Integrated Library Management Software. After successful migration from the existing Autolib Library Software, KOHA was launched successfully in October 2021. Being an Open Source Software, it provides the facility of customization as per our local needs.

The following modules are provided by the ILMS: Acquisition (including Accessioning), Cataloguing, Circulation, Patron Management, Serials Control, KOHA Administration, Tools (for updating the OPAC/WebOPAC User Interface), In-out Management System and Reports. In the Acquisition Module, while accessioning, with the help of ISBN, the ILMS automatically takes the Images of the Book Covers from Google Images /Amazon.com. The book images appear in the Book Search in OPAC and WebOPAC. Users can search the required book using Author, Title, Subject, ISBN, ISSN, Series, Call Number and Accession Number. It also provides the availability status of the book.

The Circulation history of a book and of a user can easily be generated. The Circulation Module automatically sends Check-in, Check-out and Advance Notice of Item Due to the Library Users regarding the Issue/Return of Books. At the end of academic year, the library generates list of books pending on students name from the software and the respective mark

sheets are brought in the library. After clearing the book dues, the students are given their mark sheet. Library footfalls can be easily measured with the help of the In-out Management System categorically. The OPAC and WebOPAC has a special feature of Book Shelf which lets the user know about the other books in the same shelf in a virtual manner. Library Website is also created using KOHA which measures the number of user visits in OPAC / WebOPAC. Several External Links are also provided in the Library Website. For the ease of the users, link to the College Institutional Repository, MCASC Subject Gateway, Google Scholar Institutional Profile and Virtual Shelf of Modern Magazines is also provided. Users can access the WebOPAC on Mobile too which enables 24x7 remote access to the library catalogue and the Institutional Repository.

**4.3 Library services:**

| | **Existing** | | **Newly added** | | **Total** | |
|---|---|---|---|---|---|---|
| | **No.** | **Value** | **No.** | **Value** | **No.** | **Value** |
| Text Books | 30841 | 20,37,177.13 | 712 | 2,30,314 | 31553 | 22,67,491.13 |
| Reference Books | 59724 | 14,23,8,634.00 | 387 | 6,53,284.50 | 60111 | 14,89,1918.50 |
| e-Books | ------- | ----- | ----- | ----- | ----- | ----- |
| Journals | 69 | 215873.94 | 19 | 41803.20 | 88 | 2,57,677.14 |
| e-Journals | 02 | 61303.68 | ----- | ----- | 02 | 61,303.68 |
| Digital Database | 03 (NLIST, DELNET, NDL) | 46610.00 (Subscription renewal amount) | ----- | ------ | 03 (NLIST, DELNET, NDL) | 46,610.00 |
| CD & Video | 245 | 79458.00 | ----- | ------- | 245 | 79,458.00 |
| Library automation | 01 | 29,500 | ------ | ------- | 01 | 29,500 |
| Weeding (Hard & Soft) | 27031 | 1210657.57 | Old Newspapers | 8535.00 | 27031 | 12,19,192.57 |
| Others (specify) | ----- | ----- | ----- | ----- | ----- | ----- |

**4.2.2 Institution has access to the following:**

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs) (data template)**

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

| Library resources | If yes, details of memberships/ subscriptions | Expenditure on subscription to e-journals, e-books (INR in lakhs) | Total Library Expenditure | Link to the relevant document |
|---|---|---|---|---|
| **Books** | | | Rs. 883598.50/- | http://opac.mcascpune5lib.com:8001/ |
| **Journals** | | | Rs. 2,57,677.14/- | http://opac.mcascpune5lib.com:8001/ |
| **e – journals** | | Rs. 61303.68/- | | https://link.springer.com/ |
| **e-books** | Yes. Access through NLIST | | ---------- | https://nlist.inflibnet.ac.in/index.php |
| **e-Shodh Sindhu**<br>**Shodhganga** | e-ShodhSindhu Membership is not required for Colleges. The college Component of e-ShodhSindhu is NLIST. We are subscribing to NLIST.<br>Shodhganga is an Open Access Repository of Theses and Dissertations which does not need any membership. | | | https://ess.inflibnet.ac.in/ess_queries.pdf |
| **Databases**<br><br>**Local and / or Remote access to library resources (Specify)** | 1) NLIST (Ref No.: INF/N-LIST/2021/1770 dt. 12th March 2021)<br>2) DELNET (Receipt No. 56285/2018-19 dt. 31st March 2019. 3 Years subscription)<br>3) National Digital Library (NDL CLUB ID INMHNC58N8ZCTAM ). Free Membership<br>Yes.<br>Remote access provided to NLIST and NDL through Individual Username and Password. DELNET database can be accessed using Institutional Login details.<br>The Institutional Repository of the College is Open Access in nature which is not login based. WebOPAC of the College Library can be accessed directly without any login. | ------ | Rs. 5900.00 | 1) Institutional Repository http://dspace.mcascpune5lib.com:8090/jspui/<br><br>2) NLIST https://nlist.inflibnet.ac.in/<br><br>3) WebOPAC of MCASC Library http://opac.mcascpune5lib.com:8001/<br><br>4) DELNET http://164.100.247.30/ |

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

- Number of physical users accessing the library (for the period of 1.9.2022 to 15.06.2023)69826
  a) Teacher logins for physical usage: 1712
  b) Student logins for physical usage: 68114
- Number of users using the library through e-access
  a) N-LIST : 25
  b) DELNET : 20
  c) Institutional Repository total views: 511861

Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. [1] International [0] National [1] State [0] Institution Level [1]

(ii) Themes :Following are the details of the Webinars/Workshops conducted by the Library and Information Centre in Academic Year 2022-23:

1) 14th& 15th February 2023: National Conference on 'Implementation of National Education Policy-2020 with special reference to Adoption of Guidelines on NHEQF and Curriculum Framework and Credit System for Four Year Undergraduate Programme (FYUP).'
2) 06.10.2022: workshop on 'Use of E-resources for Academic and Research Purposes' organised for Faculty Members of Department of English.

*Pl attach a Conference reportas annexure*

**2.14 Significant Activities conducted by the Department / DIQAC in the academic year**

1. Mahatma Jyotiba Phule Jayanti: 11th April 2022.
2. Dr. Babasaheb Ambedkar Jayanti: 14th April 2022.
3. Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2022.
4. Mahatma Basweshwar Jayanti: 03rd May 2022.
5. Dahshatvaadva Hinsachar Virodhi Diwas : 21st May 2022
6. Maharana Pratap Jayanti : 25th May 2022.
7. Swatantrayveer Savarkar Jayanti : 28th May 2022.
8. Ahilyadevi Holkar Jayanti : 31st May 2022
9. Shivswarajya Din: 06th June 2022.
10. Rajarshi Shahu Maharaj Jayanti : 26th June 2022
11. Vasantrao Naik Jayanti : 1st July 2022
12. Mobile Book Exhibition in association with Ramkrishna Mission: 12th to 16th July 2022
13. Lokmanya Bal Gangadhar Tilak Jayanti : 23rd July 2022
14. Sahityaratna Annabhau Sathe Jayanti : 01st August 2022
15. Krantisingh Nana Patil Jayanti : 3rd August 2022.
16. Dr.S.R.Ranganathan Birth Anniversary: 12th August 2022.
17. Book Exhibition on the occasion of National Librarians Day: 10th to 13th August 2022.
18. Partition Horror Remembrance Day: 14tth August 2022.
19. Sadbhavna Diwas : 20th August 2022.
20. RajeUmaji Naikjayanti : 07th September 2022.
21. Keshav Sitaram alias Prabodhankar Thackeray Jayanti: 17th September 2022.
22. Pandit Deendayal Upadhyay Jayanti : 25th September 2022.
23. Mahatma Gandhi Jayanti :02nd October 2022.
24. Lal Bahadur Shastri Jayanti : 02nd October 2022.
25. Display of New Books: 03rd October 2022.
26. Maharshi Valmiki Jayanti : 09th October 2022.

27. Dr. A.P.J Abdul Kalam Jayanti : 15th October 2022.
28. Indira Gandhi Punyatithi and Rashtriya Sankalp Diwas : 31st October 2022.
29. Vallabhbhai Patel Jayanti and Rashtriya Ekta Diwas : 31st October 2022.
30. Pandit Nehru Jayanti : 14th November 2022.
31. Birsa Munda Jayanti : 15th November 2022.
32. Indira Gandhi Jayanti and Rashtriya Ekatmata Din : 19th November 2022.
33. Sanvidhan Diwas : 26th November 2022.
34. Mahaparinirvan Diwas: 06th December 2022.
35. Sant Santaji Jagnade Maharaj Jayanti : 08th December 2022.
36. Dr.Bhuasaheb alias Panjabrao Deshmukh Jayanti: 27th December 2022.
37. Savitribai Phule Jayanti : 03rd January 2023.
38. Rajmata Jijau and Swami Vivekanand Jayanti : 12th January 2023.
39. Display of Marathi Reference Sources during Marathi Bhasha Sanvardhan Pandharwada: 18.01.2023
40. Netaji Subhash Chandra Bose Jayanti and Balasaheb Thackeray: 23rd January 2023.
41. Sant Ravidas Maharaj Jayanti: 05th February 2023.
42. National Conference on Implementation of National Education Policy-2020: 14th and 15th February 2023.
43. Sant Sevalal Maharaj Jayanti: 15th February 2023.
44. Chhatrapati Shivaji Maharaj Jayanti : 19th February 2023.
45. Balshastri Jambhekar Jayanti: 20th February 2023.
46. Sant Gadge Baba Jayanti and: 23rd February 2023.
47. Yashwantrao Chavan Jayanti : 12th March 2023.
48. Shaheed Din: 23rd March 2023.
49. Mahatma Jyotiba Phule Jayanti: 11th April 2023.
50. Dr.Babasaheb Ambedkar Jayanti: 14th April 2023.
51. Mahatma Basweshwar Jayanti: 22nd April 2023.
52. Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2023
53. Sambhaji Maharaj Jayanti: 14th May 2023.
54. Dahshatvaadva Hinsachar Virodhi Diwas : 21st May 2023
55. Maharana Pratap Jayanti : 25th May 2023.
56. Swatantrayveer Savarkar Jayanti : 28th May 2023.
57. Ahilyadevi Holkar Jayanti : 31st May 2023
58. Shivswarajya Din: 06th June 2023.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|---|---|---|---|
| Attended Seminars/ Workshops | ---- | 07 | ---- |
| Presented papers | 01 | ---- | ---- |
| Resource Persons | 01 | ---- | 01 |

*Pl. Provide the scan copies of participation certificatesas annexure*

**2.13 Initiatives undertaken towards faculty development by the department**

| *Faculty / Staff Development Programmes* | *Number of faculty benefitted* |
|---|---|
| Refresher courses | |
| UGC – Faculty Improvement Programme | 01 |
| HRD programmes | |
| Orientation programmes | |
| Faculty exchange programme | |
| Staff training conducted by the university | |
| Staff training conducted by other institutions | 01 |
| Summer / Winter schools, Workshops, etc. | |
| Others | 01 |

**2.14 Details of Administrative and Technical staff**

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|---|---|---|---|---|
| Administrative Staff | 14 | | --------- | --------- |
| Technical Staff | --------- | --------- | --------- | --------- |

**Criterion – III**

**3. Research, Consultancy and Extension**

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

| | International | National | Others |
|---|---|---|---|
| Peer Review Journals | 01 | ---- | ---- |
| Non-Peer Review Journals | ---- | ---- | ---- |
| e-Journals | ---- | ---- | ---- |
| Conference proceedings | 01 | 01 | ---- |

*Please provide the information in following formatas annexure*

| Sr. No | Name of the Staff Member | Title of the paper | Journal Name, ISSN Number | Volume Issue, Date of publication | Impact Factor of journal |
|---|---|---|---|---|---|
| 1 | Dr.Shantashree Sengupta | 2021 International ETD Survey | The Journal of Electronic Theses and Dissertations | ISSN 2788-7162 | ---- |

*Please provide scan copies of the papers publishedas annexure*

**3.5 Details on Impact factor of publications:**

Range [ ] Average [ ] h-index [ 5 ] Nos. in SCOPUS [ ]

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

**3.7 No. of books published** i) With ISBN No. ------ Chapters in Edited Book 02

ii) Without ISBN No. ------

*Please provide the list of books authored by staff members in the format given belowas annexure*

| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
|---|---|---|---|---|---|
| 01 | Dr.Shantashree Sengupta | Knowledge Organisation in Academic Libraries | Aargon Press, New Delhi | 9789394070356 | 2023 |
| 02 | Shri. Amit Salunke | Aspects of the National Education Policy 2020 | Abhiruchi Publications, Pune | 9788195778379 | 2023 |

**3.10 Consultancy provided by the Department**

| Sr. No. | Name of the Staff Member | Consultancy Provided to | Revenue Generated |
|---|---|---|---|
| ---- | ---- | ---- | ---- |

*Please provide the scan copies of the communication letters, consultancy letters as annexure*

**3.11 No. of conferences organized by the Department**

| Level | International | National | State | University | College |
|---|---|---|---|---|---|
| Number | ---- | 01 | ---- | ---- | ---- |
| Sponsoring agencies | ---- | SPPU, Pune-7 | ---- | ---- | ---- |

**3.12 Details faculty served as experts, chairpersons or resource persons**

| Sr. No. | Name of the Staff Member | Role | Name of Conference / Seminar / Symposia |
|---|---|---|---|
| 01 | Dr.Shantashree Sengupta | Resource Person | Delivered Online Session on 'Open Access Online Learning Resources for Science Faculty' during Ph.D Course work on Research Methodology organised by M.V.P.S's K.T.H.M College, Nasik on 24.01.2023. |
| 02 | Dr.Shantashree Sengupta | Resource Person | Panelist during Brainstorming Session on NEP-2020 and Libraries in International Conference on Knowledge Organisation in Academic Libraries (I-KOAL) during 20th and 21st January 2023. |

*Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure*

**3.13 Details of collaborations**

| Sr. No. | Name of the Institution | Type of Collaboration (International / National / Other) | Area / Details |
|---|---|---|---|
| 1 | DELNET | International | Inter Library Loan, Access to Library Resources |
| 2 | P.E.Society's Modern Law College, Ganeshkhind, Pune-16. | Institutional | Inter Library Loan, Access to Library Resources |
| 3 | P.E.Society's Modern Institute of Business Management, Shivajinagar, Pune-5. | Institutional | Inter Library Loan, Access to Library Resources |
| 4 | P.E.Society's Modern College of Education (for Ladies), Shivajinagar, Pune. | Institutional | Inter Library Loan, Access to Library Resources |

3.14 Details of linkages created during this year

*Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year

**3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year**

| **Total** | **International:---** | **National: 01** | **State:---** | **University: ---** |
|---|---|---|---|---|
| **Sr. No.** | **Name of the Staff Member** | **Name of the Award** | **Given by** | **International/ National/ State/ University/ Other** |
| 1 | Dr.ShantashreeSengupta | Excellent College Librarian Award | Library Professionals Association, New Delhi | National |

*Please provide the scan copies of the certificatesas annexure*

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility : NIL

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**7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals**

1. Mahatma JyotibaPhuleJayanti: 11th April 2022.
2. Dr.BabasahebAmbedkarJayanti: 14th April 2022.
3. RashtrasantTukdojiMaharajJayanti: 30th April 2022.
4. Mahatma BasweshwarJayanti: 03rd May 2022.
5. DahshatvaadvaHinsacharVirodhiDiwas : 21st May 2022
6. MaharanaPratapJayanti : 25th May 2022.
7. SwatantrayveerSavarkarJayanti : 28th May 2022.
8. AhilyadeviHolkarJayanti : 31st May 2022

9. Shivswarajya Din: 06th June 2022.
10. RajarshiShahuMaharajJayanti : 26th June 2022
11. VasantraoNaikJayanti : 1st July 2022
12. Lokmanya Bal GangadharTilakJayanti : 23rd July 2022
13. SahityaratnaAnnabhauSatheJayanti : 01st August 2022
14. Krantisingh Nana PatilJayanti : 3rd August 2022.
15. Book Exhibition on the occasion of National Librarians Day: 10th to 13th August 2022.
16. Partition Horror Remembrance Day: 14th August 2022.
17. SadbhavnaDiwas : 20th August 2022.
18. Raje Umaji Naikjayanti : 07th September 2022.
19. Keshav Sitaram alias Prabodhankar Thackeray Jayanti: 17th September 2022.
20. PanditDeendayalUpadhyayJayanti : 25th September 2022.
21. Mahatma Gandhi Jayanti :02nd October 2022.
22. Lal Bahadur Shastri Jayanti : 02nd October 2022.
23. MaharshiValmikiJayanti : 09th October 2022.
24. Dr. A.P.J Abdul KalamJayanti : 15th October 2022.
25. Indira Gandhi Punyatithi and RashtriyaSankalpDiwas : 31st October 2022.
26. Vallabhbhai Patel Jayanti and RashtriyaEktaDiwas : 31st October 2022.
27. Pandit Nehru Jayanti : 14th November 2022.
28. Birsa Munda Jayanti : 15th November 2022.
29. Indira Gandhi Jayanti and RashtriyaEkatmataDin : 19th November 2022.
30. SanvidhanDiwas : 26th November 2022.
31. Sant Santaji Jagnade Maharaj Jayanti : 08th December 2022.
32. Dr.Bhuasaheb alias Panjabrao Deshmukh Jayanti: 27th December 2022.
33. Savitribai Phule Jayanti : 03rd January 2023.
34. Rajmata Jijau and Swami Vivekanand Jayanti : 12th January 2023.
35. Display of Marathi Reference Sources during Marathi Bhasha Sanvardhan Pandharwada: 18.01.2023
36. Netaji Subhash Chandra Bose Jayanti and Balasaheb Thackeray: 23rd January 2023.
37. Sant Ravidas Maharaj Jayanti: 05th February 2023.
38. National Conference on Implementation of National Education Policy-2020: 14th and 15th February 2023.
39. Sant Sevalal Maharaj Jayanti: 15th February 2023.
40. Chhatrapati Shivaji Maharaj Jayanti : 19th February 2023.
41. Balshastri Jambhekar Jayanti: 20th February 2023.
42. Sant Gadge Baba Jayanti and: 23rd February 2023.
43. Yashwantrao Chavan Jayanti : 12th March 2023.
44. Shaheed Din : 23rd March 2023.
45. Mahatma Jyotiba Phule Jayanti: 11th April 2023.
46. Dr.Babasaheb Ambedkar Jayanti: 14th April 2023.
47. Mahatma Basweshwar Jayanti: 22nd April 2023.
48. Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2023
49. Sambhaji Maharaj Jayanti: 14th May 2023.
50. Dahshatvaadva Hinsachar Virodhi Diwas : 21st May 2023
51. Maharana Pratap Jayanti : 25th May 2023.
52. Swatantrayveer Savarkar Jayanti : 28th May 2023.
53. Ahilyadevi Holkar Jayanti : 31st May 2023
54. Shivswarajya Din: 06th June 2023.

**4.3 Library services:**

| | Existing | | Newly added | | Total | |
|---|---|---|---|---|---|---|
| | **No.** | **Value** | **No.** | **Value** | **No.** | **Value** |
| Text Books | 30841 | 20,37,177.13 | 712 | 2,30,314 | 31553 | 22,67,491.13 |
| Reference Books | 59724 | 14,23,8,634.00 | 387 | 6,53,284.50 | 60111 | 14,89,1918.50 |
| e-Books | ------- | ----- | ----- | ----- | ----- | ----- |
| Journals | 69 | 215873.94 | 19 | 41803.20 | 88 | 2,57,677.14 |
| e-Journals | 02 | 61303.68 | ----- | ----- | 02 | 61,303.68 |
| Digital Database | 03 (NLIST, DELNET, NDL) | 46610.00 (Subscription renewal amount) | ----- | ------ | 03 (NLIST, DELNET, NDL) | 46,610.00 |
| CD & Video | 245 | 79458.00 | ----- | ------- | 245 | 79,458.00 |
| Library automation | 01 | 29,500 | ------ | ------- | 01 | 29,500 |
| Weeding (Hard & Soft) | 27031 | 1210657.57 | Old Newspapers | 8535.00 | 27031 | 12,19,192.57 |
| Others (specify) | ----- | ----- | ----- | ----- | ----- | ----- |

**4.4 Technology up gradation (Department level)**

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Others |
|---|---|---|---|---|---|---|---|---|
| Existing | 44 | ---- | 50 Mbps | 20 Computers | ---- | ---- | ---- | ---- |
| Added | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| Total | 45 | ---- | 50 Mbps | 20 Computers | ---- | ---- | ---- | ---- |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology

upgradation (Networking, e-Governance etc.)

NIL

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services : NA

**Criterion – VI**

**6. Governance, Leadership and Management**

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.4 Research and Development
6.3.5 Library, ICT and physical infrastructure / instrumentation
6.3.6 Human Resource Management
6.3.7 Faculty and Staff recruitment
6.3.8 Industry Interaction / Collaboration

**Criterion – VII**

**7. Innovations and Best Practices**

**7.3 Give Best Practices of the Department**

1. The Library and Information Centre is fully automated and the WebOPAC Facility enables users to access the Library Catalogue 24x7 without the limitation of location.
2. The Library has developed Institutional Repository@MCASC which showcases Modern College Annual Magazines, Research Papers, Conference Proceedings, E-Books, E-contents, Question Papers, MODLIB Bulletin Issues, and Project Reports etc. The Institutional Repository is developed using DSpace on Windows Platform.
3. The Library has a separate Digital Library Section with 20 Computers wherein users can access to the subscribed and free databases like NLIST, DELNET, NDL and other electronic resources.
4. Publication of Monthly Library E-Bulletin 'MODLIB' which covers special section of E-Newspaper Clippings.
5. 300+ e-content educational videos are contributed by our faculty members for DELNET ViSiOn Portal. DELNET has issued Letter of appreciation for the college, the faculty members and the Librarian.
6. Communication of current awareness to different user groups as per the requirement and also through 'MODLIB' Monthly Library E-Bulletin and Library Website http://opac.mcascpune5lib.com:8001/.
7. Information literacy programs are conducted at the beginning of the academic year with a general presentation and periodically for post graduate students in online and offline manner.
8. Online and Offline Library Induction programme for UG and PG students.
9. The New Arrivals List of Books is displayed on College Library Website as well in the New Arrivals Section of the Library and Information Centre.
10. Suggestion box is made available in the Library. Also, the library users can mail their suggestions to Librarian through E-mail.
11. The library website is regularly updated.
12. Scanning of Rare Books available in the Library for preservation purpose.
13. The library has Meditation Point in Reading Hall wherein College Staff and Students can meditate for a stress free life.
14. The library conducts book exhibitions, book displays on several occasions.
15. Yearly Administrative and Academic Audit (AAA).
16. Birth Anniversaries, Death Anniversaries and Important days are celebrated as per the Government of Maharashtra Guidelines.
17. MCASC Library and Information Centre has printed brochure providing various details about the library.
18. Subject Gateway created by the Library and Information Centre.
19. Google Scholar Profile of the Modern College, Pune-5 created by the Library and Information Centre.

20. Separate Computer Training Centre for the Visually Impaired students of the college in association with the Poona Blind Men's Association and financially supported by Bajaj Finance Pvt. Ltd.
21. Angle Player Devices and Braille Books available in the Library for the Visually Impaired students.

**7.4 Contribution to environmental awareness / protection**

- Most of the document related work is done electronically which helps to save paper.

**7.6 SWOC Analysis of the Department**

**a. Strength:**

- Good and enthusiastic team.
- Automated Library and Information Centre.
- Institutional Repository and Digital Section of the Library providing access to subscribed and free e-resources.
- Provide required services to students. (e.g. Internet, Access to subscribed databases like NLIST, DELNET etc).
- Good collection of knowledge resources.
- Good quality racks and furniture.
- Library staff is supportive and ready to adopt and learn new techniques. e.g. Automation.
- Yearly Academic and Administrative Audit (AAA)
- Library orientation programmes are organized frequently.
- Application of ICT for providing library services.
- Quick response to the student queries related to Library.

**b. Weakness:**

- Lack of space

**c. Opportunities:**

- To increase library space in future

**d. Challenges:**

- Digitizebooks (selective)
- To attract techno savvy teaching staff towards library

**8.<u>Plans of Department for next year</u>**

- Digitizerare books
- Train the students and staff in using e-resources.
- Implementation of RFID Technology.

In the Academic Year 2022-23, the College Library and Information Centre organized several events, celebrated days as mentioned by the Government of Maharashtra and provided library services through offline and online mode. The College Library is automated using KOHA Integrated Library Management Software which is globally recognised by all libraries and has advanced features. The library has developed a separate College Library Website using KOHA which also provides the WebOPAC facility. The yearly report is as follows:

**A) Library Collection**

In the Academic Year 2022-23, the library purchased 1330 new books. The bifurcation is as follows:

- Senior College (Grantable): 1085
- Senior College (Non-Grantable): 14
- Junior College: 82
- Books received in Gratis: 149

The library is thankful to the following academicians, teachers and publishers for donating books to the College Library:

1) Prof. Dr. Gajanan Ekbote, Chairman, Progressive Education Society, Pune-5.
2) Prof. Shamkant Deshmukh, Secretary, P.E.Society; Vice-Principal and Head, Department of Computer Science, MCASC, Pune-5.
3) Dr. Rajendra Zunjarrao, Principal, MCASC, Pune-5.
4) Dr. Anjali Sardesai, Vice Principal and IQAC Coordinator, Head, Department of Animation, MCASC, Pune-5.
5) Prof. Balkrishna Yenage, Retd. Head, Department of Electronic Science, MCASC, Pune-5.
6) Prof. Vikram Phale, Director of Physical Education, MCASC, Pune-5.
7) Dr. Prerana Ubale, Head, Department of Hindi, MCASC, Pune-5.
8) Dr. Vaijayantimala Bhosale, Assistant Professor, Department of Marathi, MCASC, Pune-5.
9) Mrs. Dhanashree Deshmukh, Pune.
10) Mr. Hemant Sawle, Student, M.A. Marathi, MCASC, Pune-5.
11) Shri. Thatte Viay Chandra, Kolhapur.
12) Miss. Gyanvi Kakonia, Student, M.Sc Biotechnology, MCASC, Pune-5.
13) Bloomsbury Publishers, New Delhi.
14) Drishtiheen Kalyan Sangh, Pune.
15) Shri. Prakash Phadnis.
16) Mrs. Uma Raikar, Mumbai.
17) Dr. Amrita Priyam, Assistant professor, Department of Economics, MCASC, Pune-5.
18) Prof. Pradeep Kapre, Retd. Professor, Department of Statistics, MCASC, Pune-5.
19) Mrs. Bakre Sumangala, Pune.
20) Mr. Gaurav Narkhede, Student, TYBSc, MCASC, Pune-5.
21) Mrs. Muktaja Mathkari, Pune.
22) Mr. Amit Salunke, Junior Clerk, Library and Information Centre, MCASC, Pune-5.
23) Dr. Poonam Nagarkar, Department of Botany, MCASC, Pune-5.

**B) Special Events of the Library and Information Centre-**

**i) National Conference on Implementation of National Education Policy-2020 on 14th and 15th February 2023.**

The Department of Computer Science and the Library and Information Centre of Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 organised Two Days National Conference on 'Implementation of National Education Policy-2020 with special reference to Adoption of Guidelines on NHEQF and Curriculum Framework and Credit System for Four Year Undergraduate Programme (FYUP)' on 14th & 15th February 2023 under the Quality Improvement Programme of the Savitribai Phule Pune University, Pune. We owe the success of the conference to the continuous guidance, motivation and support of Hon'ble Prof. Dr. Gajanan Ekbote Sir, Chairman, P.E.Society; Hon'ble Prof. Dr.Mrs. Jyotsna Ekbote Madam, Joint Secretary, P.E.Society and Chairperson, CDC, Modern College, Pune-5. The National Conference received a participation of more than 340 participants from across the nation.

We are grateful to all the renowned Resource Persons for accepting our invitation and sparing time from their busy schedule to enlighten us and enrich us with the minute details and concepts of NEP-2020. The conference had a galaxy of illustrious resource persons like Prin. A. B. Deshpande, Prof. Dr. Nitin Karmalkar, Prof. Dr. R. S. Mali, Prof. Dr. Pandit Vidyasagar, Prof. Dr. Beena Inamdar, Shri. Anand Mapuskar, Prof. A.G. Gosavi, Prof. Dr. Rajesh Khambayat, Prof. Deepa Garag, Prof. Dr. Sanjay Kharat, Prof. Dr. Parag Kalkar and Panel Members like Prof. Dr. Manohar Chaskar, Prof. Dr. Deepak Mane, Prof. Dr. Sanjay Dhole, Prof. Dr. Sulabha Deuskar. The Valedictory Session was graced by the Video Message of Hon'ble Prof. Dr. Sanjeev Sonawane Sir (Pro Vice Chancellor, SPPU, Pune) and Dr. Munjaji Rasve, Deputy Registrar, SPPU, Pune. We are also thankful to Prof. Dr. Nivedita Ekbote Madam for being present during the Inaugural function on 14th February 2023.

My sincere thanks to the great pillar of support and motivation, Principal Dr. Rajendra Zunjarrao Sir, the untiring and dynamic Organising Secretary of the National Conference Vice Principal Prof. Shamkant Deshmukh Sir, all the Vice Principals, the Heads of the Departments, teaching and non-teaching staff members.

**ii) Display of Marathi Reference Sources during Marathi Bhasha Samvardhan Pandharwada: 18.01.2023**

On 18th January 2023, the Library and Information Centre, the Department of Marathi of P.E.Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 and Modern Institute of Business Management, Pune-5 displayed various genres of Marathi Books, Types of Reference Sources (Encyclopaedia, Dictionary, Etymological Dictionary etc.), Biographies and Autobiographies under the 'Marathi Bhasha Samvardhan Pandharvada (□□□ □□ □□□□ □□□) Celebrations.

The display of books was inaugurated by Principal Dr. Rajendra Zunjarrao Sir. Dr. Nisha Bhandare, Head, Department of Marathi and Dr. Shantashree Sengupta, Librarian introduced and explained the objective of the Marathi Bhasha Samvardhan Pandharvada and how reading is very important for us even in the digital age. Principal Sir addressed the students about the significance of reading and how it can impact one's life.

Dr. Vaijayanti Jadhav, Assistant Professor, Department of Marathi presented the Vote of Thanks and recited a poem on 'Books'. Dr. Gajanan Apine, Prof. Vind Pawar and Dr. Suresh Raskar, Assistant Professor of the Department of Marathi guided the students on their choice of books. Several students visited the display of books in the Library.

**iii) Display of Recent Publications in the Library: 03.10.2022**

A display of new books published in 2022-23, was organised by the library on 03rd October 2023. It was inaugurated by Principal Dr. R. S. Zunjarrao. Prof. S. S. Deshmukh, Dr. Amruta Oke, Dr. Anjali Sardesai, Dr. Vijay Gaikwad, Prof. S. S. Thengadi and many teaching and non-teaching faculty members were present during the exhibition.

**iv) Book Exhibition during National Librarians' Day 2022: 10th to 13th August 2022.**

The Library and Information Centre of Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 celebrated 'Azadi ka Amrit Mahotsav' and organised Granthotsav: A Festival of Books on the occasion of National Librarians' Day from 10th to 13th August 2022.

It received an overwhelming response from teaching, non-teaching staff members and students. The response of the exhibition proved how much people love to buy Print Books so much. Several Publishers, Book Sellers, Distributors were invited for the exhibition. Teachers and students brought their parents, friends to buy the books.

The Book Exhibition cum Sale of Academic and Non-academic books was organised under the guidance of Principal Dr. Rajendra Zunjarrao Sir. We are fortunate to always receive motivation and support to organise such activities, which will help in inculcating reading habits from P.E Society's Chairman Hon'ble Prof.Dr.G.R.Ekbote Sir; Prof.Dr.Mrs. Jyotsna Ekbote Madam, Joint Secretary, P.E.Society and Chairperson CDC; Prof. Shamkant Deshmukh Sir, Secretary, P.E.Society, Vice Principal and Head, Department of Computer Science.We are thankful to all for their support which made the exhibition a grand success.

**v) Orientation Session on Use of E-resources: 6th October 2022.**

On 6th October 2022, an Orientation session for the Faculty Members of the Department of English on 'Use of E-resources for Academic and Research purposes' was organised in the Library. Several Databases, E-resources, Academic Search Engine, UGC CARE List Journals, Open Access were introduced and discussed elaborately. We also discussed Google Scholar Citations and Institutional Repository. I am thankful to Prof. Alka Kamble, Head, Department of English, Modern College, Modern College, Pune-5 and all the faculty members for their enthusiastic approach in knowing about the resources and for the interactions held during the session.

**C) Library staff invited as Resource Person:**

Dr. Shantashree Sengupta, Librarian was invited as Resource Person in the following National Webinar/ State Level Webinars/ Institutional Webinars:

1) Panelist during Brainstorming Session on 'NEP-2020 and Libraries' in International Conference on Knowledge Organisation in Academic Libraries (I-KOAL) during 20th and 21st January 2023.
2) Delivered Online Session on 'Open Access Online Learning Resources for the Faculty of Science' during Ph.D Course Work on Research Methodology organised by K.T.H.M College, Nasik on 24th January 2023.
3) Delivered Online Session on 'Ethics in Academic Writing - Plagiarism' and 'Archival Data Collection' in the 10 Days Research Methodology Workshop in Social Sciences sponsored by ICSSR and organised by Bunts Sangha's S.M.Shetty College of Science, Commerce and Management Studies, Powai, Affiliated to the University of Mumbai on 28th April 2022.
4) International Conference I-KOAL 2022 with the theme of 'Digital Transformation: Moving towards developing Smart Libraries' in Tumkur from 22nd to 23rd April 2022 organised by the Department of Library & Information Science, Tumkur University, Tumkur, Karnataka and Library Professionals Association, New Delhi.

**E) 'MODLIB' Library E-Bulletin:**

The Library and Information Centre published monthly E-bulletins of 'MODLIB' and all the issues are accessible through the Institutional Repository.

**F) Seminars/Workshops attended by Library Staff:**

**1) Dr. Shantashree Sengupta, Librarian:**

- 20th to 29th January 2023: Attended One Week Online UGC - Approved Short-Term Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers' organised by IGNOU under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
- Attended Online Webinar on 'Opportunities for Libraries in NEP-2020' organised by KAKP Commerce and Science College, Jalgaon on 9th April 2023.
- DELNET-BIPL launch and Training of 'Drillbit Plagiarism Detection Software' organised by DELNET on 18th June 2022.
- 'DELNET Resources and Services' organized by Y.E.S's IIMS, Pune on 21st July 2022.

**2) Shri. Amit Salunke, Clerk-Library attended the following workshops:**

- Library Staff Training Workshop organized by Pune Jilha Parishad on 11th June 2022.

**3) Mrs. Sarika Sable, Clerk-Library attended the following workshops:**

- DELNET-BIPL launch and Training of 'Drillbit Plagiarism Detection Software' organised by DELNET on 18th June 2022.
- DELNET Resources and Services organized by Y.E.S's IIMS, Pune on 21st July 2022.

**4)** All the Library Staff Members attended the Two Days National Conference on Implementation of NEP-2020 organised by the Department of Computer Science and the Library and Information Centre, MCASC, Pune-5 during 14th and 15th February 2023.

**G) Faculty Achievements:**

- Awarded the prestigious *'Excellent College Librarian Award'* by the Library Professionals Association, New Delhi on 20th January 2023.
- Received Associate Guideship for Ph.D in Department of Library & Information Science, Savitribai Phule Pune University, Pune-7.
- Received Certificate of Admiration from DELNET, New Delhi for contributing 335 Recorded Educational Video Lectures to DELNET ViSiOn Portal in February 2023.

**H) Publications:**

- **Dr. Shantashree Sengupta, Librarian: 02**

a) Published Research Paper on 'Worldwide ETD Activities in 2021' in Journal of Electronic Theses and Dissertations (J-ETD, ISSN: 2788-7162), on 21st March 2023. The research paper was co-authored by Prof. Gail McMillan, Virginia Tech University, USA and Teresa Green, University of Toledo.

b) Presented paper on *'Innovative Services for Library and Information Centres in Digital Environment'* in International Conference on Redesigning Modern Library and Innovative Services in Digital Environment organised by the Library Professionals Association, New Delhi and C-DAC, Mumbai on 20th – 21st January 2023.

- **Shri. Amit Salunke, Junior Clerk, Library: 01**

Presented paper on '*Rashtriya Shaikshanik Dhoran 2020 aani Vaachan Kaushalya*' in National Conference on Implementation of the National Education Policy-2020 organised by the Department of Computer Science and the Library and Information Centre, P.E.Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 on 14th – 15th February 2023.

**I) Visitors in the Library and Information Centre:**

1) 23.3.2023: Dr. Latish K. Nikam, B.R. Gholap College, Sanghavi, Pune.
2) 21.3.2023: Ms. Devika Joshi and Ms. Ketaki Kulkarni, Rohan Prakashan, Shaniwar Peth, Pune.
3) 21.3.2023: Dr. Poonam Nikam, Dr. A.B. Savarkar, Dr. A.S.Kulkarni, Dr. D.B.Bansual and Dr. V.D.Chandhari: B.P.Arts, S.M.A Science and K.K.C Commerce College, Chalisgaon, Dist. Jalgaon.
4) 17.3.2023: Mrs. Pallavi Deshmukh, Karve Nagar, Pune.
5) 15.3.2023: Ms. Tereza Mensikova, Czech Republic, Masaryk University.
6) 15.3.2023: Tomos Hampejs, Czech Republic, Masaryk University.
7) 03.03.2023: Ms. Mahashweta Mukherjee, I-Teach PDU, Pune.
8) 03.03.2023: Ms. Shruti Deshpande, I-Teach PDU, Pune.
9) 29.11.2022: Shri. Kiran Choughule, Mukund Madhav Foundation, Pune.
10) 22.07.2022: Mrs. Tapasvi khairnar, Librarian, MMCC Law College, Pune.
11) 29.06.2022: Dr. Sambhaji Patil, Librarian, MET's Institute of Engineering, Bhujbal Knowledge City, Nasik.
12) 29.06.2022: Mr. Bhavesh Shinde, Librarian, Shri Saibaba College, Shirdi.
13) 28.05.2022: Mrs. Noorjahan Shaikh, Librarian, Abeda Inamdar Senior College of Arts, Science and Commerce (Autonomous), Pune.
14) 18.04.2022: Dr. Swati Barnabas, Librarian, IMSCDR, Ahmednagar.

**K) Events organised by the library in 2022-23 as per Government of Maharashtra Government Resolution:**

- Mahatma Jyotiba Phule Jayanti: 11th April 2022.
- Dr. Babasaheb Ambedkar Jayanti: 14th April 2022.
- Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2022.
- Mahatma Basweshwar Jayanti: 03rd May 2022.
- Dahshatvaad va Hinsachar Virodhi Diwas : 21st May 2022
- Maharana Pratap Jayanti : 25th May 2022.
- Swatantrayveer Savarkar Jayanti : 28th May 2022.
- Ahilyadevi Holkar Jayanti : 31st May 2022
- Shivswarajya Din: 06th June 2022.
- Rajarshi Shahu Maharaj Jayanti : 26th June 2022
- Vasantrao Naik Jayanti : 1st July 2022
- Lokmanya Bal Gangadhar Tilak Jayanti : 23rd July 2022

- Sahityaratna Annabhau Sathe Jayanti : 01st August 2022
- Krantisingh Nana Patil Jayanti : 3rd August 2022.
- Partition Horror Remembrance Day: 14th August 2022.
- Sadbhavna Diwas : 20th August 2022.
- Raje Umaji Naik jayanti : 07th September 2022.
- Keshav Sitaram alias Prabodhankar Thackeray Jayanti: 17th September 2022.
- Pandit Deendayal Upadhyay Jayanti : 25th September 2022.
- Mahatma Gandhi Jayanti :02nd October 2022.
- Lal Bahadur Shastri Jayanti : 02nd October 2022.
- Maharshi Valmiki Jayanti : 09th October 2022.
- Dr. A.P.J Abdul Kalam Jayanti : 15th October 2022.
- Indira Gandhi Punyatithi and Rashtriya Sankalp Diwas : 31st October 2022.
- Vallabhbhai Patel Jayanti and Rashtriya Ekta Diwas : 31st October 2022.
- Pandit Nehru Jayanti : 14th November 2022.
- Birsa Munda Jayanti : 15th November 2022.
- Indira Gandhi Jayanti and Rashtriya Ekatmata Din : 19th November 2022.
- Sanvidhan Diwas : 26th November 2022.
- Sant Santaji Jagnade Maharaj Jayanti : 08th December 2022.
- Dr. Bhuasaheb alias Panjabrao Deshmukh Jayanti: 27th December 2022.
- Savitribai Phule Jayanti : 03rd January 2023.
- Rajmata Jijau and Swami Vivekanand Jayanti : 12th January 2023.
- Netaji Subhash Chandra Bose Jayanti and Balasaheb Thackeray: 23rd January 2023.
- Sant Ravidas Maharaj Jayanti: 05th February 2023.
- Sant Sevalal Maharaj Jayanti: 15th February 2023.
- Chhatrapati Shivaji Maharaj Jayanti : 19th February 2023.
- Balshastri Jambhekar Jayanti: 20th February 2023.
- Sant Gadge Baba Jayanti and: 23rd February 2023.
- Yashwantrao Chavan Jayanti : 12th March 2023.
- Shaheed Din : 23rd March 2023.

**- Dr. Shantashree Sengupta**

Librarian, Library and Information Centre

# Fashion Technology

**DIQAC Composition and Activities 2020-21**

| Sr. No. | Name of the Staff Member | Designation | Mobile Number | Email id |
|---|---|---|---|---|
| 1 | Prof. Manasi Thakur | HoD and Chairperson of DIQAC | 9890529299 | hodfashtech@moderncollegepune.edu.in |
| 2 | Prof. Netra Todkar | Member 1 | 9604058106 | todkarfashtech@moderncollegepune.edu.in |
| 3 | Prof. Mansi Nagarkar | Member2 | 8554922094 | mansinagarkar5@gmail.com |
| 4 | Ms. Varsha Waikar | Member 3 | 9511254903 | varsha.waikar1992@gmail.com |
| 5 | Ms. Nikita Natekar | Member 4 | 9049489303 | nikitanatekar0@gmail.com |

2.11 No. of meetings with various stakeholders: No. Faculty 28

Non-Teaching Staff/ Students 8 Alumni 3 Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes: Workshops:

- Warli
- Madhubani
- Kalamkari
- Mata ni Pachedi
- Tie and dye (Bandhani)
- Fabric embellishment
- Creative Pattern Making
- Draping
- Paper Bag Making
- Fashion Styling
- Jackets and Frocks Manufacturing
- Product Development
- Fashion Accessories

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

**Departmental Events and Activities:**

Department organized the following events, visits and competitions in academic year 2022-23

i. **Fashion Show in Pune Metro:** TY B. Voc students walked down the ramp showcasing garments designed, stitched, styled and modeled by them in running metro on 4th March 2023. This was the first ever Fashion show to be conducted in running Metro in Pune. Passengers and students were mesmerized by the show.

ii. **Industrial Study Visit:** An industrial visit was organized to various garment manufacturing companies at Baramati Hi-Tech Textile Park on 5th December 2022. Students observed various machineries, apparel manufacturing process and different departments of Cotton King Pvt. Ltd, Peppermint (Kids Fashion Brand), Purple (Ladies Fashion brand).

**iii.** **An Exhibition- India @ 75** Students of Department of Fashion Technology organised 'India @ 75' as part Azadi Ka Amrit Mohotsav being celebrated all across the country. 'India @ 75' is an Exhibition of 75 creative expressions of hand crafted objects, exquisite paintings, elaborate illustrations, traditional artfacts, fabrics, drapes from different parts of India. Students and staff of the Department of Fashion Technology has painstakingly created these objects of desire to showcase the rich, diverse culture & tradition of India. The exhibition was inaugurated by Prof Dr Jyostna G Ekbote, Former Corporator (BJP) Pune Municipal Corporation & Joint Secretary, Progressive Education Society in the presence of Prof Dr R S Zunjarrao , Principal Modern College of Arts, Science & Commerce and Prof S S Deshmukh, Secretary, Progressive Education Society, Prof S S Thengadi, Vice Principal, Prof Dr Anjali Sardesai, Vice Principal and senior members of the institute on 10th August 2022. In her inauguration speech, Prof Dr Jyostna G Ekbote congratulated the students and staff for their unique tribute to the country through their creativity and sensitivity shown through their work of art. She urged the students to continue doing such good work which will inculcate patriotism and national pride in their minds. Your work will help propagate these sentiments and inspire others. She complimented the students to be part of Azadi Ka Amrit Mohotsav, displaying 75 different art and crafts of India on occasion of Azadi ka Amrut Mohostav was organized on **10th August 2022.** Honorable Prof. Dr. Jyostna Ekbote, Respected Principal R.S. Zunjarrao, Prof. S.S. Thengadi inaugurated the exhibition. Prof. S.S. Deshmukh, Secretary P.E. Society guided the students on this occasion.

**iv. Vyapar Mela 2022-23**

Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune- 05 held "Vypar Mela (Trade Fair Day) on 19th and 20th of January 2023 in college campus. The event was inaugurated by Chief Guest Mr. Nitin Naik (Founder, Director, CEO at Cubix Tech Integration Pvt. Ltd, Pune) and Principal Dr. R.S. Zunjarrao.

The objective of this event is to inculcate the entrepreneurial skills among college students. Vyapar Mela is an excellent opportunity provided to the students to learn how to start a business in minimum capital and selecting and presenting products according to customer demands. Good profit in minimum capital was achieved, which increased the student's confidence. From this event students learned that coordination and marketing strategies are key to run a successful business. The event provided a wonderful platform to students and helped in their all round development. It was a life time experience for students and also for staff members. Trade Faire day aims to showcase the indomitable spirit in students for the business, and to understand the business view.

The motto behind this event was to bring students and teachers together, interact and communicate to understand the board view of market and marketing techniques. This event teaches to understand students about benefits of business and create the approach towards it. It helped to develop their business skills. It also lead them to understand the forces of market (i.e.

demand and supply) and hence determined their product value and price. Students discovered the new techniques of financial management. Putting zero investment and gaining the profit was an extremely impressive way. Small games were discovered from social media reference, and this added a fun element in the mela. Students built their customer network with faculty members, non teaching staff and other students during these two days.

COVID 19 created awareness about cleanliness and health to all. This was observed in students as well. All students had maintained appropriate cleanliness. Value for money and health was inculcated during the lockdown which was reflected at the event.

National Education Policy stresses on practical based education. Vyapar Mela is one of the platform which tries to fulfill few aspects of the policy.

60 stalls with different varieties of products were arranged at the Vyapar Mela. Different services were showcased for the presentation and sale by the students. Few titles of the stalls included:

- Self made items.
- Homemade food items.
- Intelligent Brain Games.
- Body care products
- Tattoo Making
- Garments
- Fashion accessories
- Paintings etc.

Last but not least additional benefits on a emotional level were generated by the pleasure of unexpected encounters and new discoveries during the event. The most heart touching moment of the event was when all participating students felicitated Mr. & Mrs. Shelar (Sweeper) who helped them keep the venue clean and tidy.

Chief Guest Mr. Nitin Naik wished student's good luck and Principal Dr. R.S. Zunjarrao guided them about how to develop administrative approach; he also congratulated and encouraged the students.

The event was attended by Vice Principals, Heads, Teachers, staff and students of our college. Participation of all these members made the event successful.

Vyapar Mela 2022-23 received an overwhelming response.

iv. **Contemporary Mural Painting Module:** all students of Department of Fashion Technology took up a project of painting various artworks on classroom and department walls. Various motivational quotes and aesthetic designs were painted on the walls of the department by the students. Colours and material required was contributed by the students and teachers.

v. **Poster making Competition:** on **occasion of 192nd Jayanti of Savitribai Phule** a poster making competition was organized for SY B. Voc (FT & AD ) students on 3rd January 2023 at the Department. The theme for poster making was successful **women entrepreneurs of India**. The competition made students research and study various women entrepreneurs and present their struggle and success story in a captivating way. Students used various presentation mediums to make the posters. The theme inspired all the students to start their own business.

vi. **Paper Draping Competition:** On 3rd January 2023 paper draping competition was organized for FY B. Voc (FT & AD) students. Inspiration based newspaper designs were draped on mannequins. This competition taught many paper folding, cutting and pasting skills to first year students. They even had hands on experience of developing a concept and executing it appropriately.

vii. **Visit to Museum:** A visit to Raja Dinkar Kelkar Museum, Pune was arranged for FY and SY students. Antique textiles, garments, artifacts, paintings and much more told stories of their times to students. The level of fine craftsmanship amused the students and inspired them to sharpen their skills.

viii. **Exhibitions:** Two seasonal exhibitions showcasing and selling traditional textile, artifacts and creative products were visited by students. Artisans from every state of India had a showcase in the exhibition. Students were able to observe how to display the products in attractive manner and the way artists communicate with the audience. These exhibitions gave students real live demonstrations of how valuable our traditional art and crafts are. It also made them realizes that the market appreciates true skills.

ix. **Paper Bag making workshop:** Students should be able to give a pleasant experience to their costumers and so various branding techniques are important. Paper bag making workshop was conducted on the Garware Metro Station, Pune for all students of Fashion Technology on 4th March 2023.

**x. Career Counselling Session for TY students:** A special sessions providing valuable insights about "Starting to work in Garment Industry" was organized. Entrepreneur Ms. Ashu Patil guided TY students regarding various traits that students should keep in mind while perusing an internship and then while working in Fashion Industry on 15th December 2022 at the Department.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

| Plan of Action | Outcome Achieved |
|---|---|
| Organise Various skill oriented departmental competitions and workshops | • Develop thought process and idea execution<br>• Exploration of various materials and its utility.<br>• Enhance writing skill through presenting the project. |
| Organize hands on modules for Garment Construction (Stitching) | • Bespoke pattern making.<br>• Various construction techniques as per the pattern.<br>• Value addition embellishments |
| Organize Visits to museums and handicraft exhibitions. | • Awareness about traditional skills<br>• Creating livelihood through acquired skill.<br>• Planning and product development<br>• Customer handling |
| Power point Presentation from students on various topics | • In-depth knowledge about the selected topic.<br>• Confidence in body posture, eye to eye contact, volume and tonal difference in voice.<br>• Appropriate dressing sense for presentation. |
| Topic wise individual presentations. | • Increased communication confidence<br>• Increased command in language<br>• Improved presentation and observation skills. |

** Attach the Academic Calendar of the year as Annexure.*

Part – B

1.1.2 Programmes for which syllabus revision was carried out during the Academic year

| Name of programme | Programme Code | Dates of revision |
|---|---|---|
| B. Voc (FT & AD) | BvFstU | Research work as per NEP norms. |
| | - | - |
| | | |

| 1.1.3 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year | | | |
|---|---|---|---|
| **Programme with Code** | **Date of Introduction** | **Course with Code** | **Date of Introduction** |
| **-** | **-** | **-** | **-** |
| **All subjects are 100% skill based and focused on employability. Students start to earn a livelihood after completion of 1st semester itself.** | | | |

| 1.2.1 New programmes/courses introduced during the Academic year For already adopted (mention the year) | |
|---|---|
| Programme/Course | Date of introduction |
| - | - |

| 1.2.2 ***Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System:*** | |
|---|---|
| Programme/Course | Date of introduction |
| - | - |

1.3.2 Value-added courses imparting transferable and life skills offered during the year

| 1.3.3 ***Number of students enrolled in the courses under 1.3.2 above:*** | | |
|---|---|---|
| Value added courses | Date of introduction | Number of students enrolled |
| 1.3.4 Field Projects / Internships under taken during the year | | |
| Project/Programme Title | No. of students enrolled for Field Projects / Internships | |
| **B. Voc (Fashion Technology & Apparel Designing)** | **20** | |

| **2.3.2 Teaching - Learning Process** |
|---|
| 2.3.2 Percentage of teachers using ICT foreffective teaching with Learning Management Systems (LMS), E-learningresourcesetc. (current year data) (***Teachers use ICT-enabled tools including online resources for effective teaching and learning:*** ) 48% |

| Name of the teacher | Teaching Only UG | Teaching Only PG | Teaching UG and PG Both |
|---|---|---|---|
| Prof. Manasi Thakur | Yes | - | - |
| Prof. Netra Todkar | Yes | - | - |
| Prof. Mansi Nagarkar | Yes | - | - |
| Ms. Varsha Waikar | Yes | - | - |
| Ms. Nikita Natekar | Yes | - | - |

2.3.3 Students mentoring system available in the institution? Give details. (maximum 500 words)

Prepare separate list of Mentor-mentee committee for every class of your department

| Class | Name of the mentor | Students Roll No. | Name of the student |
|---|---|---|---|
| FY B. Voc | Ms. Varsha Waikar | Attached | Attached |
| SY B. Voc | Prof. Manasi Thakur | | |
| TY B. Voc | Prof. Netra Todkar | | |

**Honours and recognitions received by teachers**
*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

3.1.2 The institution provides seed money to its teachers for research,
(registration fees reimbursed for attending conferences, seminars can be considered here
Yuva Sanshodhak amount can also be considered here)

3.1.3 Teachers awarded National/International fellowship for advanced studies/ research during the year

3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations

Pl provide the list

3.2.2 ***Number of teachers having research projects during the year:***

3.3.2 Workshops/Seminars Conducted on Intellectual Property Rights **(IPR)** and Industry-Academia Innovative practices during the year

Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Details of faculty from the Institution who are Ph. D. Guides and students registered under them

3.4.2 Details of Ph.D. students registered in research centers

Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) ( JRF, SRF, Project Fellows, Any other)

3.4.3 Research Publications in the Journals notified on UGC website during the year

| 3.4.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year | | | | | |
|---|---|---|---|---|---|
| Sr. No | Name of the Staff Member | Book Title | Publisher Name | ISBN Number | Year of publication |
| 1 | Manasi Thakur | Aspects of the National Education Policy 2020 | Abhiruchi Publications | 978-81-957783-7-9 | 14 February 2023 |

***3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed***

3.4.4 Patents published/awarded during the year

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

Details of Conferences / seminars/ symposia/ lecture series / guest lecturers conducted by the department

3.5.1 Revenue generated from Consultancy during the year

3.5.2 Revenue generated from Corporate Training by the institution during the year

**3.6 Extension Activities**

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

**3.7 Collaborations**

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| 4.3 IT Infrastructure | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4.3.1 Technology Up gradation (overall) | | | | | | | | | |
| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Available band width (MGBPS) | Others |
| Existing | 27 | 0 | LAN/ Wifi | - | - | - | - | - | E-vehicle charging point |
| Added | - | - | - | - | - | - | - | - | - |
| Total | 27 | | | | | | | | |
| | | | | | | | | | |

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

5.2.1 Details of campus placement during the year

5.2.3Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

5.3.2 No. of registered Alumni:

5.3.3 Alumni contribution during the year (in Rupees) **:**

5.3.4 Meetings/activities organized by Alumni Association **:**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.3 Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

6.3.4 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.5.2 Activities and support from the Parent – Teacher Association (at least three)

6.5.3 Development programmes for support staff (at least three)

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

High Skilled Curriculum and practical based workshops( 10-12 skills) in minimum Admission fees.

6.3.2 Teaching and Learning: Various modules developed for deeper understanding of the topics along with hands on experience.

6.3.3 Examination and Evaluation: evaluation as per yearly performance rather than year end submissions.

6.3.4 Research and Development: Use of design thinking for every academic module.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

6.3.6 Human Resource Management: Maximum practical based outcome from available resourses.

6.3.7 Faculty and Staff recruitment:

6.3.8 Industry Interaction / Collaboration

Positive Industry interaction for student internship.

6.3.9 Admission of Students: Departmental counselling for admission procedure.

6.11 Activities and support from the Alumni Association: None

6.12 Activities and support from the Parent – Teacher Association: None

6.13 Development programmes for support staff:

6.14 Initiatives taken by the institution to make the campus eco-friendly:

**7. <u>Innovations and Best Practices</u>**

1. Give Best Practices of the Department

- 100% lectures conducted.
- Personal interaction with students
- 100% ITC teaching techniques
- Personal E-content development

2 Contribution to environmental awareness / protection

Generating minimum textile waste.

3. SWOC Analysis of the Department

1. Strengths:

- Skill based programme, that helps students earn livelihood.
- Qualified and devoted staff.

- Student's maximum attendance is appreciable.
- Student's practical skills are developed and polished very well, this boosts their confidence for working in the industry.
- Students are capable of working at various positions like designer, production supervisor, merchandisers, teacher, embroiderer, master, and tailor.
- Department is capable of executing mass production.

2. Weakness:

- Number of labs are insufficient.
- More skill based expert lectures should be scheduled.

3. Opportunities:

- Department is capable of executing mass production.
- Placement opportunities in fashion and production industry.

4. Challenges:

- To become well known for imparting quality fashion education.
- Website updates
- Aggressive Marketing

**Plans of Department for next year**

- Good advertisement of the courses
- Introduce Fast track Add on skill based courses.

Mentor: Prof. Varsha Waikar
Mentee : FY B. Voc(FT & AD) 2022-23

| | |
|---|---|
| 1 | Shraddha Rathod |
| 2 | Dipti Shelke |
| 3 | Supriya Pawar |
| 4 | Chaitrali Kakade |
| 5 | Kartiki Mandale |
| 6 | Sharmishta Shinde |
| 7 | Anannya Benke |
| 8 | Heyden Fernandes |
| 9 | Uday Patange |
| 10 | Pooja Barule |
| 11 | Shraddha Mohite |
| 12 | Ankita Dange |
| 13 | Komal Chaudhary |
| 14 | Anil Chavan |
| 15 | Ritesh Dhar |
| 16 | Tanishka Jagtap |
| 17 | Tanaya Kurpe |
| 18 | Pranali Mane |
| 19 | Neha Borade |
| 20 | Sayali Mokashi |

| | |
|---|---|
| 21 | Amruta Gavane |
| 22 | Kalyani Yadav |
| 23 | Meghana Bindal |
| 24 | Revati Dhumal |
| 25 | Divya Choudhary |
| 26 | Rohini Renuse |
| 27 | Sanika Mehtre |
| 28 | Shravani Nimbalkar |
| 29 | Dipika Karli |
| 30 | Archana Shelar |
| 31 | Soni Chopade |
| 32 | Sanskruti Mandlik |
| 33 | Nikita Shelke |
| 34 | Pratiksha Mohol |
| 35 | Shraddha Tanpure |

Mentor: Prof. Manasi Thakur
Mentee: SY B. Voc(FT & AD) 2022-23

| | |
|---|---|
| 1 | Nair Devika Sudheer |
| 2 | Shinde Gauri Dilip |
| 3 | Landge Rudrani Subhash |
| 4 | Dhile Sakshi Ganesh |
| 5 | Mahadik Sandhya Sudhir |
| 6 | Mavinkar Shilpa Shivrudra |
| 7 | Shetiya Rajnandini |
| 8 | Jagdale Gauri Yuvraj |
| 9 | Sutar Urvi Jayant |
| 10 | Parkale Nikita Nandkishor |
| 11 | Gurram Atharva Shrinivas |
| 12 | Ingale Neha Ashok |
| 13 | Lokhande Vaishnavi |
| 14 | Mastud Sanjana Sanjay |
| 15 | Saykar Gayatri Keshav |
| 16 | Nalawade Rutuja Jitendra |
| 17 | Kharmate Shreya Suresh |
| 18 | Birangal Komal Sugreev |
| 19 | Modi Tanishka Anupkumar |
| 20 | Borkar Vedashree |
| 21 | More Vaishnavi Narayan |
| 22 | Sodal Athrava Sanjay |
| 23 | Deshmukh Monika Ramesh |
| 24 | Jadhav Vaishnavi Prashant |
| 25 | Musmade Priyanka Ganesh |
| 26 | Tilekar Prajakta |

| | |
|---|---|
| 27 | Shinde Anushka |
| 28 | Bhaliya Gauri |
| 29 | Jondhale Harshada |
| 30 | Gawali Gauri |
| 31 | Pawar Sanika |
| 32 | Samudre Sakshi |
| 33 | Waykos Shruti |
| 34 | Lokhande Nikita |
| 35 | Kumbhar Muktabai |
| 36 | Patil Manali |
| 37 | Jadhav Sheetal |
| 38 | Shete Avantika |
| 39 | Dhulshetty Rupali |

Mentor: Prof. Netra Todkar
Mentee: SY B. Voc(FT & AD) 2022-23

| | | |
|---|---|---|
| 1 | Leena | Desale |
| 2 | Riddhi | Damse |
| 3 | Rohini | Naiknaware |
| 4 | Rutuja | Sawant |
| 5 | Sakshi | Sakpal |
| 6 | Sangita | Gore |
| 7 | Bhavana | Raner |
| 8 | Sakshi | Padarate |
| 9 | Swejal | Chirde |
| 10 | Gauri | Dhadage |
| 11 | Mugdha | Chate |
| 12 | Rushika | Ballewar |
| 13 | Prerna | Raut |
| 14 | Shivani | Arsul |
| 15 | Shraddha | Belokar |
| 16 | Pranali | Gavade |
| 17 | Shraddha | Kanse |
| 18 | Aishwarya | Shete |
| 19 | Sayali | Pawar |
| 20 | Rohini | More |
| 21 | Sayali | Kand |
| 22 | Supriya | Murkute |
| 23 | Priti | Wagh |
| 24 | Nikita | Golande |
| 25 | Samiksha | Dandekar |
| 26 | Renuka | Jarwal |
| 27 | Harshada | Gaikwad |

Departmental Academic Calendar 2022-23

| Sr. No | Year | Commencement Odd Semester | Conclusion | Commencement Even Semester | Conclusion |
|---|---|---|---|---|---|
| 1 | SY, TY B. Voc (FT & AD) | 20 June 2022 | 31/10/2022 | 15 November | 30 April 2023 |
| 2 | FY B. Voc (FT & AD)) | 22/7/2023 | 31/10/2022 | 15 November | 30 April 2023 |

- **Bachelors in Vocation (B. Voc Fashion Technology & Apparel Designing)**

  The B. Voc (**Bachelors in Vocation)** course has reached the nooks and corners of Maharashtra. This education program is giving students much needed confidence to build their career for self reliance and economic growth. Vocation education in Fashion Technology & Apparel Designing is effective for livelihood development for our students. The new education policy talks about the same. The government has implemented this policy of merging the formal and non formal education by way of NSQF levels (National Skill Qualification Framework). Keeping in mind the same, the Fashion Technology Department has signed MoUs with various fashion and design industries.

- We have successfully completed four batches of B. Voc in A.Y. 2022-23. Every passed student is working at various positions in the Fashion industry and are earning smartly. The practical and industry oriented curriculum has resulted in generating an earning source for every student.

**Departmental Achievement:**

- Department of Fashion Technology Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 5 received **Education Excellence Award 2022** by Sakal. This achievement was possible because of the visionary guidance of Honorable Prof. Dr. G.R. Ekbote. We are thankful to Principal Dr. R.S. Zunjarrao for believing in us.

**Student Achievements**

i. 100% students of the final year batch (A.Y. 2022-23) have successfully completed their internship. The curriculum of the course is **in alignment with National Education Policy 2020** and this has been the key for the success of the students.

ii. Student Sayali Pawar has been placed at Designer Anita Dongre, Navi Mumbai. The placement was offered to her during her internship at the design house.

iii. Student Rohini More is placed at well known Men's Fashion Brand- Nautica as retail merchandiser.

iv. Student Sunil Salunke has earned a job at Multinational brand GAP.

v. Student Parvej Shaikh has started two enterprises of bespoke Men's wear Designer studio-Suit Gallery at Srirampur, Ahemdnagar and second one at Loni Kalbhore, Pune. He also designs and manufactures for various male actors in Marathi Film industry to name a few Shiv Thakare and Siddharth Nigam

vi. Students Shravani Jadhav and Snehal Khopade are very successfully working as costume designers and stylists in the Marathi film industry.

vii. Student Omkar Kalekar has become a certified vendor to manufacture school uniforms of Zilla Parishad Schools in and around Pawana and Lonavale. His B. Voc degree in Fashion Technology earned him the eligibility for gaining the vendorship. He has also started taking up small freelance projects to develop virtual garment designs using design software – Clo 3D.

viii. Student Mudra Vandkar is successfully running her design studio in Ratnagiri. She manufactures designer blouses and rents out garments for various photo shoots.

ix. Above mentioned are a few of the students. Many more students are undertaking orders for designing and styling for various photo shoots (pre wedding, baby shower, festival shoots,

etc). They are using **Computer Aided Designing** and are able to manage multiple orders simultaneously. On an average they are able to earn a minimum 15 to 18 thousand per month.

**Departmental Events and Activities:**

Department organized the following events, visits and competitions in academic year 2022-23

i. **Fashion Show in Pune Metro:** TY B. Voc students walked down the ramp showcasing garments designed, stitched, styled and modeled by them in running metro on 4th March 2023. This was the first ever Fashion show to be conducted in running Metro in Pune. Passengers and students were mesmerized by the show.

ii. **Industrial Study Visit:** An industrial visit was organized to various garment manufacturing companies at Baramati Hi-Tech Textile Park on 5th December 2022. Students observed various machineries, apparel manufacturing process and different departments of Cotton King Pvt. Ltd, Peppermint (Kids Fashion Brand), Purple (Ladies Fashion brand).

iii. **An Exhibition- India @ 75** Students of Department of Fashion Technology organised 'India @ 75' as part of Azadi Ka Amrit Mohotsav being celebrated all across the country. 'India @ 75' is an Exhibition of 75 creative expressions of hand crafted objects, exquisite paintings, elaborate illustrations, traditional artifacts, fabrics, drapes from different parts of India. Students and staff of the Department of Fashion Technology have painstakingly created these objects of desire to showcase the rich, diverse culture & tradition of India. The exhibition was inaugurated by Prof Dr Jyostna G Ekbote, Former Corporator (BJP) Pune Municipal Corporation & Joint Secretary, Progressive Education Society in the presence of Prof Dr R S Zunjarrao , Principal Modern College of Arts, Science & Commerce and Prof S S Deshmukh, Secretary, Progressive Education Society, Prof S S Thengadi, Vice Principal, Prof Dr Anjali Sardesai, Vice Principal and senior members of the institute on 10th August 2022. In her inauguration speech, Prof Dr Jyostna G Ekbote congratulated the students and staff for their unique tribute to the country through their creativity and sensitivity shown through their work of art. She urged the students to continue doing such good work which will inculcate patriotism and national pride in their minds. Your work will help propagate these sentiments and inspire others. She complimented the students to be part of Azadi Ka Amrit Mohotsav, displaying 75 different art and crafts of India on occasion of Azadi ka Amrut Mohostav was organized on **10th August 2022.** Honorable Prof. Dr. Jyostna Ekbote, Respected Principal R.S. Zunjarrao, Prof. S.S. Thengadi inaugurated the exhibition. Prof. S.S. Deshmukh, Secretary P.E. Society guided the students on this occasion.

iv. **Contemporary Mural Painting Module:** all students of the Department of Fashion Technology took up a project of painting various artworks on classroom and department walls. Various motivational quotes and aesthetic designs were painted on the walls of the department by the students. Colours and material required was contributed by the students and teachers.

v. **Poster making Competition:** On the occasion **of 192nd Jayanti of Savitribai Phule** a poster making competition was organized for SY B. Voc (FT & AD ) students on 3rd January 2023 at the Department. The theme for poster making was successful **women entrepreneurs of India**. The competition made students research and study various women entrepreneurs and present their struggle and success story in a captivating way. Students used various presentation mediums to make the posters. The theme inspired all the students to start their own business.

vi. **Paper Draping Competition:** On 3rd January 2023 paper draping competition was organized for FY B. Voc (FT & AD) students. Inspiration based newspaper designs were draped on mannequins. This competition taught many paper folding, cutting and pasting skills to first year students. They even had hands-on experience of developing a concept and executing it appropriately.

vii. **Visit to Museum:** A visit to Raja Dinkar Kelkar Museum, Pune was arranged for FY and SY students. Antique textiles, garments, artifacts, paintings and much more told stories of their times to students. The level of fine craftsmanship amused the students and inspired them to sharpen their skills.

viii. **Exhibitions:** Two seasonal exhibitions showcasing and selling traditional textile, artifacts and creative products were visited by students. Artisans from every state of India had a showcase in the exhibition. Students were able to observe how to display the products in an attractive manner and the way artists communicate with the audience. These exhibitions gave students real live demonstrations of how valuable our traditional art and crafts are. It also made them realize that the market appreciates true skills.

ix. **Paper Bag making workshop:** Students should be able to give a pleasant experience to their customers and so various branding techniques are important. Paper bag making workshop was conducted on the Garware Metro Station, Pune for all students of Fashion Technology on 4th March 2023.

x. **Career Counseling Session for TY students:** A special session providing valuable insights about "Starting to work in the Garment Industry" was organized. Entrepreneur Ms. Ashu Patil guided TY students regarding various traits that students should keep in mind while pursuing an internship and then while working in the Fashion Industry on 15th December 2022 at the Department.

- **Teachers Contribution:**

  All teachers of the Department – Prof. Manasi Thakur, Prof. Netra Todkar, Prof. Varsha Waikar, Prof. Mansi Nagarkar, Prof. Nikita Natekar have worked dedicatedly and given their best of skills to students which have helped them become independent.

  Please visit Departments Instagram account: @modernfashiontechnology

**- Prof. Manasi Thakur**

Head, Dept. of Fashion Technology

# Art Circle

Part – B

| 5.2.4 Sports and cultural activities / competitions organised at the institution level during the year 2022-23 | | |
|---|---|---|
| Activity | Level | Participants |
| Acting selection Workshop | College | 100 |
| Kalasaptaha | College | 350 |

| ***5.3 Student Participation and Activities*** | | | | | | |
|---|---|---|---|---|---|---|
| ***5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)*** | | | | | | |
| ***Year*** | ***Name of the award/ medal*** | ***National/ International*** | ***Sports*** | ***Cultural*** | ***Student ID number*** | ***Name of the student*** |
| ***2022*** | ***3rd Prize for Sanjeev Karandak*** | ***Intercollegiate Level*** | ***-*** | ***Purushottam Karandak 2022*** | | |
| ***2022*** | ***1st Prize for Bharat Karandak*** | ***State Level Open Marathi One Act Competition*** | ***-*** | ***Bharat Karandak 2022*** | | |

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

*Please provide the scan copies of certificatesas annexure*

No. of students participated in cultural events

| Sr. No. | Name of the Student | Cultural Event | Level (Int./National/ State/ Univ./ Other) | Medal Won |
|---|---|---|---|---|
| 1. | Akanksha Pawar | Purushottam Karandak 2022 | Intercollegiate Competition | Consolation Acting Prize |
| | | Bharat Karandak 2022 | State Level Open Marathi One Act Competition | Consolation Acting Prize |
| | | Purushottam Mahakarandak 2022 | | Consolation Acting Prize |
| 2. | Shounak Kulkarni | Bharat Karandak 2022 | State Level Open Marathi One Act Competition | Special Prize (विशेष लक्षवेधी) |
| | | Purushottam Mahakarandak 2022 | State Level Intercollegiate Competition | Best *Vaachik* Acting Prize |
| | | Firodia Karandak 2023 | Intercollegiate Multi Talent Competition | Folk music Singing Prize |
| | | Firodia Karandak 2023 | Intercollegiate Multi Talent Competition | Duet Singing Prize |

| | | | | |
|---|---|---|---|---|
| 3. | Anuja Joshi | Purushottam Karandak 2022 | Intercollegiate Competition | Consolation Acting Prize |
| | | Firodia Karandak 2023 | Intercollegiate Multi Talent Competition | Duet Singing Prize |
| 4. | Kavya Iyer | Firodia Karandak 2023 | Intercollegiate Multi Talent Competition | Best Violin Player Prize (2nd) |
| 5. | Pratiksha Shelar | Purushottam Karandak 2022 | Intercollegiate | Best Director Prize (1st) |
| | | Bharat Karandak 2022 | State Level Open Marathi One Act Competition | Best Director Prize (1st) |
| | | Bharat Karandak 2022 | State Level Open Marathi One Act Competition | Consolation Writing Prize |
| 6. | Shubham Mohite | Bharat Karandak 2022 | State Level Open Marathi One Act Competition | Best Set Prize (1st) |
| 7. | Arya Adsule | Bharat Karandak 2022 | State Level Open Marathi One Act Competition | Best Music Prize |

*Please provide the scan copies of certificatesas annexure*

5.9.2 No. of medals /awards won by students in Sports, Games and other events

*Please provide the scan copies of certificates as annexure*

5.11 Student organised / initiatives

*Please provide the scan copies related letters as annexure*

- **Kala Saptah:** A week of various competitions was organized for identifying the talent of students. The week was celebrated from 27th September 2022 to 30th September 2022. We organized Solo acting, Instrumental music, Poster painting, Dance, Mehendi, Rangoli, Photography, Story-telling, Poetry recitation, Play reading and singing competitions . Our Art circle members Prof. Renu Bhalerao, Prof. Archana Apte, Dr. Vaishali Aher, Prof. Rupali Aher, Prof. Shweta Jawale, Prof. V. B. Suryavanshi, Prof. Mrs. Bhakti Kapre, Prof. Varada Sahastrabuddhe, Mrs Swati Patwardhan, Mr. Raghvendra Shavalkar, Mr.Ingale Shivraj, Mr T.G. Gandi, Mr. Vijay Gogavale were in the organizing team.
- Rotary club Shivajinagar,Pune sponsored the cash prizes of Rs.5000/- for "Kalasaptah". The club also provided us with renowned judges for this competition.
- Prize distribution ceremony was organized on 11th October 2022. Well known TV artist Mr. Varun Bhagvat was a chief guest for the function.

**Annual Social Gathering:**

- Annual Social Gathering of our college was organized on 27th ,28th January 2023. Along with it Black and White day and Traditional Dress day were enjoyed by students. All Art circle staff members worked in various committees of Annual Social Gathering.

**Art Circle members achievements:**

1. Art circle chairperson Prof Ashok V Kamble participated in One act play "Kinara" as a lead actor and won first prize for acting. This one act play competition was organized by Rotary Club of Shivajinagar Pune.
2. Dr Vaishali Aher worked as judge for cultural event organized by P.E. Society's Modern College of Physiotherapy. Also won first prize in the Surya Namaskar competition organized by our Sports department.
3. Mrs Swati Patwardhan worked as voice over artist for various commercial advertisements.

4. Mrs Bhakti Kapre won third prize in the Surya Namaskar competition organized by our Sport department.
5. Mrs. Renu Bhalerao wrote a few articles for 'Kutuhal' in marathi paper Loksatta. She also won prizes in Drama and Dance competitions held by Paranjape builders.

**Workshop/Auditions**

1. In the month of July, a selection workshop for Purushottam Karandak was conducted by our Drama group students. Pratiksha Shelar, Akanksha Bhalerao, Akanksha Pawar, Rutvik Samel conducted this two day workshop.
2. Firodiya Karandak workshop was organized. Well known marathi play director Mr. Suraj Parasnis guided our students.
3. There was also a workshop held by a dance group in the month of November. There were many college students who showed enthusiasm for this workshop. These students were further selected to compete in inter-college competitions.
4. Music Workshop for various competitions was conducted by our students. More than 50 students were present for this workshop.

**Intercollegiate Drama Competition:** Students from our college participated in various intercollegiate drama competitions and won prizes in the following competitions .

a. Purushottam Karandak: One act Play "**Gabhara**" written and directed by Pratiksha Shelar . Pratiksha Shelar won Best Director Award, Akanksha Pawar, Anuja Joshi won Award for Acting (consolation). Also this One Act Play entered in finals and won SANJEEV KARANDAK.

b. Bharat Karandak: : One act Play "**Gabhara " written** and directed by Pratiksha Shelar . Pratiksha Shelar won Best Director Award and Best Writer Award , Akanksha Pawar won Award for Acting (consolation). Shaunak Kulkarni won Special Award "Lakshavedhi Abhineta ", Aarya Adsule won the prize for Best Music Operator. Shubham Mohite, Shloke Ninave, Dhavel Takavel won award for Best Set Also this One Act Play entered in finals and won First prize "Bharat Karandak".

c. Suman Karandak : One act Play "Kai Samajleev" was presented in this Play Reading Competition

d. Vinodottam Karandak : One act Play "Nirop" was presented in this competition. Prasad Mardhekar Directed this play.

e. Atal Karandak : One act play "Gabhara" was presented in this competition held at Panvel(Mumbai)

f. Maha Karandak : One act Play "**Gabhara**" written and directed by Pratiksha Shelar was selected in State Level Competition "Purushottam Maha Karandak". Akansha Pawar won the Award for Acting(consolation). Shaunak Kulkarni won the "Vachik Abhinay".

g. Firodiya karandak: Group of 33 students participated in this competition. One act play "Morya", was presented in this competition. Shaunak Kulkarni got a prize for Folk song, Piano (Key-board) playing. Kavya Iyer got second prize for violin playing. Anuja Joshi, Shaunak Kulkarni got first prize for duet singing. Next year (2024) we are eligible for the Primary round of Firodiya Karandak directly.

**Intercollegiate Music Competition:**

1. MIT (Aarohan) Kothrud Pune

   **Team Members –** Deep Vaidya, Shaunak Kulkarni, Chandresh Chavan, Sharvari Joshi, Anushka Jog, Aarya Adsule**,** Avani Kabra.

   We thank our Principal Dr. R.S. Zunjarrao and Vice principal Dr. Amruta Oke, for their constant support and encouragement. Also we are thankful to Mr. Vilas Lad, Mr. Shendkar, Mr. Prakash Sable, Mrs. Swati Patwardhan, from account section and Mr. Shawalkar, Mr. Dhananjay Shendkar, Mr. Amol Ghane, all non teaching staff of college and members of Art circle for their active support.

**- Prof. Ashok Kamble**

Chairman, Art Circle

# National Cadet Corps –NCC

**3.21 No. of students Participated in NCC events:**

| | | | |
|---|---|---|---|
| University level | | State level | |
| National level | - | International level | - |

**3.23 No. of Awards won in NCC:**

| | | | |
|---|---|---|---|
| University level | | State level | |
| National level | - | International level | - |

**3.25 No. of Extension activities organized**

| | | | | | |
|---|---|---|---|---|---|
| University forum | - | College forum | | | |
| NCC | | NSS | | Any other | - |

**3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility.**

**6.14 Initiatives taken by the institution to make the campus eco-friendly**
***(please mention activities by NSS related to echo-friendly nature)***

## ARMY WING: 36 MAH BN NCC

NCC Army wing of our college undertook various activities in the year 2022-23 under the leadership of ANO Lt.K.D.Gopale.

**Cadets Strength of Army wing**

| No. | year | SD | SW | cadets |
|---|---|---|---|---|
| 1 | III | 07 | 09 | 16 |
| 2 | II | 10 | 04 | 14 |
| 3 | I | 9 | 10 | 19 |

**Participation of Cadets in National level**

1. Suo Akansha Biradar participated in Guard of honour in Republic Day Camp
2. Suo Sanskruti Ghag participated in Thal Sainik Camp
3. Suo Kartik Navale participated in National shooting championship
4. Suo Ektha Kalalkar participated in Thal Sainik Camp
5. Cdt Ganesh Ingavale participated in National shooting championship

Participation of Cadets in Inter Group Competition

1. CDT Harshal Ahire participated in Thal Sainik Camp-IGC
2. CDT Karan Wakikar participated in Shooting Camp-IGC
3. CDT Pankaja Patil participated in Shooting Camp and Thal Sainik Camp-IGC
4. CDT Dipti Mishra participated in Republic Day Camp -IGC
5. CDT Rounak Yedlellu participated in Republic Day Camp -IGC And Army Attachment Camp
6. CDT Ajinkya More participated in Army Attachment Camp
7. CDT Abhishek Singh participated in Army Attachment Camp

**Camp Achievements of Cadets**

1. Suo Sanskruti Ghag won silver medal in IGC and awarded by best firer till pre-TSC
2. Suo Ektha Kalalkar awarded by best firer till pre-TSC
3. Suo Kartik Navale won Gold medal in IGC and won silver medal in G V Mavalankar Selected as BEST CADET of the army attachment camp of guard regimental centre at Kamptee
4. Cdt Ganesh Ingavale won Gold medal in Inter directorate shooting championship

**Cadets participation in social activities**

1. Yoga Day(College Assembly Hall & NCC Group Headquarter)
2. Blood donation (Sassoon hospital)
3. Tree Plantation

**- Lt. K. D. Gopale**
Army Wing

# NAVY WING 3 MAH NAVAL

### 3 MAH NAVAL UNIT, DIV VII

**Strength of NCC Cadets (NAVAL):-**

| YEAR | I YEAR | II YEAR | III YEAR |
|---|---|---|---|
| **SD** | 12 | 12 | 08 |
| **SW** | 09 | 04 | 05 |
| **TOTAL** | 21 | 16 | 13 |

NCC NAVAL Wing of our College undertook various activities in the year 2022-2023 under the leadership of Lt. Cdr. A. V. Kamble and CC Chintaman Burse, and also participated in many camps.

1. CATC 709 :- 09 SD's and 05 SW's participated in the camps. Held at Gp. HQ, Pune from 23rd June 2023 to 30th June 2023.

   CC Chintaman Burse, PO Cdt. Shivam Shetwad, PO. Cdt. Sonia Yenpure, PO. Cdt. Aniket Babar, Ldg. Cdt. Tanuja Talikhede, Cdt. Pratiksha More , Cdt. Samiksha More, Cdt. Anurag Phand, Ldg. Cdt. Kiran Auty, Ldg. Cdt. Harshika Kale, Cdt. Dhananjay Shinde, Cdt. Shantanu Kumbhar, Cdt. Prathmesh Sonavane, Cdt. Ashish Patil.

2. Three Cadets participated in RDC- 2023 (REPUBLIC DAY CAMP), held at NEW DELHI from 29 Dec 2022 to 29 Jan 2023.

   CC. Chintaman Burse - All India Best Cadet Rank 04

   Ldg. Cdt. Tanuja Talikhede - Ship Modelling and PM Rally.

   PO. Cdt. Aastha Singh – All India Best Cadet Rank 01

3. One Cadet Participated in AINSC-2023 (ALL INDIA NAU SAINIK CAMP) held, at INS Visakhapatnam.

   Cdt. Samiksha More - Service Subject.

4. Two Cadets participated in EBSB-2023 (EK BHARAT SHRESHT BHARAT) held at Panvel from 29th of October to 7th of November 2022.

   PO. Cdt. Shivam Shetwad.

   Cdt. Ashish Patil.

5. Two Cadets Participated in SNIC-2023 (SPECIAL NATIONAL INTEGRATION CAMP) held at Jaisalmer, Rajasthan from 1st of December 2022 to 10th of December 2022.

   PO. Cdt. Aniket Babar.

   Cdt. Anurag Phand.

6. One Cadet Participated in AISTC – 2023 (ALL INDIA SEA TRAINING CAMP) at INS Mumbai from 18th of December 2022 to 23rd of December 2022.

   Cdt. Prathmesh Sonavane

7. One Cadet Participated in SEA ATTACHMENT CAMP 2022 held at INS Visakhapatnam from 1st of May 2022 to 12th 0f May 2022.

   PO. Cdt. Aniket Babar.

8. One Cadet Participated in INA-ATTACHMENT CAMP.

   Cdt. Pratiksha More

9. One Cadet Participated in IGC AIYR-2023 (ALL INDIA YACHTING REGATTA CAMP) held at NDA (NATIONAL DEFENCE ACADEMY), Pune.

   Ldg. Cdt. Ajay Koli.

   Our 10 Cadets of 3rd Year secured 'A' Grade in C Certificate.

**Social Activities Conducted by NCC Cadets:-**

1. Visit to Plastic Recycling Site on 27th of May.
2. NCC Cadets participated in the rally of Pune Plogathon on the occasion of Environment Day on 5th of June 2022.
3. Cadets participated in Poster Making Competition on RIVER DAY on 25th of September 2022.
4. NCC Cadets participated in YOGA AWARENESS PROGRAM on YOGA DAY held at GP. HQ. Pune on 21st of June 2022.
5. NCC Cadets Visited to Paraplegic Centre and War Memorial on 9th of October 2022 in association with Rotary Club .
6. Installation of ECO-BRICKS at Modern College, Shivajinagar on 30th of November 2022 in association with Rotary Club.

**- Lt. Ashok V. Kamble**
ANO Navy Wing

# National Service Scheme

**3.21 No. of students Participated in NSS events:**

| | | | |
|---|---|---|---|
| University level | 636 | State level | 12 |
| National level | 3 | International level | 0 |

| Sr. No. | Name of the student | Level of participation University, State, National, International | Name of the event | Date and venue of the event |
|---|---|---|---|---|
| 1 | Miss. Manasi Tekawade | National | National Integration Camp | 25/02/2023 to 03/03/2023 Patna ( Bihar) |
| 2 | Mr. Shrikrushna Sampat Sutar | National | Adventure Camp | 10.11.22 to 19/11/2022 At Manali (HP) |
| 3 | Miss. Afsha Mashayak | National | National Integration Camp | 21/02/2022 to 27/02/2023 Dharwad , Karnataka |
| 4 | Mr. Shrikrushna Sampat Sutar | State | Pune to Pandharpur Vrukaha Dindi | 22/07/2022 to 10/08/2022 (20 days) Pune to Pandharpure |
| 5 | Miss. Renuka Nichal | State | Pune to Pandharpur Vrukaha Dindi | 22/07/2022 to 10/08/2022 (20 days) Pune to Pandharpure |
| 6 | Mr. Varad Bhandare | State | Pune to Pandharpur Vrukaha Dindi | 22/07/2022 to 10/08/2022 (20 days) Pune to Pandharpure |
| 7 | Mr. Jitendra Tile | State | Pune to Pandharpur Vrukaha Dindi | 22/07/2022 to 10/08/2022 (20 days) Pune to Pandharpure |
| 8 | Miss. Afsha Mashayak | State | Avhan Camp | 19/12/2022 to 28/12/2022 KBCUM University Jalgaon |
| 9 | Padnay Jori | State | Trekkign & Adventure Camp at | 17/02/2023 to 20/02/2023 Ratangad Ratanwadi, Akole |
| 10 | Abhijeet Jagtap | State | Trekking Adventure Camp at Ratangad, | 17/02/2023 to 20/02/2023 Ratangad Ratanwadi, Akole |
| 11 | Shrikrushna Sampat | State | Trekking & | Ratangad |

| | | | | |
|---|---|---|---|---|
| | Sutar | | Adventure Camp at | Ratanwadi, Akole |
| 12 | Shubham Mohite | State | Trekking & Adventure Camp at Ratangad, Akole | Ratangad Ratanwadi, Akole |
| 13 | Saurabh Nankar | State | Trekking & Adventure Camp | Ratangad Ratanwadi, Akole |
| 14 | Tejal Dhamdhere | State | Trekking & Adventure Camp | Ratangad Ratanwadi, Akole |
| 15 | Pankaj Singh | State | Trekking & Adventure Camp | Ratangad Ratanwadi, Akole |
| | 15 NSS Volunteers & 2 P O | State | G-20 Workshop for Programme officers | 26/05/2023 to 27/05/2023 Savitribai Phule Pune University |
| 16 | NSS PO and 10 Volunteers | University | World Red Cross Day Celebration | 08/03/2022 Savitribai Phule Pune University |
| 17 | NSS PO and 20 volunteers | University | i. Environmental Day & Shivrajyabhishek Day<br>ii. Plagathon | 05/06/2022 Savitribai Phule Pune University |
| 18 | NSS PO and 78 Volunteers | University | Palkhi Inauguration | 23/06/2022 Savitribai Phule Pune University |
| 18 | NSS PO and 100 Volunteers | University | Har Ghar Tiranga | 09/08/2022 Savitribai Phule Pane University |
| 20 | NSS PO and 78 Volunteers | Univrsity | Guinness World Record on Har Ghar Tiranga | 15/08/2022 Savitribai Phule Pane University |
| 21 | 40 NSS volunteers | University | Lecture on G-20 | 14/01/2023 Savitribai Phule Pane University |
| 22 | NSS PO and 210 Volunteers | University | Edu Youth Meet | 04/02/2023 Kothrud |
| | | | | |

**3.23 No. of Awards won in NSS: NIL**

University level -0 State level -

National level - International level -

**3.25 No. of Extension activities organized**

University forum [ - ] College forum [ ]

NCC [ ] NSS [ 10 ] Any other [ - ]

| *Sr. No.* | *Name of the activity* | *Date and venue of the activity* | *Number of students participated* | *Name of the coordinator* |
|---|---|---|---|---|
| 1 | Tree Plantation | 25/07/2022<br>NDA Hills . | 250 | P. S. Varade, Anuja Gaikwad |
| 2 | Blood Donation Camp | 1. Modern College 09/07/2022 29/07/2022 12/01/2023<br>2. Phulgaon 18/01/2023 | 61+91+46=198<br>10 | P. S. Varade, Netaji Subhashchandra Bose Eng. School , Phulgaon |
| 3 | Book Collection and Donation Camp | Modern College 12th -17th January 2023 | 200 | Dr. P. S. Varade |
| 4 | Guidance session for school students | Ketkavane, Wanganiwadi, Kuran Kh, Osade, Nigade Mose | 50 | Dr. P. S. Varade |
| 5 | Cyber Crime Awareness Programme | 04/08/2022<br>Modern College Hall No-414 | 122 | Dr. P. S. Varade |
| 6 | AIDS Awareness Programme | 11/11/2022<br>Modern College Hall No- GE34 | 78 | Dr. P. S. Varade |
| 7 | Voters Registration Camp | 25/11/2022<br>Modern college Hall No -414 | 50 | Dr. P. S. Varade |
| 8 | Swastham –A Health Awareness Programme | 10/12/2022<br>Modern College Sports Ground | 500 | Sakal papers |
| 9 | Street play at Garware Metro Station | 26/01/2023<br>At Garware college metro station | 110 | Dr. P. S .Varade & Pune Maha metro. |
| 10 | Youth -20 Programme | 01/03/2023 | 500 | Modern College |

**3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility.**

I. Our NSS volunteers participated in the in Pune to Pandharpur Palkhi Procession for Service to Devotee**.**

**II.** Our NSS volunteers also contributed and participated in Guinness World Record on ' Har Ghar Tiranga' organized by Savitribai Phule Pune University.

**III.** Our NSS volunteers also contributed and participated in the activity 'My River My Valentine' organized by Worship Earth Foundation.

**IV.** Our NSS Volunteers in collaboration with Red Cross Society Pune provided medical help to devotees during Ganesh Festival.

**6.14 Initiatives taken by the institution to make the campus eco-friendly**
***(Please mention activities by NSS related to echo-friendly nature)***

1. Our NSS Volunteers planted necessary saplings of plants in the campus and also caring of the plants.
2. They have also contributed in the development of botanical garden. Also created awareness in the on plastic free campus.
3. College campus is made plastic free. By avoiding the use of plastic and thermocol related items in the campus.
4. Every department have facility of separate dust beans for collection of dry and wet garbage

**The following activities were conducted by our NSS unit for the academic year 2022-23.**

- **21th June 2022- International Yoga Day Celebration:** Miss Neha Lengade and Mrunali Sawant conducted the Yoga and Pranayam session for a group of 100 volunteers and 10 staff members. Volunteers followed all the types of yoga performed by Neha Lengade madam. After the practical session a separate question answer session was held.
- **9th July 2022 – Blood Donation Camp**: NSS Unit of our college in collaboration with ABVP conducted a one day blood donation camp. 61 blood bags were collected in this camp. KEM blood bank helped for this camp.
- **25th July 2022- Tree Plantation at NDA Hills:** NSS Unit of our college in collaboration with ABVP and SPPU planted 1800 trees at NDA hills. 250 NSS volunteers and 6 staff members of our college were present for this event. Pro-Vice Chancellor of SPPU Prof. Sanjiv Sonawane were also present for the inaugural function of this event.
- **29th July 2022 – Blood Donation Camp**: NSS Unit of our college in collaboration with Progressive Education Society organized a one day blood donation camp. 91 Blood bags were collected in this camp. Jan- Kalyan blood bank helped for this camp.
- **4th August 2022- Cyber Crime Awareness Programme:** NSS Unit in collaboration with crime branch Ganeshkhind Pune organized an awareness programme on cyber crime. Dy. SP. Mr. Pradip Jadhav and Salunkhe addressed the volunteers on this topic. They emphasized on the adverse effects of drugs on one's personal life. 120 NSS Volunteers & Programme officer Dr. Prabhakar Varade and Principal Dr. Rajendra Zunjarrao were present for this programme.
- **15th August 2022- Independence Day Celebration:** On the occasion of **'Azadi ka Amrit Mahostav'** our college organized a rally with the route college- JM road- Fergusson road – Modern College 152 NSS volunteers participated in this rally. After this a Programme on the same subject was held at college hall no 414.
- **22nd August 2022- Workshop on Swami Vivekananda:** Workshop on life journey of Swami Vivekananda was organized by our NSS unit. 72 NSS volunteers and Programme officer Dr. Prabhakar Varade were present for this programme. 10 volunteers presented their views on this topic. A group discussion was also held on this topic.
- **23rd September 2022 -Pre NRD-SRD District level Selection Camp –** This was an offline program conducted at Modern College, Shivajinagar, Pune-05. Volunteers from 25 different colleges of Pune district participated in this camp. Overall management of this program was done by our Volunteers. Registration Procedure, Checking height and weight, Running, Parade and Interview was the selection procedure in this Camp. Many volunteers actively participated in managing this whole program at college. Mr. Cartigien, Regional Director of NSS, Dr. Shivaji Pacharne, Dr. Savita Kulkarni, Dr. Nana Sejwal were present for this camp .
- **27th September 2022- NSS Orientation for First year Volunteers:** NSS programme officer Dr. Prabhakar Varade guided the volunteers about the NSS structure and different NSS activities. NSS Song, NSS clap and other things were practiced in this workshop. Senior NSS volunteers also guided the first year volunteer. 118 NSS volunteers were present for this programme.

- **2nd October 2022- Mahatma Gandhi & Lal Bahadur Shastri Birth Anniversary Celebration:** This day is also known as "Non Violence Day". Various quotes, speech, poem, one act play etc based on Father of the Nation and Shastriji was carried out by NSS Volunteers. 95 volunteers participated in this program and made this program more interesting by means of their speech and poetry reading. After this a cleaning drive in college campus was carried out. In this way, NSS volunteers celebrated this program with full enthusiasm.
- **4th October 2022- Khande Navami Poojan:** As a tradition, every year on Khande Navami we organize the function of respecting the tools of daily use**.** On this occasion the cleaning of the NSS room and campus was done.
- **9th November 2022- Rally on Clean Pune:** A rally was organized from Modern College to Balgandharva to create awareness on Swachh Pune, Sundar Pune. 70 volunteers participated in this rally.
- **11th November 2022- AIDS Awareness Programme**: NSS Unit in collaboration with District AIDS Awareness office conducted a two hour session. The Doctors explained all the causes of AIDS infection in the human body. They also emphasized on the prevention of AIDS infection and also to respect all affected human beings. Many students asked the doctors their doubts on this topic.
- **25th November 2022 – Voter Registration Camp:** As per the instructions received from the District Election officer, NSS unit of our college held a one day camp on new voter registration at college campus. Around 50 students filled the forms for new voter registration. The staff of the District Election office was also present for this camp.
- **26th November 2022-Celebration of Constitution Day and Remembering the Heroes of 26/11 Attack:** This program basically started with reciting the National anthem, NSS song and reading of preamble of the constitution. NSS PO Dr. Prabhakar Varade and Principal Dr. Rajendra Zunjarrao made gratitude towards Dr. Babasaheb Ambedkar's frame. After that Principal, Dr R.S Zunjarrao delivered a speech on preamble and also guided us for the better future and gave us some necessary values and etiquettes. The program continued with volunteers presenting speeches and poems on the Hero's who have lost their life in the 26/11 attack at Mumbai by the terrorists.
- **10th December 2022- Swastham –A Health Awareness Programme:** NSS Unit of our college in association with SAKAL news paper organized a big event on college play ground on Health awareness called as SWASTHAM. Mr. Ravi Shetty demonstrated and taught many activities related to human health and also gave some tips to keep the health better. 500 Volunteers from our college and other colleges attended this event.
- **12th January 2023 –Celebration of Swami Vivekananda Birth Anniversary:** As part of Youth week , Swami Vivekanand and Rajmata Jijau birth anniversaries were celebrated. Many volunteers and programme officer Dr. Prabhakar Varade expressed their views on the life journey of both Swami Vivekanand and Rajmata Jijau.
- **12th January 2023-Blood Donation Camp:** As a part of Youth week a blood donation camp was organized by our college NSS unit in collaboration with **Patit Pawan Unit** of Shivajinagar. 46 donors donated the blood in this camp.
- **14th January 2023 – Lecture on Leadership:** As a part of Youth week our NSS unit has organized a lecture on 'Leadership'. Mr. Deshmukh from Dnyanprabodhani addressed the volunteers on this topic. He also conducted small group activities on this topic.
- **12th -17th January 2023- Book Collection Drive:** NSS volunteers of our college conducted this drive in which the books of different subjects, story book, novels, and competitive examination oriented books were collected. The staff members and students donated the books. 124 books were collected and donated to the library of Lokseva English Medium School.
- **23rd January 2023 – Celebration of Netaji Subhash Chandra Bose Birth Anniversary:** A group of NSS volunteers presented the speech, poem and song on the life journey of Netaji Subhashchandra Bose.

- **26th January 2022 - Republic Day Program**: - After the flag hoisting , NSS volunteers conducted a programme 'Republic Day of India' . On this day, NSS volunteers expressed their gratitude towards the nation.
- **26th January 2022 – Street play at Garware Metro Station:** This year it was the first Republic Day Celebration of Pune Metro. As per the appeal from Pune Metro officers NSS volunteers of our college performed the street play on 'Voting Awareness' at Garware Metro station and in metro during the travel from Garware College to Vanaz. Volunteers also sang the patriotic songs. The Metro officers also addressed the volunteers on Metro establishment and its features and service. 110 NSS volunteers and NSS Programme officers Dr. Prabhakar Varade & Prof. Anuja Gaikwad were the volunteers for this programme.
- **20th February 2023 – Celebration of Shivjayanti :** On the occasion of Shivaji Maharaj Birth Anniversary NSS Unit of our college organized a lecture on '**Shivaji Maharaj**' . Police Inspector Shri. Ramakant Mane delivered a lecture on Shivaji Maharaj and his life journey including escape from Agra. Few volunteers also expressed their gratitude towards Shivaji Maharaj.
- **1st March 2023 – Youth -20 Programme:** As per the directives of Higher and Technical Education Government of Maharashtra, Pune Divisional office NSS unit of our college organized this programme. Volunteers from 10 different colleges of Pune district participated in this programme. Inauguration of this programme is done by the hands of Progressive Education Society's Secretary Prof. Shamkant Deshmukh. After this Hon'ble Principal Dr. Rajendra Zunjarrao also guided the volunteers on this topic. He also talked about the role of Youth in G-20. Prof. Renu Bhalerao and Prof. Shubhangi did the anchoring of the programme. Mrs. Swati Patwardhan sang the Ganesh Vandana at the inaugural function. After the inaugural function the Elocution and PowerPoint Presentation competition were conducted. Top 10 students were selected from both the competitions and their felicitation is done by the hands of Hon'ble Principal. Dr. Shubhangi Puranik , Dr. Shilpa Mujumdar, Prof . Netra Kulkarni and Prof. Saha worked as an examiner for these competitions. Dr. Prabhakar Varade actively participated in the organization and Conduction of this programme.
- **9th March 2023 – Workshop on Drug Eradication:** NSS unit of our college in collaboration with the Narcotics department of Pune city organized a 3 hours' workshop on the Drug Addiction and its Eradication. Police Inspector Shri. Ghorpade and his colleagues addressed the gathering of 110 volunteers on this topic.
- **4th April 2023 –Orientation Programme for Second Year Students:** Planning of NSS activities for academic year 2022-23 is done in this programme under the guidance of programme officer Dr. Prabhakar Varade and also few new group of NSS leaders were selected in this programme. The senior students addressed the juniors and also appealed to increase the number of activities.
- **14th April 2023 – Celebration of Dr. Babasaheb Ambedkar Birth Anniversary**: Principal Dr. Rajendra Zunjarrao offered the garland to the photoframe of Dr. Babasaheb Ambedkar. After this Principal Sir focused on the life journey of Dr. Babasaheb Ambedkar in front of NSS volunteers and also advised to learn good things from this.
- **30th April 2023 - Participation in the Marathi Social Media Conference:** 50 NSS volunteers attended the conference. It was a fun activity in which many authors and writers presented their articles and literature. Well known Marathi serial actor and actress also attended the conference.

**Participation of Programme Officers and Volunteers in different activities.**

1. World Red Cross Day Celebration - Savitribai Phule Pune University - 8th March 2022 - NSS PO and 10 Volunteers.
2. Meet with Sports Minister Shri. Anurag Thakur - Savitribai Phule Pune University - 28th March 2022 - NSS PO and 10 Volunteers.
3. i. Environmental Day & Shivrajyabhishek Day
   ii. Plagathon - Savitribai Phule Pune University - 05/06/2022 - NSS PO and 20 volunteers
4. Palkhi Inauguration - Savitribai Phule Pune University - 23rd June 2022 - NSS PO and 78 Volunteers

5. Service to Devotee in Palkhi Procession at Poolgate - Savitribai Phule Pune University & PMC - 24th June 2022 - NSS PO and 25 Volunteers
6. Tree Plantation at Rakshak Chowk, Aundh, Pane - Rotary Club Shivajinagar - 1st July 2022 NSS PO and 08 Volunteers
7 Participation in Pane to Pandharpur Palkhi - Savitribai Phule Pune University - 22nd July to 10th August 2022 - 5 NSS Volunteers.
8 Street Play on Drug free India - Karve Institute of Social Science - 04/08/2022 - 15 NSS volunteers
9 Har Ghar Tiranga - Savitribai Phule Pune University - 9th August 2022 - NSS PO and 100 Volunteers
10 Guinness World Record on Har Ghar Tiranga - Savitribai Phule Pune University - 15th August 2022 - NSS PO and 78 volunteers
11 Common National Anthem - Government of India - 17th August 2022 - NSS PO and 35 NSS volunteers
12 Visit to Ketkavane & Wanganichi Wadi - UBA Modern College - 27th August 2022 - NSS PO & 12 NSS Volunteers.
13 Red Cross Society - First Aid Help to devotee - Red Cross Society, Pune - 9th September 2022 60 - NSS Volunteers
14 Gender Sensitization and Democracy - Savitribai Phule Pune University - 14th & 15th September 2022 - NSS PO & 10 Volunteers
15 Walk A Thon - Sancheti Hospital, Shivajinagar, Pune - 16th October 2022 - 30 NSS Volunteers
16 Freedom Fighters of India - Sancheti Hospital, Shivajinagar, Pane 18th November 2022 - 50 NSS Volunteers
17 Survey of Nigade Mose & Osade villages under UBA. - Modern College - 8th December 2022 - 13 NSS Volunteers, NSS PO & SWO.
18 Importance of Yoga - SAKAL Papers - 10th December 2022. - 100 NSS Volunteers
19 Lecture on G-20 - Savitribai Phule Pune University - 14th January 2023 - 40 NSS volunteers
20 Blood Donation Camp Participation - Lokseva Pratishthan Phulgaon - 18th January 2023 - NSS PO and 10 Volunteers
21 Edu Youth Meet - Savitribai Phule Pune University & Edu Youth Meet - 4th February 2023 - NSS PO and 210 Volunteers
22 My River My Valentine - Worship Earth Foundation - 12th February 2023 - 40 NSS Volunteers
23 Survey of Kuran Khurd under UBA. - Modern College - 11th February 2023 - 7 NSS volunteers and PO, SWO.
24 Workshop on Water Conservation Unicef and & Department of Higher and Technical Education, Govt. of Maharashtra - 9th & 10th May 2023 - Dr. P. S. Varade

**- Dr. Prabhakar S. Varade**
**- Dr. Anjali Sardesai**
**- Prof. Sangita Mavale**
**Programme Officers**

# Department of Physical Education (Senior Wing)

**(Senior Wing)**

Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous) has been awarded the "Best Sports College 2022-23" for the 6th consecutive time by Savitribai Phule Pune University.

***Intercollegiate Participation***

The Department participated in 28 Sports activities i.e. Athletics, Cross Country, Handball, Volleyball, Boxing, Softball, Basketball, Chess, Shooting, Weight Lifting, Badminton, Baseball, Cricket, Cycling, wrestling, Kabaddi, Football, Swimming, Ball Badminton, Hockey, Judo, Kho-Kho, Lawn Tennis, Table Tennis, Fencing, Korfball, Yoga and Netball competitions. The college achievements are as follows:

**Inter Collegiate Winner Team**

Netball (W), Cricket (W), Football (W), Hockey (M)

Netball (M), Roll ball(M), Handball (W), Table Tennis (W)

**Inter Collegiate Runner Up Team**

Athletics (M), Kho-Kho (M), Badminton (M), Softball (M), Lawn Tennis (W), Ball Badminton (W),

**Inter Collegiate Third Place Winner Team**

Volleyball (M), Handball (M), Baseball (M), Athletics (W), Kho-Kho (W), Badminton (W)

***Sports Organizations***

- ***Inter Zonal Badminton (M/W):*** Inter zonal Badminton (M/W) event was organized on 14th and 15th November 2022 at the Modern Badminton Complex with the help of PDMBA. The tournament was inaugurated at the hands of our Principal Dr. R.S. Zunjarrao and Director of Sports SPPU Dr. Dipak Mane. Four teams from S.P. Pune University i.e. Pune City, Pune District, Ahmednagar and Nashik participated.
- ***Inter Collegiate Netball (M/W)***

  Intercollegiate Netball Men & Women competition was organized on 28th November 2022 at the College Ground. Various teams from Pune City participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.
- ***Inter Collegiate Korfball (M/W):***

  Intercollegiate Korfball (M/W) selection trial was conducted on 30th November 2022 at the College Ground. Various players from Pune City participated in this event.
- ***Surya Namaskar Competition:*** Fit India Movement Surya Namesake Competition was conducted on the occasion of International Women's Day on 13 March 2023.The competition was inaugurated by Principal Dr. Rajendra Zunjarrao. He encouraged the contestants to raise awareness about physical fitness. This activity will help the students and staff (female section) to increase physical and mental fitness. The nation will be strengthened due to the empowerment of women. Due to the implementation of such an innovative activity in the college, the students enthusiastically participated in this competition. If students pay attention to their health regularly, they could be protected from diseases and menstrual stress, so such activities will be emphasized in the college regularly. 105 students and staff participated in the Surya Namaskar competition and Dr. Namdev Phatangre and Prof. Pooja Sharma worked as referees and helped to conduct the competition.

Result as follows –

- Staff: Winner-Dr. Vaishali Aher, Runnerup- Prof. Karle Urmi, Prof. Bhakti Kapre

- Sr. College Winner-Vaishnavi Nikam, Runnerup- Ahilaya Kachare
- Jr. College Winner-Aditi Mhaske, Runnerup- Presha Raut, Third Place- Aishwarya Kadam, Third Place- Harshada Pawar

**SPPU Outstanding Sportsman Prize Money Year 2021-22**

The following National players received the Outstanding Sportsman Award for this academic year from Savitribai Phule Pune University.

**Name of the Student, Class - Sports Achievement - Amount**

1 Bhivpathaki Aryan, MA
Silver Medal, AIU Badminton - 12000

2 Shinde Jivan Sandipan, FYBA
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

3 Patil Ganesh Mohan, M.A. II History
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

4 Borkar Yogesh Vinayak, SYBA
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

5 Patil Rohan Rajendra, SYBA
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

6 Shinde Rahul Subhash, M.A. POLITICS Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

7 Patil Satish Mansing, M.A. II HISTORY Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

8 Mujawar Raies Harun, FYBA
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

9 Kenche Venkatesh Dhananjay, M.A. I HISTORY
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

10 Moharkar Prajwal Ramratan, M.A. I HISTORY Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

11 Shindgi Harish Maruti, FYBA
Gold Medal, AIU Hockey & Bronze Medal, Kiug – 15000

12 Chikhale Aniket Somnath, FYBCOM Silver Medal, All India Inter University Kho Kho – 7000

13 Wagh Vrushabh Shivaji, TYBA
Silver Medal, All India Inter University Kho Kho – 7000

14 Mankar Shejwal, MA I
Silver Medal,AIU & Silver Medal, Kiug – 22000

15 Shaikh Wasim Yusuf, M.A. I ENGLISH Gold Medal AIU Best Physique Comp. – 15000

16 Anthony Kennith Victor, M.COM I (E-COM) Gold Medal AIU Best Physique Comp. – 15000

17 Patil Avinash Sanjay, TYB.SC
Gold Medal, All India Inter University Korfball – 10000

18 Malusare Runal Mohan, TYBA
Gold Medal, All India Inter University Korfball – 10000

19 Jagtap Sharayu Pravin, MA-I PSY
Gold Medal, All India Inter University Korfball – 10000

20 Kelkar Sanika, FY B SC CS
Gold Medal, All India Inter University Yoga – 10000

21 Bhalerao Arti Sunil, MSC COMP SCI Silver Medal, All India Inter University Baseball – 7000

22 Pawar Neha, TYBA
Silver Medal, All India Inter University Baseball – 7000

23 Giri Vidya Vasant, FYBA
Silver Medal, All India Inter University Baseball – 7000

24 Garad Mohini Indrajit, SYBBA
Silver Medal, All India Inter University Baseball – 7000

25 Kamble Preeti Rajesh, FYBA
Silver Medal, Aiu Baseball – 7000

26 Chavan Vaishnavi Rajendra, MCOM-ISilver Medal, All India Inter University Baseball – 7000

27 Murkute Pratiksha Raju, SYBBA (IB) Silver Medal, All India Inter University Baseball – 7000

**Students Sports Achievement**

**Name of the Student, CLASS - Game - Performance**

1 Lalage Aditya Arjun, SYBA
Hockey (Men) – Jr. Asia Cup

2 Mankar Shwejal Shailesh, MA (POL) Swimming National Fed Gold

3 Dongare Aditi Pramod, FYBCOM
Cycling (Women) – National Game Gold

4 Kamble Preeti Rajesh, SYBA
Softball – National Gold

5 Gaikwad Prathmesh Pramod, TYBA Pistol Shooting – Jr National Gold

6 Patil Shivechha Vikas, SYBA 'L'
Athletics (Women) – Ki National Gold

7 Dongare Aditi Pramod, FYBCOM
Cycling (Women) – Ki National Gold

8 Kadam Rajat Rajendra, MA (PHY)
Table Tennis – National Silver

9 Dongare Aditi Pramod, FYBCOM
Cycling (Women) – National Fed Silver

10 Gaikwad Prathmesh Pramod, TYBA , DIV-B Pistol Shooting – National Bronze

11 Mankar Shwejal Shailesh, MA
Swimming – National Bronze

12 Dongare Aditi Pramod, FYBCOM
Cycling (Women) – National Fed Bronze

13 Dongare Aditi Pramod, FYBCOM
Cycling (Women) – National Game Bronze

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|---|---|---|
| **Dr. P. G. Dixit** | **Dr. D. T. Nimbalkar** | **Prof. Vikram Phale** |
| Chairman G.M.C. | Director of Physical Education | Director of Physical Education |

# MISSION STATEMENT

To Create Multidisciplinary Best Citizens
To Suit The Local, National And International Needs
Having Scientific Temperament, Moral, Ethical Values
And Multifaceted, Proactive Personality
By Providing Excellent Education.

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1934
EXCELSIOR

*Progressive Education Society's*

**Modern College of Arts, Science and Commerce (Autonomous)**

Shivajinagar Pune-5

*Re-accredited by NAAC with A+ grade (CGPA 3.51)*