MODERN
2018-19

Autonomous
College Status

National Award
for Best Accessible
Website 2018-19





Best College Award
(Sports),
SPPU, 2018-19

Best College Award (Sports), SPPU, 2015-16

Best College Award (Sports), SPPU, 2016-17

Best College Award (Sports), SPPU, 2017-18

NAAC Re-accredited with 'A+' Grade, 2017

College with Potential for Excellence, UGC, 2017

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

International Conference on Astrobiology
15th and 16th December 2018



Felicitation of Dr. Parag Vaishampayan during Inauguration



Session by Dr. Parag Vaishampayan



Felicitation of Prof. M. C. Uttam during Inauguration



Student's Lightening Talk



Vice Chancellor Dr. Nitin Karmalkar at Valedictory Function



Chairman P.E.S. Dr. G. R. Ekbote at the Valedictory Function

National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation 11th and 12th January 2019



Felicitation of Chairman PES Dr. G. R. Ekbote by Principal Dr. R. S. Zunjarrao during Inauguration



Welcome by Coordinator Dr. Anjali Sardesai



Release of Conference Proceedings during Inauguration Session. On Stage from Left Prof. S. S. Deshmukh, Dr. R. S. Zunjarrao, Mr. Sameer Kamat, Dr. G. R. Ekbote, Prof. Mrs. J. G. Ekbote, Dr. Nandkumar Sawant and Dr. A. K. Pande



Felicitation of Chief Guest Dr. A. D. Shaligram during Valedictory Function by Dr. R. S. Zunjarrao, in presence of Dr. Nandkumar Sawant, Ms. Shyama Ayer, Mr. Datta Mandale and Prof. S. S. Deshmukh



Mr. Datta Mandale judging the Poster Session



Felicitation of Dr. Rajendra Talware by Prof. S. S. Deshmukh in presence of Prof. S. R. Chaudhari



Design of proposed Ten storeyed building of the college.

Progressive Education Society's

MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE
(AUTONOMOUS)

Shivajinagar, Pune - 411005
Website : www.moderncollegepune.edu.in

॥ ज्ञानमयो भव ॥

Progressive Education Society's

Modern College of Arts, Science and Commerce

Shivajinagar, Pune - 411 005.

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Best College Award (Sports), SPPU, 2019
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College with Potential for Excellence, UGC, 2011
NAAC Re-accredited with 'A' Grade, 2010
Best College Award, SPPU, 2008

MODERN
2018 - 19

Editorial Board : Annual College Magazine
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Progressive Education Society, Pune - 5.

List of Institutes

॥ ज्ञानमयो भव ॥

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2 PrathamikVidyaMandir, Pune 5
3 Modern High School, Pune 5
4 P. E. S. Girls High School, Pune 5
5 S.S.D.Hostel, Pune 5
6 P.E.S.Girls Hostel, Pune 5
7 P.E.S. Boys' Hostel, Shivajinagar, Pune 5
8 Modern College of Arts, Science and Commerce, Pune 5
9 Modern College of Engineering, Pune 5
10 Modern College of Education (for ladies), Pune 5
11 Modern College, Pune 5 (Wing of Computer and Business Studies)
12 Modern Pre-Primary Eng. Med. School, Pune 5
13 Modern Primary Eng. Med. School. Pune 5
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16 Modern Institute of Business Management, Pune 5
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Just a Few Words...

Dear Readers,

We bring this College Annual Magazine –MODERN 2018-19 to your hands with great pleasure and satisfaction. As usual this has been an interesting but challenging task.

The special feature of our magazine is that it includes reports of all departments, associations and committees, and also provides a platform to the young budding minds of our college.

Preparation and compilation of the ***Report section*** *provided us an opportunity to understand each department and gradually build up a large picture of the entire college. This was a very rewarding process. The reports surface also the individual achievements of students and staff, which sometimes go unnoticed.*

We appreciate that most of the reports sent by the respective colleagues were in electronic form. This has made our work less cumbersome.

The reports and the plates of photographs will ceratinly remind us of all the activities and events conducted and organized by our college in this academic year. It was impossible, however, for us to include photographs of all events of the year.

Abhivyakti *is a section exclusively dedicated to the creativity, talent and imagination of our students. As you browse through this section you will realize that these young minds have covered a wide canvas. They discuss about contemporary topics like social harmony, social media, status of education and women empowerment. Few articles and poems talk of human relations, social cause of the Amtes, Science in India and historical and literary figures. Students are sensitive enough to pay homage to the innocent lives lost in the Jallianwalla Bagh Massacre. Two interviews of achievers are also significant, one is of a past student and one is of a professional.*

Two special sections are noteworthy. One is a series of articles as a tribute to the great artists of Maharashtra- P.L.Deshpande, G.D. Madgulkar and Sudhir Phadke, on the occasion of their Birth Centenary. Another section is a series dedicated to Great scientists of the world.

Reading these articles and poems is a direct pathway to reading and understanding the young minds.

Our College received a National Award at the hands of Honourable Vice- President of India Shri. Venkaiah Naidu for developing 'Best Accessible Website' for visually impaired students. In addition, our department of Physical Education has brought Honour to the college and to PES by receiving the Best Sports Award, SPPU, for the Fourth time! As a token of appreciation we have included both these moments on the Front cover of the magazine.

The concept of cover design was given by our Principal Dr.R.S .Zunjarrao and was creatively executed by our colleague Prof. Sameer Nerlekar.

The Editorial Board expresses its gratitude towards the Office Bearers of Progressive Education Society, our Principal Dr.R.S.Zunjarrao and all Vice-Principals for their support and encouragement. We thank our colleagues, the office staff, non-teaching staff and students for their cooperation.

We appreciate the cooperation of Shri.Madhav Nagpurkar and untiring efforts Shri.Avinash Kakade of Shree Mudran Mandir, in this process. Thanks are also due to Shri. Hemant Date, for the group photographs.

The entire editorial board deserves appreciation for completing this task.

We request you to bear with the lapses that may have occurred in the magazine.

Hope you have an enjoyable reading.

Narendra M.Naidu
Editor
30th April 2019

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International Conference on Astrobiology

15th and 16th December 2018

Organizers

P.E. Society's Modern College of Arts, Science and Commerce, Pune - 5 (PGRC, Botany) in collaboration with Blue Marble Space Institute of Science, USA.

We are amidst an exciting phase of space exploration. ISRO is taking its next giant leap in Space exploration with *Mangalyaan* 2 and the Human Space Mission, *Gaganyaan,* while NASA and ESA are gearing up with the upcoming Mars 2020 and ExoMars mission. As scientists have now discovered water on Mars, we are now exploring Mars and the Saturnian icy moons Titan and Europa for signs of life to answer the most fundamental question in Astrobiology: Does life exist elsewhere in the Universe?



Astrobiology is an interdisciplinary field of science that studies the origin, evolution, distribution and future of life in the universe. Astrobiology seeks to answer fundamental scientific questions about life: How it began and evolved? Through the study of evolution and mass extinction, it helps explore the future of life on earth and its probability in outer space. These questions are important to our very own existence.

The Conference provided a unique platform for discussion and outreach activities in Astrobiology. The conference aimed to bring together researchers, educators, Non-profit societies, academicians, students, journalist, policy makers, government employees and general public for conducting outreach of Astrobiology in India. The keynote speaker of the conference was Dr. Parag Vaishampayan, Research Scientist from Blue Marble Space Institute of Science.He works at the NASA's Jet Propulsion Laboratory at Caltech. Other International speakers participated in the conference and conducted virtual webinars. The conference aimed to bring together scholars and students to discuss, share, and plan future strategies for public engagement, education and outreach activities for astrobiology in India. When we go out in space to explore the universe we are no longer Indians, Asians or American. We are one human race, one family who want to answer the question that our ancestors must have asked countless times gazing at the billions and billions of stars lying outside their cave "Are we alone in this universe"?

Themes and Sessions

- Astrobiology and Extreme Environments
- Astrochemistry and Prebiotic Chemistry
- Graduate Students Science Communication Competition in Astrobiology
- Astrophysics and Astronomy
- Astrobiology Public engagement, Education and outreach
- Astrobiology and Astrochemistry

- Astrobiology India road map-thrust
- Inaugural and Valedictory function.

The conference was inaugurated and presided over by Hon'ble Prof. Dr. G. R. Ekbote, Chairman, BC, PES, Pune-5. Prof. M. C. Uttam Director, ISRO-STC, SPPU was guest of honor for the conference. Key note address was given by Dr. Parag Vaishampayan, BMSIS Scientist, USA.

In the session astrobiology and extreme environment Charles Cockell, UK Centre for Astrobiology, UK and Dr. Christine Moissl, Medical University of Graz, Austria briefed about Astrobiology, India and the Future of Humanity and Microbes in space- from Earth to Mars respectively through webinars. Dr. Parag Vaishampayan delivered a speech on 'How I started worrying about bugs on the Spacecraft'. Dr. Rebecca Thombre in her speech focused on Astrobiology@Modern: From Meteorites to Mars.

In the session astrochemistry and prebiotic chemistry, Dr. Ankan Das, Indian Centre for Space Physics, Kolkatta focused on Astrochemical modeling to explain the presence of complex organic molecules in space. Dr. V. Jayaram, IISC, Bangalore talked about Application of Material Shock Tube in Astrochemistry, Astrophysics and Astrobiology.

The next session was astrobiology outreach and public engagement, in which the speaker Dr. Haritini Mogosanu, Director, New Zealand Astrobiology Network through webinar spoke on Think big, Start small. Dr. Siddharth Pandey, Director, Mars Society, Australia briefed about Introducing Blue Marble Space and the planned work in India

In the another session on astrobiology and astrochemistry, Dr. Bhalamurugan Sivaraman, PRL, India spoke on ELTA using IR and VUV Spectroscopy and Dr. Vijayan, INSA-Young Scientist, PRL, India focused on Remote sensing based analysis for identifying potential astrobiology target on Mars.

In the session Graduate Students Science Communication workshop cum talks, the graduate student lightning talks were organized to provide a platform to students to communicate their ideas to general audiences. Students were given 3 minutes to "Speak for Science" and they had to effectively communicate in front of the general audience.

The valedictory session was presided over by Hon'ble Prof. Dr. G. R. Ekbote, Chairman, BC, PES, Pune-5 and Chief Guest was Hon'ble Dr. Nitin Karmalkar, Vice-Chancellor, SPPU, Pune -5.

Dr. Anjali Sardesai
Coordinator

Dr. Rebecca Thombre
Organizing Secretary

Form IV

Statement about ownership and other particulars about

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I, Dr. R.S. Zunjarrao, hereby declare that the particulars given above are true to the best of my knowledge and belief.

Principal Dr. Rajendra S. Zunjarrao

National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation

11th and 12th January 2019

Organized by Department of Computer Science and Centre for Innovations in Teaching, Learning and Evaluation

ICT refers to all the technology used to handle telecommunications, broadcast media, intelligent building management systems, audio-visual processing and transmission systems and network based control and monitoring functions. Information technology is significant in the education field to access variety of learning resources, immediacy of information, collaborative learning, multimedia approach to education, authentic and up to date information, distance learning, better access to students with disabilities, etc.

The College has established a Center for Innovations in Teaching-Learning and Evaluation to overcome the challenges in the field of Teaching-Learning. The center conducts various activities to inculcate various pedagogical tools and techniques among the teachers. It also promotes the use of ICT in teaching-learning and evaluation process. The college has also established a media center through which the development and promotion of e-resources, e-learning material and e-content is developed and provided to students. Similarly, use of ICT in evaluation process is also useful to students and teachers in the effective conduct of the examination system.

Educational Institutes use a diverse set of ICT tools to communicate, create, disseminate, store, and manage information. ICT has become integral to the teaching-learning interaction, through such approaches as replacing chalkboards with interactive digital whiteboards, using students' own smart phones or other devices for learning during class time, and the 'flipped classroom' model where students watch lectures at home on the computer and use classroom time for more interactive exercises.

When teachers are digitally literate and trained to use ICT, these approaches can lead to higher order thinking skills, provide creative and individualized options for students to express their understandings, and leave students better prepared to deal with ongoing technological change in society and the workplace.

Taking into account the importance of ICT in the field of education especially in Teaching-Learning and Evaluation process, the college took initiative to conduct a **National Conference on ICT Based Use of Advanced Educational Technologies in Teaching-Learning and Evaluation.**

The general themes and sessions of the conference were:

1. ICT Based Teaching-Learning and Evaluation
2. E-Learning
3. Flipped Classroom
4. Virtual Classroom
5. Wiki-Spaces

6. DSpace
7. Learning Management System
8. E-content Development

The conference aimed to promote learner centered pedagogy that uses e-learning methods, to develop higher order learning objectives within students. The Conference provided a unique platform to learn to plan, design and develop student centric course material that facilitates e-learning. Our technical program was rich and varied with 1 keynote speech, 3 technical sessions, 1 poster presentation session, 12 invited talks, 2 live webinars, 2 hands-on sessions, 2 demo sessions.

The objectives of the conference were:

- To promote learner centered pedagogy that uses e-learning method
- To learn to plan, design and develop student centric course material that facilitates e-learning.
- To create instructional content electronically in various forms.
- To develop higher order learning objectives within students.

The conference was divided in various sessions such as Inauguration Function, Teaching, Learning and Evaluation, Poster Presentation, e-Content Development, Library as Learning Resource, Use of ICT, Online Evaluation, and Valedictory Function.

- Pre conference session was conducted by Ms. Sushumna Rao, Hyderabad. She gave hands on training on teaching tools.
- The conference was inaugurated at the hands of Hon'ble Prof. Dr. G. R. Ekbote, Chairman, BC, PES, Pune-5. The chief guest of the conference was Mr. Sameer Kamat. Dr. A. K. Pande and Prof. Mrs. J. G. Ekbote were guests of honor for the conference.
- Dr. Nandkumar Sawant, Principal, Parvatibai Chowgule College (autonomous) Margao, India was the keynote speaker. He focused on Use of Technology in teaching and learning, traditional teaching versus ICT based teaching and various teaching methodologies. During another session he briefed about a comparison between assignment writing and problem based learning (PBL) and exploring teaching learning methodologies
- Next Session was conducted by Ms. Susumna Rao who is Research Associate at ICAR, Hyderabad. She delivered a speech on Integrating technology in classroom teaching, use of open source tools in teaching process, use of tools in e-content / e-learning development.
- Mr. Datta Mandale (BMS Solutions, Dubai) gave a talk on 'Use of Learning Management System in education', Demo of MOODLE : a LMS and Hands-on training of Moodle tools for teachers.
- Mr. Swanand Shinde from Sonic Wall Inc, Bangalore, through his webinar session, focused on Cyber Security, Threats in use of ICT, dealing with security issues in use of ICT in education.
- The next session was by Mr. Bhushan Kulkarni (Trainer on ICT based tools in Education) through his Online Teaching Technique (you tube session) enlightened on Need of Distance Teaching, Basic Requirement of Distance Teaching, camera and microphone consciousness, VC vs Broadcasting , Mobile Vs Computer, Mobile Base Tools.
- Dr. Indira Koneur, Faculty, e-learning Department, IBS, Hyderabad, through Webinar, briefed about Online Open Resources (OER), benefits of OER, Licensing resource for use, Creative Commons (CC) licenses ,Open Educational Resources (OER), 5 R activities : Retain, Reuse, Revise, Remix, Redistribute; Online courses.
- Dr. Aparna Rajendra, Director, Jaykar Library, SPPU spoke on Library and e-resources : Role of Library, Changing Scenario with special reference to Library, Brief outline of Library Resources – Types and categories, Electronic publication, Types of E- Publication, Categories of E-Publication, Benefits of E – Publication, Consortia with special reference to E –publications, Portals , Importance of these resources especially in Academic Environment, Literacy to handle them.

- Dr. Sunita Barve, NCL, Pune, gave a speech on E-learning tools for teachers : E-learning tools for e-content development, Web 2.0, Open source software technology tools, MOOC, Wikipedia, Wiki-spaces, Dspace : open source digital repository.
- Mr. Shrikant Thakar (EMRC SPPU, Pune) through his talk spoke on E-content development, MOOC (Massive Open Online Courses), Blending of e-content and MOOC courses in traditional teaching-learning methodology.
- Dr. Sangeeta Dhamdhere delivered a talk on E-content development, How to flip your classroom, Tools to prepare interactive, online study material : audio visual, animation, multimedia.
- Ms. Shyama Iyer from Spoken Tutorial, IIT, Mumbai, focused on Use of ICT in Online Evaluation Spoken Tutorial Training - test process.
- Dr. Rajendra Talware from SPPU, Pune briefed about Examinations in credit system : perspective for question papers and quantification of achievements, Focus on : Outcome Based Education(OBE), Graduate attributes, Course Outcome, Program Outcome, Automatic Question Paper Generation System (AQPS).



• Poster Session was entirely managed by the Centre for Innovations in Teaching, Learning and Evaluation. Mr. Datta Mandale, Ms. Sushumna Rao and Mr. Narendra Naidu evaluated the poster presentations. The winners were as follows - First Prize - Prof. Vaishali Bhoite, Second Prize - Prof. Madhuri Ghanekar and Third Prize Prof. Ashwati Nair.



• Valedictory function was presided over by Dr. R. S. Zunjarrao, Principal, Modern College.The Chief Guest was Dr. A. D. Shaligram, Dean Science and Technology, SPPU, Pune.

The hundred participants actively took, part in all sessions.

Dr. Anjali Sardesai
Coordinator

Prof. Shamkant Deshmukh
Organizing Secretary

Internal Quality Assurance Cell

The functioning of Internal Quality Assurance Cell is under the able guidance of Chairman IQAC, Dr. R. S. Zunjarrao.The IQAC committee is revised in the year 2017-18. In the revised structure, it was decided to appoint three separate Assistant coordinators for three different streams for the smooth conduct of IQAC functionalities, viz. Dr. Rebecca Thombre Asst-Coordinator for Science faculty, Prof. Rasika Date for Commerce faculty and Dr. Vaijayanti Jadhav for Arts faculty. Dr. Anjali Sardesai is appointed as the coordinator of IQAC. IQAC is grateful to Prof. S. S. Deshmukh for accepting the invitation to be the Management Representative in the committee. Three external members viz. Dr. Sunita Adhav (Principal, Modern Law College) as a Member from Local Society, Mr. Girish Ghanwat as Industrialist and Mr Rajendra Kadam as Parent Stake Holder joined the IQAC team. Mr. Sanjay Katkar (CTO, Quick Heal Technologies) in the capacity of Industrialist and Mr. Abhay Lalwani, in the capacity of alumnus joined the IQAC team.

Taking into consideration, the huge size of the institution, 25 departments and 11,500 student strength, it was decided to decentralize the IQAC structure into Departmental IQACs, wherein every Department has three members as a team of DIQAC viz. Chairperson is Head of the Department, second member of DIQAC is next senior most staff member and the third member is junior most confirmed member. Every DIQAC submitted the departmental AQAR report to IQAC which was compiled and combined to prepare institutional AQAR which was submitted to NAAC in given stipulated time. The success achieved this year was that all the data and related documentary evidences were collected from all DIQAC online.

This year also data collection, data compilation and record keeping of data processes were revamped. Generalized formats were prepared and 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.

The College was a recipient of DST-FIST Scheme in 2010. In 2019, the college has received sanction of the DST-FIST scheme of Rs. 1.5 crores for next five academic years. Proposal has been submitted for DBT Star College Scheme. Submitted and received sanction of B.Voc. (Dress Designing and Tailoring) and continuation of Community College Scheme. The college has received the grant of Rs. 1.2 crores under CPE Phase II under which several initiatives were taken by the College viz. Development of Seminar Hall, Staff Training for Learning Management System, Public address systems for all departments, Strengthening of Departments in terms of various instruments, etc.

Every year, the IQAC proposes to organize one International, one National and two State Level Conferences. This year also proposals for four conferences were submitted and the conferences were organized successfully. The themes for these conferences were:

a. International Conference on Astrobiology
b. National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation
c. Changing Face Of International Trade- Contemporary Issues and Career Opportunities. (Local to Global)

In addition to these conferences, various workshops, seminars, guest lectures and teachers training programs were proposed and organized by IQAC. One workshop on Laboratory safety and security was organized for lab assistants and lab attendants.

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. The innovative, new activities/ events initiated by IQAC are:

a. Use of online payment services in the college, Online registration for various courses conducted, Conduction of various need based courses in the college, official Email ids for all the staff members, successful conduction of ISR activities, online Result analysis of all the courses, development of e-content development room, Online teachers diary, Started Compulsory course for entry level students : student empowerment course, Online student profile for all entry level students, started Mentor-mentee Scheme, Prepared the online registration form for the data collection for psychological wellbeing of student and the calculations are done through computer tool, Feedback form from students about each teacher is designed and implemented, Developed Online booking system of Assembly hall.

b. Implementation of Learning Management System, Training to 214 teachers for use of LMS

c. Academic and administrative Audit to be conducted for every department

d. Submission of Annual reports of SPPU and PES, NIRF, ARIIA, AISHE reports submission.

e. Conducted Workshops on Autonomy, prepared and submitted the proposal for Autonomous status to UGC, New Delhi. Awarded Autonomous status to college from AY 2019-20 for next 10 academic years.

f. Established Modern Media Station

g. Developed a computer lab for the visually challenged students Train the Trainers Institute, Poona Blind Men's Association.

h. Developed accessible website and received National award for Best Accessible Website from Ministry of Social Justice and Empowerment, Govt. India

i. Developed Innovation and Incubation center

j. Firewall purchase and implementation

k. Development of Smart Classroom Complex

l. Established Foreign Language Cell

The Future plans of IQAC are:

a. Internships and field visits to be conducted for all students

b. Develop a routine system for library stock taking, Establishment/ improvement digital language laboratory, To collect pdf files of reference books from all the departments

c. Training for office staff to use technology available

d. Zero Garbage Campus, Collection of plastic waste

e. Installation of speakers across the campus to play special *ragas* based on the time slot., To install meditation booths in the campus.

b. Adoption of 5 villages under Unnat Bharat Abhiyan and apply for Unnat Bharat Abhiyan

c. To establish the Digital Science Lab, To establish Central Instrumentation facility, Establishment of student facility center, Installation of flood lights on the play ground

d. To develop leave management system, stock verification/updation / record keeping system, online approval system, Online self appraisal form and API calculation process

e. Increasing the use of Solar energy for Institution

IQAC pays deepest gratitude to Hon'ble Dr. G. R. Ekbote, Chairman, Business Council, Progressive Education Society, Prof. Shamkant Deshmukh, Secretary, Progressive Education Society, Prof. 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 next accreditation cycle.

- Dr. Anjali Sardesai
Coordinator, IQAC

Study Visit to Taiwan : An Enriching Expreience

(A brief report)

Centre for Innovations in Teaching, Learning and Evaluation of our Modern College of Arts, Science and Commerce, Pune-5; has been conducting several activities over the past few years.One of the major initiative with International Association for the Study of Cooperation in Education [**IASCE]** support is the implementation of Cooperative Learning as a Pedagogical tool.Following are the highlights:

- The beginning : Study Group for Use of Innovative Pedagogic Methods in College- 2011 initiated by Dr.Sushama D. Joag.
- Regional Workshop on 'Cooperative Learning Applied to Classroom Teaching in College' -2012 by Yael Sharan[IASCE Board Member] from Israel
- Establishment of the Centre for Innovations in Teaching, Learning and Evaluation—October 2015
- International Conference on *'Innovations in Teaching, Learning and Evaluation' in collaboration with IASCE, C*ooperative Learning Workshop sessions by Yael Sharan, 2015
- Year round Series of Intercollegiate Workshops on Cooperative Learning , 2016-17 conducted by Dr.Lalita Agashe [IASCE Board Member]
- Workshops on Cooperative Learning for Newly appointed Teachers- 2018-19 conducted by Dr.Lalita Agashe [IASCE Board Member]

  Dr.Lalita Agashe took lead in documenting the efforts taken in the process and also compiling the feedback of participants.

❖ **Paper Presentation in an International Conference:**

Mr.Narendra M.Naidu, Dr.Sushama D.Joag [Founder and Advisor of our Centre] and **Dr.Lalita Agashe** [Educationist and Resource Person for our CL activities] had jointly prepared a paper which covered the efforts taken by our college towards implementation of Cooperative Learning. This paper was selected for presentation in an International Conference on ***Cooperative Learning in Far-East Asia and the World: Attaining and Sustaining Excellence*** held at ***National Taipei University of Education*** **[NTUE]** in Taipei, Taiwan, R.O.C., from 21st March to 24th March 2019.

This conference was jointly organized by International Association for the Study of Cooperation in Education **[IASCE]**, Japanese Assocaition for the Study of Cooperation in Education **[JASCE],** Taiwan Cooperative Learning **[TCL]** of the Ministry of Education, and National Taipei University of Education **[NTUE].**

The paper '**College teachers in Pune, India, begin to use Cooperative Learning in various subjects: Teacher education initiative by a college'** was presented on 24th March 2019, jointly by Narendra M. Naidu and team. The initiative and efforts of our college were appreciated on this international platform. 230 participants from 23 countries attended this conference.



Narendra Naidu with Lynda Baloche IASCE Co-president

Every morning there were plenary talks by eminent personalities in the field. Later throughout the day concurrent sessions were held comprising presentations and workshops which were entirely interactive.

One of the days there was an Award Ceremony for those who had done commendable work in the field of Cooperative Education. The same day there was a Cultural programme put up by the NTUE students and a local school.

The conference gave us an opportunity to build up ties with experts and practitioners of Cooperative Learning at international level. During the conference all three participants had informal interaction and discussions with the faculty of the NTUE, in addition to the exchanges with participants.

❖ **Educational Visits to Educational Institutes and Universities in Taiwan:**
Mr.Narendra M.Naidu extended his stay in Taiwan, with prior permission from the College Management to visit educational institutes there.

➢ ***Taipei Municipal Minzu Elementary School,Near Songshan Airport, Taipei***
This was a Pre-conference visit organized by NTUE on 21st March 2019, for interested participants to observe the implementation of Cooperative Learning at school level. Taipei Municipal Minzu Elementary School has joined the Taiwan Cooperative Learning [TCL] Project since 2011. The school was awarded the **2017 Excellent CL Model.** We were allowed to enter and exit any classroom in the stipulated time and observe the learning and teaching process.We could watch the enthusiasm of ths students and staff while implementing Cooperative Learning. After the classroom observation we were fortunate to enjoy the Art Exhibition put up by the students. It was almost like a professional Art Gallery.
The school is headed by a young dynamic Principal who has a team of dedicated teachers.

➢ ***National Tsing Hua University [NTHU] , Hsinchu***
On 25th March 2019, the day started with the visit to the Institute of NanoEngineering and MicroSystems (INEMS). Dr. ***Sheng Shian Li***, Professor and Director, INEMS, had arranged for a meeting of his colleagues with me in the Conference Room and also had thoughtfully planned the day ahead for me.

Dr.Sheng Shian Li gave an exhaustive presentation about the history of NTHU and specifically INEMS and later explained the research work carried out here.His main focus being VHF BAW Oxide Resonator, Ovenized CMOS-MEMS Oscillator, Feedthrough-Cancelled Thermal-Actuated Resonator, and Piezoresistively-Sensed Resonator.His colleagues too shared their research work.
Professor Dr.Yu Lin Wang works in the field of Biomedical Sensors, Gas Sensors, and Nanotechnology; **Associate Professor Dr.Chih- Chen** works on Microfluidic Hanging Drop Cell Culture and Microvesicle Isolation Technology and **Dr.Mei-Feng Lai** works on EWOD driven droplet resonance and mixing enhancement, Nanoparticle synthesis, Self assembled ferrofluid microdroplets, Cell patterning using micro/nano/sclae magnetic domain walls.
Dr.Sheng Shian Li later took me on a Lab tour of his department and then **Ms. Indu** a Ph.D.student escorted me for lunch and further Lab tour.
I was thoroughly impressed by the interdisciplinary and multi- disciplinary approach of all these researchers. They showed such a smooth interface between various disciplines under one umbrella. The most important thing is that their research has direct applications in industry and health sector.
In the *Casa de Socraes Café* [popularly called as Cat House or Cat Café] we happened to meet with **Distinguished Professor Dr. Chuan-Chin Chiao**, Institute of Systems Neuroscience and Department of Life Science.He is a researcher interested in a variety of vision related topics which include: retinal neurobiology, cephalopod neuroethology, optic nerve regeneration, and retinal prosthesis. It was exciting to know during our coversation that he had experienced Scuba diving at the Great Barrier Coral Reef several times.
During further interaction with him in the afternnoon I learnt that he is also Associate Vice President for Academic Affairs, NTHU. He genuinely likes teaching along with his research and does several experiments like Flip Classroom, to make teaching and learning interesting. It was a lifetime experience for me to observe the Squid culture he has maintained in thousands, in his laboratory. Listening to this unassuming stalwart directly was a great pleasure.
Meeting with **Professor Dr.Zung-Hang Wei** was another exciting experience. He is working in the field of Design and Manufacturing of Precision Instrumentations, Smart Nanostructures,Magnetic sensors, Biosensors and Bio-manipulation, Cells Patterning. He showed around his laboratory and the instruments he had designed.
The Library visit also was very fruitful. I was surprised to observe the brillant use of spaces made conducive for peaceful study. In addition to rich collection of books and research journals the library also includes E-Resources and NTHU Archives. There is also provision for recreation and relaxation, special rooms for Seminar preparation and conference halls within the library.



Narendra Naidu with Professor Dr.Zung-Hang Wei and Professor Dr. Chuan-Chin Chiao at NTHU, Hsinchu

➢ ***National Chung Hsing University [NCHU], Taichung***

On 27th March 2019, I travelled from Hsinchu to Taichung to visit NCHU. Only after I reached the campus, I came to know that an entire eight storeyed building was dedicated to Entomology.

Professor Dr.Wen-Bin Yeh has expertise in Molecular Phylogenetics, Conservation Biology, Biodiversity and many other areas. In his absence his Ph.D. student **Ms. Hui-Yi Li** showed me the Molecular biology laboratory and explained to me her current work on DNA barcoding of insects.

Dr.Wu-Chun Tu, Professor and Chair, Medical Entomology Laboratory, gave a very cordial welcome and introduced me to his colleagues. His areas of interest are Medical Entomology, Plant protection and Parasitology.After a brief conversation he made arrangements for Lab tour and Museum tour for me.

Professor Dr.Man-Miao Yang works in the field of Systematic Entomolgy; Cecidology (Evolution and biology of galling insects); Biodiversity. She is also the Curator of the Insect Museum at NCHU. She has done commendable work as an extesion activity too and she gifted me a DVD which is a documentaion of her work on *Cerambycidae*.

Associate Professor **Dr.Mei-Er Chen** who works in Insect physiology; Insect toxicology; Insect molecular biology escorted me to the Insect Museum. **Mr. Jhen-Ruei Lin** a student pursuing Masters assisted us. The visit to Insect Museum at NCHU is unforgettable. It is one of the richest collection of insects I have known. It would take years to study the well catalogued specimens there.

Later I visited **Professor Jeng-Tze Yang** who specializes in Insect taxonomy; Insect acoustics; Biodiversity. He is a versatile personality. After a breifing about his research especially on crickets we had exchange of information about Education system in Taiwan and India. We also explored the possibilities of MoU with our college, Exchange programme for students and staff, and Summer training programmes. He shared his contemplation about Development Biology and Evolution. His students **Mr. Kuang-Wen Chou** and **Ms. Srijana Khanal** from Nepal and were also actively involved in our discussions.



Narendra Naidu with Professor Jeng-Tze Yang at NCHU, Taichung

Then I visited **Assistant Professor Dr. Kok-Boon Neoh** who is working on Urban Insect Ecology. It was very interesting to observe the variety of insect cultures he had reared and maintained in his laboratory, following WHO norms. He has international collaborations, I suggested him to have collaboration with experts from India doing similar work like ROSS Institute, Pune; he seemed to be positive about that.

Finally I met **Dr.Yu-Shin Nai** at his office. He is doing research in Aquaculture, Molecular Biology and Evolutionary Biology. We had elaborate discussions on undergraduate and post graduate teaching patterns and syllabi in Science.

My friend Mr.Tushar Punde and his wife Manisha residing in Hsinchu, Taiwan and his Indian and Taiwanese friends made me feel at home during my stay at Taiwan. Few of them are students at NTHU. Sophie was my escort at NTHU, Tania was my escort at NCHU and Sandy from NCHU helped me to establish contacts and plan my study visits.

Special event at NTHU:

Tushar, his friends and **Ms. Tseng Mei-Hui** (Administrator Alumni Association, NTHU) arranged my talk on Baba Amte and his Mission at the Alumni Service Centre of NTHU On 28th March 2019 evening. The title was 'A Life of Adventure Beyond Compassion'. The talk was well received by the Indian and Taiwanese members present. It was a great feeling to get an unexpected opportunity to share the magnanimous work of the great social scientist Baba Amte beyond the shores of India!

This memorable and enriching study visit to Taiwan was possible due to the support and ecnouragement of the PES Management and our Principal Dr.R.S.Zunjarrao.

Narendra M. Naidu
Chairman, Centre for Innovations in Teaching, Learning and Evaluation and
Head, Department of Zoology

REPORTS

Office

The College Office serves as home base for all students in the College. It is a hub for administrative needs of the students and staff. Our major work is to support students and staff and keep the records. We have maintained high quality in service to students and staff. Following is the brief report of the office.

Highlights in the year 2018-19

- College Started Online Admission under e-Governance this year.
- Online Payment Gateway System for the payment of fees and deposits.

Students Strength

Sr.No.	Faculty	Grant	Non Grant	Total
1	Junior Section			
	Arts	466	235	701
	Commerce	948	236	1184
	Science	928	102	1030
	Total	2342	573	2915
2	Under Graduate Section			
	Arts	592	575	1161
	Commerce	1389	0	1389
	Science	822	1099	1921
	Total	2803	1674	4471
3	Post Graduate Section			
	Arts	0	391	391
	Commerce	100	0	100
	Science	0	726	726
	Total	100	1117	1217
	Grand Total	5245	3364	8609

Staff Details during the year 2018-19

Sr.No.	Section	Teaching	Non Teaching
1	Granted	59	94
2	Non Granted	141	51
	Total	200	145

Important Events

- Office conducted a seminar in collaboration with Govt.Maharashtra, Joint Director of Higher Education, Pune on "Effective Execution of Rajarshi Chhatrapati Shahu Scholarship Scheme" for the students from Economically Weaker Sections. The Chief Guests were Dr.Vijay Narkhede, Joint Director Higher Education Pune, Dr. Shaligram, Registrar, SPPU, Pune and Shri.Bacchav, Administrative officer, Joint Director office Pune. The representatives from various colleges of Pune District were present for the Programme. The special invitee of programme and Chairman of Progressive Education Society, Honourable Dr. Gajanan Ekbote and Principal of our college Dr. Rajendra Zunjarrao guided the audience.
- Office successfully conducted one day workshop for "College Exam Officer" on 6th September 2018 in collaboration with Savitribai Phule Pune University, Pune and Modern College, Shivajinagar, Pune – 5 .The Chief Guest of the programme was Hon.'ble Chairman, Dr.G.R.Ekbote and the other honourable guests were Dr.N.S.Umrani, Pro-Vice Chancellor, Dr.Ashok Chavan, Director, Examination and Evaluation Department, SPPU and Principal Dr.Rajendra Zunjarrao.



- During the year 2018-19 college office started new "Online Payment Gateway" for the students. The office conducted one day training program on "Online Payment Gateway" with ATOM Technologies Ltd. under e-Governance.





- "Birth Day wishing makes a day full of laughter and happiness and a year that brings much success.", therefore office gives birthday wishes to office staff members regularly.



- **Staff Retired during the year 2018 -19 :**

1. Mrs.Gosavi Sunita Neelesh
   Asst.Teacher – Commerce – 30.04.2018
2. Shri. Ingole Ravindra
   Asst.Teacher – Botany – 28.02.2019
1. Shri. Jadhav Shantaram M.
   Lab. Attendant – Chemistry – 30.04.2018
2. Mrs. Salunke Mangala
   Lab.Attendant – Psychology – 28.02.2019

Achievements :

1. Shri. Ganesh Sathe, Registrar, Shri. Indrajeet Parde, Head Clerk and Shri.Sagar Chavan, Senior Clerk attended two days training programme on "Writing and Updating of Granted and Non Granted Roaster of the Institute." arranged by Savitribai Phule Pune University.
2. Shri. Ganesh Sathe, Registrar successfully participated in 5 days "Training on Introduction to e-Governance : Concepts, Initiatives and Issues" for the period from 25th June 2018 to 29th June 2018 organised by Yashwantrao Chavan Academy of Development Administration [YASHADA], Pune and also participated in "Heartfulfulness Meditation" organised by Internal Quality Assurance Cell and Value Based Education Committee from 18th to 20th April 2018.
3. Shri. Prakash Sabale working as Assistant Librarian was elected as Chairman and Shri. Anil Kakad working as Library Clerk elected as Secretary of Progressive Education Society's Staff Co-operative Credit Society, Modern College, Shivajinagar, Pune – 411 005.
4. Shri. Hemant Shewale , Library Attendant was selected as "Special Executive Magistrate" by Govt. of Maharashtra and awarded for Best Achievement as Campus Ambassador from Collector/District Election Officer Pune.

Mr.Ganesh Sathe
Registrar

Department of Economics

The Department of Economics conducted various activities for the students in the academic year 2018-19. Department of Economics along with Post Graduate Association announced a research paper competition for PG students on 3rd August, 2018. The competition was open to all the PG students and the theme included topics like International Trade, Behavioral Economics, etc. About 10 research papers were received from various colleges in Pune like S.P. College, Symbiosis College, Modern College, etc. The following are the prize winners:

1st Prize- Latelang Lethola (Modern College of Arts, Science and Commerce,Pune-5)
2nd Prize-Tanvi Mhatre (BMCC, Pune)
3rd Prize- Milind. D Patil (Symbiosis College of Arts and Commerce, Pune)

- The students of M.A Economics visited the Kisan Agro Exhibition at Moshi (Pune district) and conducted a survey of farmers and traders involved in marketing of agriculture products. This activity was done on 15th December, 2018.
- The students of Banking and Finance made a survey on 19th December, 2018 at Phulgaon, a village in Pune district. The survey was regarding banking awareness and financial literacy among the villagers. About 30 students of PG and UG participated in the survey.
- A guest lecture on "Career Opportunities in Defence services for Arts Faculty" was organized on 19th January, 2019. The lecture was delivered by Lieutenant Commander Aakash Mohanta who is serving as Executive officer on INS Cankarso, Goa.
- A placement e-Brochure has also been prepared by the department of Economics.
- A vision of our Principal Dr.R.S.Zunjarrao and under the guidance of HOD, Economics , Dr.M.M.Satam, the Digital Currency Museum was inaugurated on 21st January ,2019 with the aim to enrich students with the knowledge by providing them information of currencies worldwide digitally.
- A programme for presentation of INTERIM BUDGET-2019 was organized by PG students of Economics on 8th February, 2019. Principal Dr. R.S.Zunjarrao also guided the students and expressed his views on this great initiative by the PG students of department of Economics. Dr. Prof.Vilas Adhav, HOD, Economics, SPPU, was the chief guest.

- Vyapar Mela was organized by P.E.S Modern College, Shivajinagar, on 15th and 16th of February,2019 in which the PG students of Economics participated whole heartedly and won first prize.
- The highly qualified team of faculty members takes efforts to keep the students well informed and keeps updating their knowledge. The students are also reciprocating by their achievements in academic performance as well as co- curricular activities. Large number of students from the department of Economics are getting placement in different parts of the country and also overseas. Every year several students are also selected in reputed foreign universities for higher studies. The Department of Economics imparts to the students a broader perspective and enables them to cope up with the changing business world.

Department of English

❖ **Department of English arranged following activities this year:**

1) Dr. Mukul Joshi, Head, Dept. of English, Abeda Inamdar College, Pune, was invited to conduct Academic Audit on 20th Sept. 2018.
2) Dr. Snober Satarawala, Head, Dept. of English, St. Mira's College, Pune, was invited as consultant for restructuring the syllabus of the college with autonomous status on 28th December 2018.
3) Dr. Mrunal Dhongade, Tatsam Linguistic Services, Pune, was invited to guide students regarding "Career Opportunities in Languages" on 5th February 2019.
4) Students of M.A. English attended a lecture delivered by Dr. P.C. Kar, renowned critic and English Literature scholar from Baroda University on 25th Sept. 2018 at SIFIL, Symbiosis, Model Colony Pune. Prof. Alka Kamble coordinated this visit.
5) British Council Library, Pune conducted a session on 21st December 2108 on 'Education and Scholarships in England'. Ms. Savitri Iyer conducted a session. Prof. Alka Kamble, Ms. Aswathi Nair, Ms. Mamata Pardeshi and Dr. Moushmi Dhumal coordinated this session.
6) We organized our annual poster exhibition on 16th January 2019 "Comidor" . The theme of the exhibition was to introduce comics as a first step of developing reading. Ms. Dipali Lodh, Ms. Pallavi Math and Ms. Ashwati Nair guided students.
7) M.A. English students participated in a session held by Association of Language Professionals at ELTIS, Symbiosis, Pune on 9th March 2019. They could communicate with the language professionals like translators, content writers, interpreters etc. This meet was coordinated by Prof. Alka Kamble.
8) The movie screening of King Lear, The Namesake, other short stories, Indra Nooyi interview was held for M.A. English students. This activity was coordinated by Ms. Pallavi Math, Dr. Moushmi Dhumal and Ms. Nilam Ingole.
9) Students displayed their creating writing abilities by participating in wall paper activities.
10) Ms. Pallavi Math conducted remedial classes for S.Y. B.A. students for compulsory English.
11) Quiz, mock interview and group discussion was conducted for F.Y.B.Com. students.
12) All the colleagues in the department participated in LMS training conducted by Mograsis Systems, Pune.
13) Department of English worked as a co-organizer with Art Circle of the College, to organize a one day workshop on 'Creative Writing, Poetry Writing and Music' on 26th February 2019. This programme was initiated by Ministry of Cultural Affairs, Government of Maharashtra.
14) Communication Skills sessions were conducted by Ms. Ashwati Nair and Ms. Anuja Sakalikar for F.Y.B.Sc. Students from 2nd July-30th July 2018.

❖ **Prof. Alka Kamble**

1) Was invited to chair a session at the National Conference on "Teaching Literature" organized by ELTIS, Symbiosis, Pune, on 8th and 9th February 2019.
2) Worked as Jury member to evaluate conference papers at National Conference.
3) Was invited to deliver a guest lecture on "Sociolinguistics" at Chakan Shikshan Mandal's Chakan College, Chakan on 16th February 2019.
4) Organized health check camp at college for all FY students.
5) Working as Ladies Room coordinator at college.
6) Participated in the National conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation, organized by MCASC, on 11th and 12th January 2019.

❖ **Ms. Dipali Lodh**

1) Participated in the National conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation, organized by MCASC, on 11th and 12th January 2019.

2) Translated articles on Mental Health for online publication. It is an NGO to spread awareness about mental health.

❖ **Ms. Pallavi Math**

Participated in the National conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation, organized by MCASC, on 11th and 12th January 2019.

❖ **Ms. Mamata Paradeshi**

1) Participated in the National conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation, organized by MCASC, on 11th and 12th January 2019.
2) Presented a paper at International Conference on Multi Disciplinary Research, Kolkata, India on 2nd March.

❖ **Dr. Moushmi Dhumal**

1) Presented a paper at International Conference at University of Mumbai on 19th, 20th and 21st December. Title " Integration of Multimedia in Teaching and Learning of Literature"
2) Attended One Day Faculty Development Programme in MCASC, Pune 5.
3) Participated Two Day workshop on Cooperative Learning Programme in MCASC, Pune 5.

❖ **Ms. Ashwati Nair**

1) Invited as guest lecturer at Environment Science Department, SPPU for F.Y.B.Sc. Biotech Blended students from September-December 2018.
2) Conducted a soft skill program- 'Turning Point' at Modern Law College, Ganeshkhind, Pune-16.
3) Received 3rd prize in the poster competition organized at the National Conference on ICT based teaching and learning by MCASC, Pune-05.

❖ **Ms. Ann Joy**

1. Conducted guidance sessions for students participating in International English Olympiad. Of the 19 students who participated, 2 students qualified, namely- Ms. Rujuta Anil Rokade and Ms. Khushi Shalimar Indani.
   2 students received gold medals and two students received silver and bronze medals respectively.
2. Conducted guidance sessions for students participating in debate competitions. Ms. Priyanka Gore was awarded the 'Best Speaker for the motion' at Vidya Bhavan Junior College's Inter Collegiate Debate Competition.

Department of Geography

Activities:

Vasundhara Fest-2019

- On 16th January 2019 one day Vasundhara Fest was organized on the occasion of world Geography day in the Department. Around 170 students of UG and PG participated in the fest. Inauguration of the fest was done at the hands of Honorable Principal Dr. Zunjarrao and all Vice-Principals during morning session. This was followed by the special guest lecture on **Melting of Glaciers** by **Dr. S.N. Karlekar**. After the Guest lecture Rangoli, Photography, Poster and Model Competition were held,which was judged by Dr.U.Khare (HoD, Geography Department, Wadia College) and Prof. Manasi Thakur (Director, Fashion Technology, Modern College). In the afternoon session certificates and trophies were awarded to the winners by the honorable guest Dr. S.W. Gaikwad (S.P. College, Department of Geography).

AA Audit

- Academic Administrative Audit was successfully conducted in the Department.

Excursion/Tours and Village Survey

- Village survey of Sangamner, Sangvi and Malvi, Bhor tahsil-Pune was conducted in Jan-2019 and village survey report was prepared by S.Y. B.A., T.Y. B.A. and S.Y. B.Sc. students.

IIRS, ISRO collaboration

- Department established a collaboration with IIRS, ISRO to conduct EDUSAT program in the Department.

Dr. V.B. Kamble

- Participated in **International conference** held in Srilanka during 24-25 November 2018, organized by **Union of Geographic Information Technologists (UGIT)**. Presented paper on **"Assessment of soil environment for natural resource management Western Maharashtra, India"**.
- Invited as C**hief guest** for inauguration of competitive examination centre in BJS's Arts, Science and Commerce College, Wagholi.
- **Special lecture** delivered on Competitive examination in Latur district in September 2018
- Invited as C**hief guest** for inauguration of Science Association in S.P. College, Pune-30, on 13th Feb 2019.
- Invited as C**hief guest** in intercollegiate Geo-Fest organized by S.P. College, Pune-30, at Pawnanagar, Mulshi.
- **Special lecture** delivered on 'Save water and watershed management' in NSS Camp at Phulgaon, Haveli.

Prof. Priyanka Kumari.

- Appointed as Lady **CTO officer in 3 MAH NAVAL NCC UNIT**.
- Successfully participated in one day workshop on collaborated learning.

Prof. Barnali Das.

- Appointed as course coordinator of **Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Government of India, EDUSAT** program.
- Successfully participated in one day workshop on Cooperative Learning.
- Successfully completed one week workshop cum training program on "**Coastal and Ocean Management**" held in IIRS, ISRO, Dehradun from 28th January to 1st February 2019.
- On 5th March 2019 one day **hands-on session on ERDAS** was conducted for 32 students of T.Y B.Sc. (Botany).

- Dr. V.B. Kamble
Head

Department of German

The Department Faculty cordially joined hands to carry out a successful venture for the new academic year.

- It is indeed a proud moment for the department when one of its students represents the College and the department on an inter-school and international platform. Ms. Khushi Indani from Class XI Arts received a scholarship through PASCH (Schools: Partners for the Future). She will be attending a three weeks course at a Language Institute in Sankt Peter-Ording, Germany in June 2019.
- German and Austrian Interns, who are specializing in Didactics at their native universities, visit our department every year to gain practical experience in teaching. This year was no exception. An intern, Ms. Olenka from the University of Vienna eagerly did class observations at the department (September-December 2018). She single handedly also took the responsibility of conducting couple of lectures for the Junior College.
- Our students of S.Y. & T.Y. German Special participated in an interactive presentation on the School System in India. The department sought to provide an insight into the Indian Education system for the intern and our students in return also received useful information on the university life in Vienna, it was indeed a perfectly designed, win-win situation!
- The department takes great pride in organizing and successfully completing the Language Skill Courses annually. These are Level 1 (A1) and Level 2 (A2) German language courses. It was yet another year, when the active participation of eleven students and well-trained faculty bore fruit.
- One more star was added to the list of the achievements of the department when four students of F.Y.B.A Advanced, Ms. Varda Maydeo, Ms. Ketaki Mangrulkar, Ms. Disha Shah, Ms. Hruta Kulkarni participated in a Quiz related to the topic 'Christmas Celebrations in Germany' organised by DAAD (German Academic Exchange Service) and won the first prize in the same.
- Towards the end of every academic year, the department committedly organizes extra-curricular activities for its students. The motive behind such activities is to familiarize the students to the culture and way of life of the people, whose language they learn so avidly.
- Arrangements were made for a German Cuisine, a Joke Narration and a Language Game Competition. It was a fun-filled activity and wholly served its purpose.
- The academic year ended on a rather celebratory note. A group of sixteen German students from the Ludwig Maximilian University, Munich, visited the college and the department. An interactive session with our students and an educative and comprehensive tour through our college campus was an enlightening experience for the foreign students. We hope that this has sown the seeds for further collaborative engagements with the German University.

- Sneha Mahajan
In-charge

हिंदी विभाग

शैक्षणिक वर्ष २०१८–१९ में हिंदी विभाग ने अपना रुप बदलते हुए कुछ नई गतिविधियों का आरंभ किया। सन २०१६ में शुरु की गई 'आज के शब्द' और 'अरुणिमा' गतिविधियाँ भी इस वर्ष अत्यंत सुचारु ढंग से जारी रही।

१) राज्यस्तरीय हिंदी निबंध लेखन–प्रतियोगिता – पिछले वर्ष हिंदी विभाग ने पुणे जिल्हास्तरीय निबंध लेखन प्रतियोगिता का आयोजन किया था। उससे एक कदम आगे बढाते हुए इस बार राज्यस्तरीय हिंदी निबंध लेखन प्रतियोगिता का अगस्त २०१८ में आयोजन किया था। उससे एक कदम आगे बढाते हुए इस बार राज्यस्तरीय हिंदी निबंध लेखन प्रतियोगिता का अगस्त

२०१८ में आयोजन किया। पुणे के अलावा जलगाँव, नंदुरबार, मुंबई, नाशिक, अहमदनगर, सोलापूर आदि शहरों के विभिन्न महाविद्यालयों के कनिष्ठ और स्नातकोत्तर श्रेणी के २०० से अधिक छात्र शामिल हुए।

पुरस्कार प्राप्त छात्र –

१. प्रथम – राजश्री कोकरे – रामनारायण रुईया कॉलेज, मुंबई (२०००/– राशि, सन्मानचिह्नन, प्रमाणपत्र)
२. द्वितीय – पुनम बुदगुडे – अनंतराव थोपटे महाविद्यालय, भोर, पुणे (१०००/– राशि, सन्मानचिह्न, प्रमाणपत्र)
३. तृतीय – निकिता किवळे – मॉडर्न महाविद्यालय, शिवाजीनगर, पुणे (१०००/– राशि)
४. प्रोत्साहनपर – मयुरी अमोदकर – कोटेचा कॉलेज, भुसावल (७००/– राशि, सन्मानचिह्न, प्रमाणपत्र)

२) महाविद्यालयस्तरीय हिंदी विज्ञापन लेखन प्रतियोगिता – अगस्त २०१८ हिंदी विभाग ने जिस प्रकार निबंध प्रतियोगिता राज्यस्तरीय स्तर पर में आयोजित की। उस प्रकार विज्ञापन प्रतियोगिता के संदर्भ में वह विभाग के स्तर पर सीमित न रखते हुए वह महाविद्यालय विभाग के लिए खुली कर दी गई। इस प्रतियोगिता में ३५ से अधिक छात्र सहभागी हुए।

पुरस्कार प्राप्त छात्र –

१. प्रथम – अर्चना पाल (प्रथम वर्ष वाणिज्य)
२. द्वितीय – मयुरी कुचेकर (प्रथम वर्ष वाणिज्य)
३. तृतीय – गौतमी कुलकर्णी (प्रथम वर्ष वाणिज्य)
४. चतुर्थ – दीपाली बाठे (प्रथम वर्ष वाणिज्य)

इस बार वाणिज्य के छात्रों ने बाजी मारते हुए विज्ञापन के सभी पुरस्कार हासिल किए।

३) हिंदी दिवस समारोह और हिंदी फिल्म उद्घाटन – २६ सितंबर २०१८ को हिंदी विभाग द्वारा आयोजित हिंदी दिवस समारोह संपन्न हुआ। इस समारोह में प्रमुख अतिथि के रुप में हिंदी फिल्म निर्देशक श्री. प्रीत सिंह उपस्थित थे। उनके हाथों हिंदी फिल्म क्लब का उद्घाटन किया गया। हिंदी कहानी सम्राट प्रेमचंद की ख्यातनाम कहानी 'कफन' दिखाई गई। निर्देशक प्रीत सिंह जी ने हिंदी भाषा का फिल्म में योगदान इस विषय पर अपने विचार अभिव्यक्त किए। इस समय कार्यक्रम के प्रायोजक श्री. दिलीप वाडेकर और मॉडर्न महाविद्यालय के छात्र, अभिनेता परितोष भोसले उपस्थित थे। दिलीप वाडेकर जी ने प्रस्तुत कार्यक्रम के आयोजन हेतु हिंदी विभाग को १५०००/– की सहायता करते हुए प्रायोजकत्व की भूमिका निभाई।

हिंदी दिवस समारोह और हिंदी फिल्म क्लब उद्घाटन के अवसर पर अगस्त २०१८ में आयोजित की गई राज्यस्तरीय हिंदी निबंध लेखन प्रतियोगिता और महाविद्यालय स्तर पर हिंदी विज्ञापन लेखन प्रतियोगिता के पुरस्कार श्री. प्रीत सिंह, श्री. दिलीप वाडेकर, प्राचार्य डॉ. राजेंद्र झुंजारराव, परितोष भोसले जी के द्वारा वितरित किए गए। कार्यक्रमों का संयोजन डॉ. प्रेरणा उबाळे ने किया तथा मंच संचालन प्रा. असीर मुलाणी जी ने किया।

इस कार्यक्रम में कला शाखा की उपप्राचार्या डॉ. अमृता ओक, गृहनिर्माण संस्था के सचिव श्री. श्रीधर, हिंदी विभाग के प्रा. समाधान भडकुंबे, प्रा. सुनिल डोईफोडे, प्रा. विनोद सूर्यवंशी और विभिन्न महाविद्यालयों से आए अनेक छात्र उपस्थित थे।

४. वाचन प्रेरणा दिन – डॉ. अब्दुल कलाम की जयंती के अवसर पर दिनांक १५ अक्तूबर २०१८ को हिंदी विभाग में हिंदी विशेष के लिए छात्रों के लिए वाचन प्रेरणा दिन का आयोजन दिया गया। इस अवसर पर विद्यार्थियों ने उनके द्वारा पढी गई पुस्तकों की चर्चा की। प्रत्येक विद्यार्थी ने लेखक का परिचय देते हुए पुस्तक का सारांश, पुस्तक का महत्त्व स्पष्ट किया। तथा पुस्तक के उन्हें प्रभावित करनेवाले बिंदुओ पर प्रकाश डाला। विद्यार्थियों ने चर्चा के पश्चात पुस्तक वाचन करते समय का अनुभव भी बताया। बड़े उत्साह से छात्रों ने एक–दूसरे की पुस्तक के विषय के संदर्भ में प्रश्न किए। सही मायने में छात्रों ने इस दिन को सार्थक किया।

५) **फन फेअर गेम –** हिंदी विभाग के छात्रों के लिए विभाग ने फन फेअर गेम का दिनांक २२ फरवरी २०१९ को आयोजन किया था। इसमें छात्र और अध्यापक सहभागी होते हुए आनंद लिया। सहभागी प्रत्येक विद्यार्थी ने एक–एक पर्ची लेते हुए उस पर लिखे कार्य का अभिनय किया। विद्यार्थियों की माँग पर अध्यापकों ने भी पर्ची उठाकर उस पर लिखे कार्य को पूरा किया। अभिनय करनेवाले विद्यार्थियों को उपहार प्रदान किया गया।

६. **बैंक अध्ययन यात्रा –** दि. २० फरवरी २०१९ को हिंदी विषय के छात्रों की बैंक ऑफ महाराष्ट्र, मुख्य शाखा, लोकमंगल, शिवाजीनगर, पुणे के राजभाषा विभाग में अध्ययन यात्रा संपन्न हुई। छात्रों को हिंदी कार्यप्रणाली, भाषा से संबंधित कार्य बैंक के राजभाषा विभाग में कैसे संपन्न होते हैं तथा बैंक में हिंदी के छात्रों के लिए रोजगार के अवसरों की जानकारी लेना इस अध्ययन यात्रा का मुख्य उद्देश्य था। इस लघु अध्ययन यात्रा में राजभाषा विभाग ने हिंदी विभाग काबडे सुचारू रुप से स्वागत किया। डॉ. राजेंद्र श्रीवास्तव (वरिष्ठ कार्यपालक, राजभाषा विभाग) जी ने राजभाषा हिंदी से संबंधित बैंक के कार्यों का विस्तृत परिचय विद्यार्थियों को दिया। छात्रों की जिज्ञासाओं की पूर्ति थी उन्होंने तथा राजभाषा विभाग के अन्य सदस्य निशांत शाह, लोकप्रभा वाघे, निलेशकुमार आदि ने की।

७. **लघु फिल्म कार्यशाला –** दि. २३ फरवरी २०१९ को मॉडर्न महाविद्यालय के सभी छात्रों के लिए सेमिनार हॉल में हिंदी विभाग द्वारा लघु फिल्म कार्यशाला का आयोजन किया गया था। इस कार्यशाला के उद्घाटन तथा मुख्य वक्ता के रुप में श्री. अभिजीत मोरे (फिल्म निर्देशक, फिल्म निर्माता, एडिटर) उपस्थित थे।

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उन्होंने लघु फिल्म कैसे देखी जाती है: संवाद ध्वनि, पटकथा लेखन, उसकी सूक्ष्मता और विचारों की मार्मिकता, लोकेशन, एडिटिंग, कॅमेरा, अभिनय आदि के संदर्भ में जानकारी प्रदान की। उन्होंने अपने द्वारा निर्देशित 'उठान' लघु फिल्म इस कार्यशाला में दिखाई तथा रफ कट और अंतिम फिल्म के बीच का अंतर प्रत्यक्ष रुप में छात्रों को समझाया। छात्रों से एक प्रत्यक्ष रुप में वहाँ लघु फिल्म का लेखन, उसमें अभिनय और फिल्मांकन भी कराया। साथ ही उन्होंने भाषा विषय के छात्रों के लिए फिल्मों में विभिन्न कार्य के अवसरों की महत्त्वपूर्ण जानकारी भी प्रदान की। प्रस्तुत कार्यशाला में महाविद्यालय के प्राचार्य डॉ. राजेंद्र झुंजारराव जी ने अपना मंतव्य स्पष्ट किया। संगणकशास्त्र विभाग प्रमुख प्रा. शामकांत देशमुख जी के सहयोग से इस कार्यशाला का आयोजन हिंदी विभागाध्यक्षा डॉ. प्रेरणा उबाळे जी ने किया। कार्यशाला के उद्घाटन के समय डॉ. प्रेरणा उबाळे जी ने इस कार्यशाला के आयोजन का उद्देश्य स्पष्ट किया। प्रमुख वक्ता श्री. अभिजीत मोरे के सहायक निर्देशक श्री. आकाश गायकवाड भी उपस्थित थे।

कार्यशाला का सूत्रसंचालन प्रा. असीर मुलाणी जी ने किया। कार्यशाला में प्रा. समाधान भडकुंबे, डॉ. वैजयंतीमाला जाधव, प्रा. अश्वती नायर, पूना कॉलेज के हिंदी विभाग प्रमुख डॉ. शकिर शेख, सह्याद्री बुलेटिन के वार्ताहर श्री. प्रवीण डोळस तथा विभिन्न महाविद्यालयों के विद्यार्थी उपस्थित थे।

अन्य महत्त्वपूर्ण गतिविधियाँ –

१) **श्री. डी.पी. त्रिपाठी राज्यसभा क्षेत्र, स्थानिक विकास योजना के अंतर्गत राष्ट्रभाषा की पुस्तके प्राप्त –** इस वर्ष हिंदी विभाग को श्री. डी. पी. त्रिपाठी राज्यसभा क्षेत्र स्थानिक योजना के अंतर्गत २०१५–१६ और २०१७–१८ वर्ष की शिक्षा अधिकारी जिला परिषद की ओर से रुपये ५०,००० की हिंदी पुस्तके प्राप्त हुई। पिछले वर्ष इस योजना के अंतर्गत विभागाध्यक्षा डॉ. प्रेरणा उबाळे ने मॉडर्न महाविद्यालय का प्रपत्र इसके लिए प्रस्तुत किया था। अतः समाजशास्त्र साहित्य कहानी, विज्ञान, उपन्यास आदि। विभिन्न प्रकार की १७७ हिंदी पुस्तकें हिंदी विभागाध्यक्षा डॉ. प्रेरणा उबाळे, हिंदी विभाग के प्रा. विनोद सूर्यवंशी, ग्रंथपाल प्रा. संगीता ढमढेरे, श्री. काकडे जी ने दि. २७–७–२०१८ को आर. सी. एम. गुजराथी हायस्कूल पुणे से योजना के दस्तावेजों की पूर्ति करते हुए वह प्राप्त की।

२) **हिंदी विभाग की लेखा–परीक्षा –** दि. २० सितंबर २०१८ को हिंदी विभाग की लेखा–परीक्षा संपन्न हुई। लेखा–परीक्षा के लिए आबासाहेब गरवारे महाविद्यालय, पुणे की हिंदी विभागाध्यक्षा डॉ. नीला बोरवणकर लेखा परीक्षक के रुप में उपस्थित थी। हिंदी विभाग की पृष्ठभूमि बताते हुए हिंदी विभागाध्यक्षा डॉ. प्रेरणा उबाळे ने विभाग में आयोजित की जानेवाली विभिन्न गतिविधियों की जानकारी प्रदान की। हिंदी विभाग की महत्त्वपूर्ण गतिविधियों के कुछ नमूने सहभागी विद्यार्थियों के विज्ञापन, पुरस्कार प्राप्त निबंध, चित्र, कविताएँ आदि का प्रस्तुतीकरण डॉ. बोरवणकर जी ने सामने किया गया। प्रा. समाधान भडकुंबे और प्रा. असीर मुलाणी उन्हे अपना परिचय शैक्षणिक योग्यता बताते हुए हिंदी विभाग में कार्य करने की संतुष्टि अभिव्यक्त की। अंत में लेखा परीक्षक डॉ. बोरवणकर जी ने मार्गदर्शन करते हुए हिंदी विभाग में जारी गतिविधियों कार्यक्रम तथा आज के शब्द, अरुणिमा स्पोकन हिंदी कार्यशाला के आयोजन की प्रशंसा की। अपनी ओर से उन्होंने कुछ परामर्श भी हिंदी विभाग की उन्नति के लिए दिए। डॉ. बोरवणकर जी ने हिंदी विभाग के सभी प्राध्यापकों के उत्साह और कार्यक्षमता की प्रशंसा करते हुए भविष्य के लिए शुभकामनाएँ दी।

३) **LMS Training –** २२ मार्च २०१९ को मॉडर्न महाविद्यालय की ओर से आयोजित LMS (Learning Management System) Training में हिंदी विभाग की ओर से डॉ. प्रेरणा उबाळे ने सहभाग लिया। यह प्रशिक्षण कोथरुड, पुणे के प्रशिक्षण केंद्र में आयोजित किया गया था। श्री. मानदळे जी ने मॉडर्न महाविद्यालय के प्राध्यापकों को ऑनलाईन शिक्षाप्रणाली के संदर्भ में जानकारी दी तथा Mograsis ॲप ऑनलाईन प्रश्नपत्र निर्माण नोट्स बनाना, परीक्षा पद्धति, छात्रों की उपस्थिती आदि के संदर्भ में विस्तृत जानकारी दी।

व्यक्तिगत उपलब्धियाँ –

डॉ. प्रेरणा उबाळे –

१. मुझे कविता पर भरोसा है शीर्षक पुस्तक में साहिल शेख, मेघराज मेश्राम, कविता म्हेत्रे की मराठी कविताओं का किया अनुवाद 'सवाल', 'आसिफा', 'आसिफा' के लिए शीर्षक से प्रकाशित – मई २०१८.
२. उपर्युक्त कविताओं का 'कथांतर' पत्रिका में (संपा–राणा प्रताप, उत्तर प्रदेश) पुनर्प्रकाशन – जुलाई २०१८.
३. 'सगुणा' त्रैमासिक में हिंदी कवि केदारनाथ सिंह की कविताओं का किया मराठी अनुवाद 'ही पृथ्वी राहणार', 'पीक', 'काळाची शिवण' शीर्षक से प्रकाशित – जून २०१८.
४. 'सगुणा' त्रैमासिक में हिंदी कवि अरुण प्रधान की कविताओं का किया मराठी अनुवाद 'राहिलंय अजून' शीर्षक से प्रकाशित – जून २०१८.
५. 'सगुणा' त्रैमासिक में 'शहरी इंडिया व ग्रामीण भारत यांत तफावत का आहे?' हा भाषांतरीत लेख प्रकाशित आणि 'इमल्याच्या पायथ्याशी' शीर्षक मराठी कविता प्रकाशित – सितंबर २०१८.
६. उपर्युक्त लेख असंतोष वेब पोर्टल पर ०१–१५ अक्तूबर २०१८ के अंक में पुर्नप्रकाशित – अक्तूबर २०१८.

७. स्वयंसिद्धा प्रतिष्ठान, पिंपरी–चिंचवड शहर और प्रतिभा महाविद्यालय, चिंचवड द्वारा आयोजित राज्यस्तरीय महिला प्रेरणा सम्मेलन में कविता वाचन – १९ अगस्त २०१८.

८. भारत–भारती पुणे संस्था द्वारा आयोजित सिम्बॉयसिस इन्स्टिट्यूट, विमाननगर, पुणे में राष्ट्रीय स्तर पर बंधुता रक्षाबंधन उत्सव कार्यक्रम का सूत्रसंचालन – २ सितंबर २०१८.

९. समरसता साहित्य परिषद पिंपरी चिंचवड शाखा द्वारा आयोजित 'कवितेकडून कवितेकडे' शीर्षक साहित्य सम्मेलन में कविता वाचन – २ सितंबर २०१८.

१०. असंतोष वेब पोर्टल पर 'ऐतिहासिक शेतकरी आंदोलनाला १०० वर्षं पूर्ण आजही परिस्थिती जैसे थे' नामक लेख प्रकाशित – १५ अक्तूबर २०१८.

११. असंतोष वेब पोर्टल पर हिंदी कवि पवन पटेल की कविताओं का मराठी अनुवाद 'हे रहस्यमयी' नामक अनुवाद प्रकाशित – २१ अक्तूबर २०१८.

१२. युनिक विजन इंग्लिश मीडियम स्कूल, पुणे येथे आयोजित हिंदी लेखन और हिंदी व्याकरण, विषय पर दो व्याख्यान – ०७ और १२ अक्तूबर २०१८.

१३. पृथा दीपावली अंक में हिंदी नाटककार असगर वजाहत के 'गोडसे @ गांधी.कॉम' नाटकपर समीक्षापर लेख और हिंदी नाटक के कुछ अंश का मराठी अनुवाद प्रकाशित – अक्तूबर २०१८

१४. हिंदी – मराठी साहित्य लेखन के लिए ब्लॉग आरंभ किया है – www.prerunaubale.blogspot.com अगस्त २०१८ से कावेरी कॉलेज ऑफ आर्टस्, सायन्स ॲन्ड कॉमर्स, पुणे में प्रथम वर्ष कला सामान्य हिंदी विषय के लिए पेपर सेंटिग और पेपर चेकिंग – अक्तूबर २०१८.

१५. बंजारा दिपावली अंक (संपा. रमेश खेतावन, पुणे) में 'शिक्षणाने काय मिळते' लेख पुनः प्रकाशित – अक्तूबर २०१८.

१६. शोधऋतु (संपा. डॉ. सुनिल जाधव, लातूर) अंतर्राष्ट्रीय शोध पुस्तिका में 'उत्तर भारत में भक्ति आंदोलन तथा भक्तिकाव्य की रसात्मकता' शोधालेख प्रकाशित (ISBN) नवंबर २०१८.

१७. 'खेळ' त्रैमासिक (संपा. मंगेश नारायणराव काळे, पुणे, अंक ४१) पत्रिका में कवि कर्मानंद आर्य की तीन हिंदी कविताओं का मराठी अनुवाद – नायकविहिन, प्रतीक्षा, प्रतिमा शीर्षक से प्रकाशित – दिसंबर २०१८.

१८. 'जनकृति' बहुभाषी आंतरराष्ट्रीय मासिक पत्रिका के संयुक्त अंक ४२–४३ में (संपा.डॉ. कुमार गौरव मिश्रा, छत्तीसगढ) ISSN No.–२४५४–२७२५, कवि दयानंद कनकदंडे की मराठी कविताओं का हिंदी अनुवाद कचोट, पानी, गिरावट, मुहर लगी, साम्राज्यवादी शीर्षक से प्रकाशित – अक्तूबर–नवंबर – २०१८.

१९. परिवर्तनाचा वाटसरू – पत्रिका में (संपा. अभय कांता, पुणे वर्ष १८, अंक – १५) हिंदी कवि मंगलेश डबराल की कविताओं का मराठी अनुवाद हुकुमशहा, माध्यमांची श्रीमंती शीर्षक से प्रकाशित १–१५ दिसंबर २०१८.

२०. पृथा फौंडेशन – पुणे द्वारा युवा साहित्यकार पुरस्कार से सम्मानित – १५ दिसंबर २०१८.

२१. संगणकशास्त्र विभाग, मॉडर्न महाविद्यालय, पुणे – ०६ में ICT Based Used of Advanced Educational Technologies in Teaching, Learning and Evaluation विषय पर आयोजित चर्चासत्र में सहभाग – १२ जनवरी २०१८.

२२. हिंदी विभाग, पूना कॉलेज में पूर्वी देशों तथा चीन में हिंदी की दशा एवं दिशा तथा हिंदी में रोजगार के अवसर विषय पर आयोजित अंतर्राष्ट्रीय चर्चासत्र में सहभाग – १९ जनवरी २०१९

२३. असंतोष वेबपोर्टल (संपा. दयानंद कनकदंडे, रोहित बागुल) पर 'गोडसे @ गांधी.कॉम' नाटक पर लेख और नाटक के कुछ अंश का मराठी अनुवाद पुनःप्रकाशित – ३० जनवरी २०१९.

२४. सुखनजादे, पुणे संस्था द्वारा आयोजित जश्न–ए–तकरीर कार्यक्रम में हिंदी काव्य साहित्य पर आधारित लघु चर्चा में सहभाग – १० फरवरी २०१९.

२५. सांस्कृतिक संचालनालय, महाराष्ट्र शासन द्वारा मॉडर्न महाविद्यालय में पुणे–५ में पु.ल., गदिमा, बाबूजी की जन्मशती पर आयोजित लेखन, काव्य, संगीत कार्यशाळा में सहभाग – २६ फरवरी २०१९.

२६) मराठी पत्रिका 'परिवर्तनाचा वाटसरु' पत्रिका के वर्ष १८, अंक २४ में (संपादक – अभय कांता, पुणे : ISSN No.–२२५०३१४५) स्मरणिका गुप्ताद्वारा लिखित हिंदी कविताओंक मराठी अनुवाद 'मी मुक्त झालेय', 'प्रतिरोध' शीर्षक से प्रकाशित। इसी अंक में स्मरणकिा गुप्ता पर 'अलविदा स्मरणिका जी' शीर्षक आदरांजलीपरक लेख प्रकाशित : १६–३० एप्रिल २०१९

२७ मराठी पत्रिका 'सगुणा' (संपादिका–शोभा करांडे, पुणे: वर्ष ७, अंक १) में हिंदी कवि विष्णु खरे द्वारा लिखित कविताओं का मराठी अनुवाद – 'मार खाऊनसुद्धा त्या रडल्या नाहीत', 'मृत्यू आणि त्यानंतर', 'आपल्याला का परतायचंय' शीर्षक से प्रकाशित, जनवरी – मार्च २०१९

प्रा. असीर मुलाणी –

१. हिंदी विभाग एम.यू.सी.सी. महाविद्यालय पिंपरी, पुणे में हिंदी दिवस के अवसर पर 'हिंदी की संवैधानिक स्थिति' विषय पर अतिथि व्याख्यान – २२ सितंबर २०१८.

२. हिंदी विभाग पूना कॉलेज पुणे में 'पूर्वी देशों तथा चीन में हिंदी की दशा एवं दिशा तथा हिंदी में रोजगार के अवसर' विषय पर आयोजित अंतर्राष्ट्रीय चर्चासत्र में सहभाग – १९ जनवरी २०१९.

३. सेंट मीराज आर्टस्, कॉमर्स अॅन्ड सायन्स, गर्ल्स कॉलेज, पुणे में हिंदी विभाग में 'हिंदी संतकाव्य परंपरा में नागार्जुन का स्थान' इस विषय पर अतिथि व्याख्यान – २२ फरवरी २०१९.
४. सांस्कृतिक संचालनालय, महाराष्ट्र शासन की ओर से पु.ल., गदिमा, बाबूजी की जन्मशती के अवसर पर आयोजित लेखन–काव्य–संगीत कार्यशाला में सहभाग – २६ फरवरी २०१९.

प्रा. समाधान भडकुंबे –

१. संगणकशास्त्र विभाग, मॉडर्न महाविद्यालय, पुणे ५ में ICT Based Used of Advanced Educational Technologies in Teaching, Learning and Evaluation विषय पर आयोजित चर्चासत्र में सहभाग ११–१२ जनवरी २०१९.
२. हिंदी विभाग पूना कॉलेज में 'पूर्वी देशों तथा चीन में हिंदी की दशा एवं दिशा तथा हिंदी में रोजगार के अवसर' विषय पर आयोजित अंतर्राष्ट्रीय चर्चासत्र में सहभाग – १९ जनवरी २०१९.
३. हिंदी विभाग सावित्रीबाई फुले पुणे विद्यापीठ, पुणे द्वारा 'हिंदी शिक्षण के विविध आयाम' विषय पर आयोजित अंतर्राष्ट्रीय कार्यशाला में सहभाग २२–२३ फरवरी २०१९.
४. सांस्कृतिक संचालनालय, महाराष्ट्र शासन की ओर से पु.ल., गदिमा, बाबूजी की जन्मशती के अवसर पर आयोजित लेखन–काव्य–संगीत कार्यशाला में सहभाग – २६ फरवरी २०१९.

– डॉ. प्रेरणा उबाळे
विभागप्रमुख

मराठी विभाग

मराठी वाङ्मयमंडळाच्या वतीने शैक्षणिक वर्ष २०१८–२०१ ९ मध्ये पुढील महत्त्वपूर्ण कार्यक्रम साजरा झाले. मराठी विभागातर्फे यावर्षी मुद्रितशोधन आणि शुद्धलेखन या विषयावर (१ ऑगस्ट २०१८ते फेब्रुवारी २०१९)सहा महिन्याचा प्रमाणपत्र अभ्यासक्रम आयोजित करण्यात आला. या अभ्यासक्रमाचे सहसंयोजन डॉ.मनीषा खैरे यांनी केले .एकूण ४० विद्यार्थ्यांनी या अभ्यासक्रमाला प्रवेश घेतला होता.

मराठी विभागात वाचन प्रेरणा दिवसानिमित्त खालील उपक्रमांचे आयोजन करण्यात आले.बी.ए.आणि एम.ए.च्या विद्यार्थ्यांनी ए.पी.जे.अब्दुल कलाम यांच्या अग्निपंख या पुस्तकातील उतार्यां चे वाचन केले. ए.पी.जे.अब्दुल कलाम यांचे संशोधन क्षेत्रातील कार्य आणि त्याबाबतच्या त्यांच्या आठवणी यावर विद्यार्थ्यांनी चर्चा केली.विद्यार्थ्यांची शुध्द्लेखन स्पर्धा घेण्यात आली.डॉ.गजानन अपिने यांनी ए.पी.जे अब्दुल कलाम यांच्या कार्याचा परिचय करून दिला.

मराठी भाषा दिनाच्या (२७ फेब्रुवारी २०१९) निमित्ताने महाविद्यालयाचे विद्यार्थी अस्मिता पायनाईक (एम.ए.भाग २) व मोहिनी ननावरे (एम.ए.भाग १) या विद्यार्थ्यांनी संगणक व मराठी याचा वापर या विषयावर सादरीकरण केले. याप्रसंगी युनिकोडचा वापर व त्यातील अडचणी यांचे प्रात्यक्षिक व चर्चा उपस्थित सर्व विद्यार्थ्यांनी केली.यावेळी विविध स्पर्धा घेण्यात आल्या. त्याचे विजेते पुढीलप्रमाणे आहेत –

कानामात्रा विरहित शब्दलेखन

विजेते –

१. रविंद्र नागेश शिंदे
२. अमोल अशोक भगत
३. मारूती तुकाराम सुर्यवंशी
४. प्रथमेश उमेश डांगे

वक्तृत्व स्पर्धा

विजेते –

१. शशिकांत राऊत
२. रविंद्र नागेश शिंदे
३. अपूर्वा जगताप
४. सचिन कच्चवा
५. शुभम राणे

काव्यवाचन स्पर्धा

विजेते –

१. सूरज पंडित
२. रविंद्र शिंदे
३. सचिन कच्चवा
४. अचला नामजोशी

मातृभाषादिनानिमित्त विद्यावाणी सामुदायिक रेडिओच्या वतीने कार्यक्रम आयोजित करण्यात आला होता. 'नभोवाणी सादरीकरण' या विशेष उपक्रमात मॉर्डन महाविद्यालयाच्या मराठी विभागातील एम.ए.च्या विद्यार्थिनींनी' मराठी भाषेची सद्यस्थिती व भाषेसमोरील आव्हाने' या विषयावर परिसंवाद सादर केला. अस्मिता पायनाईक, मोहिनी ननावरे, अमिषा सोंडे, चेताली गायकवाड या विद्यार्थीनींनी या परिसंवादात सहभाग घेतला. हा परिसंवाद विद्यावाणीवरून प्रसारित करण्यात आला. विद्यार्थांच्या सहभागाबद्दल त्यांना आपण प्रमाणपत्र देण्यात आले. एम .ए. मराठीच्या विद्यार्थ्यांनी यावर्षी आकाशवाणी केंद्र ,पुणे आणि भांडारकर संशोधन संस्थेला भेट दिली. मराठी भाषा गौरव दिनाच्या निमित्ताने पत्रकार स्वाती महाळंक यांची एम.ए. च्या विद्यार्थ्यानी मुलाखत घेतली. स्वाती महाळंक यांनी मराठी भाषा आणि करिअरच्या संधी यांचा यानिमित्ताने आढावा घेतला. मराठी भाषा दिनानिमित्त डॉ.राजेंद्र थोरात यांनी 'कुंकू ते सैराट' या विषयावर व्याख्यान दिले. शिवाजी विद्यापीठाचे माजी विभागप्रमुख डॉ.रवींद्र ठाकूर यांनी 'सर्जनशील लेखन आणि मराठी साहित्यव्यवहार' या विषयावर व्याख्यान दिले. मराठी भाषा संवर्धन पंधरवड्यानिमित्त काही पदवी पातळीवरील विद्यार्थ्यांनी विद्यावाणीसाठी कथा, कविता

सादर केल्या. मोहिनी ननावरे, शशिकांत राऊत, आमिष सोंडे, चैत्राली गायकवाड इ. बँक ऑफ महाराष्ट्राच्या वतीने 'भ्रष्टाचार मुक्त भारत ' निबंध स्पर्धा महाविद्यालयात आयोजित केली. त्यात अनेक विद्यार्थ्यांनी सहभाग नोंदवला होता. सहभागींना प्रमाणपत्र देण्यात आले. प्राचार्य डॉ. राजेंद्र झुंजारराव, बँक व्यवस्थापक श्री.जोशी, बँक ऑफ महाराष्ट्र, पुणे यांच्या उपस्थित प्रमाणपत्र वितरण सोहळा संपन्न झाला. मराठी विभागाचा विद्यार्थी महेश कांबळे आणि नेट परीक्षा उत्तीर्ण झाला.

या सत्रातील विशेष कामगिरी –

डॉ.निशा भंडारे

१) सर्जिकल स्ट्राइकवर व्याख्यान – हुजूरपागा महाविद्यालय

२) डॉ. बाबासाहेब आंबेडकर कॉलेज रयत शिक्षणसंस्था ,औंध दोन दिवसीय राष्ट्रीय चर्चासत्रात निबंध वाचन 'कै. भाऊराव पाटील'

३) आण्णासाहेब मगर महाविद्यालय हडपसर दोन दिवसीय राष्ट्रीय सत्रात शोध निबंध सादर 'स्त्री मुक्ती चळवळीची गीते

४) विद्यावाणी पुणे विद्यापीठ, परिसंवाद सहभाग

५) भारतीय जैन संघटनेचे कला, विज्ञान आणि वाणिज्य महाविद्यालय वाघोली पुणे–७ आयोजित राज्यस्तरीय वक्तृत्वस्पर्धेत परीक्षक म्हणून काम केले.

६) १४ एप्रिल २०१९ रास्ता पेठ, एम.एस.ई.बी. येथे 'डॉ. बाबासाहेब आंबेडकर यांचे राष्ट्रप्रेम' विषयावर व्याख्यान.

७) सम्राट अशोक बोधी विहार वानवडी, कोंढवा, पुणे येथे दि. १९ एप्रिल २०१९ रोजी 'धम्म चळवळीतील स्त्रियांचे योगदान' व्याख्यान.

८) फुले–शाहू–आंबेडकर विचारमंच, केंद्रीय जल तथा विद्युत अनुसंधान खडकवासला येथे ३० एप्रिल २०१९, 'डॉ. बाबासाहेब आंबेडकरांची जल–नीती' – व्याख्यान.

डॉ. वैजयंती जाधव

१. शाहू महाराजांचे कलाप्रेम या विषयावर निबंधवाचन, शाहू –फुले – आंबेडकर यांचे राष्ट्रीय आणि आंतरराष्ट्रीय स्तरावरील योगदान या आंतरराष्ट्रीय चर्चासत्रात सहभाग आणि निबंध सादर.

२. अरुण कोलटकर: व्यक्ती आणि वाङ्मय या विषयावर आंतरराष्ट्रीय चर्चासत्रात सहभाग आणिनिबंध सादर.

३. राष्ट्रीय महिला आरोग्य हक्क परिषेदत सहभाग १५,१६ आणि १७ नोव्हेंबर २०१८.

४. लिंगभाव आणि विकास या विषयावर सावित्रीबाई फुले पुणे विद्यापीठाचा प्रमाणपत्र अभ्यासक्रम पूर्ण –.

६. ICT बेस्ड युज ऑफ अडवान्सड एज्युकेशनल टेकनॉलॉजिस इन टिचिंग लर्निंग अँड इवोल्युशन या राष्ट्रीय चर्चासत्राचे वृत्तांत लेखन

७. ॲचस्ट्रोबायोकॉन या आंतराष्ट्रीय परिषदेचे वृत्तांतलेखन.

डॉ. गजानन अपिने

- मराठी भाषा गौरव दिनानिमित्त कुरुंदवाड न्यायालयात व्याख्यान.
- मराठी विभागात मराठी भाषा पंधरवड्या निमित्त व्याख्यान
- युजीसी ,दिल्ली येथे पोस्ट डॉक्टरल प्रबंध सादर.

डॉ. वसंत कुलकर्णी

- प्रेरणा पुरस्कार २०१९ रॉयस्मी मिशन च्या वतीने

डॉ. मनिषा खैरे

- सावित्रीबाई फुले पुणे विद्यापीठाची पोस्ट डॉक्टरल फेलोशिप प्राप्त

डॉ. निशा भंडारे
विभागप्रमुख

Department of Political Science

On the occasion of the demise of late Prime Minister of India Atal Bihari Vajpayee, Political Science department in collaboration with Yuva Munch organized an event named 'Atalvani'. Documentary presentation as well as Speeches by the students remembering the former Prime Minister were conducted.

- As per the instructions received from Collector Office Pune, Department of Political Science conducted "Voter Enrollment Drive" awareness program on 15th October 2018 at Assembly Hall, Modern College of Arts, Science and Commerce, Shivajinagar, Pune 05.

  Department of Political Science had organized a Debate Competition on 30th October 2018, on the topic "Eradication of Corruption: Building New India" with the collaboration of New India Assurance Company LTD.
- On 18th January 2019 Department of Political Science organized an exhibition named 'Demokratia'. The objective of the event was to showcase the elements of Political Science through Models, Posters, Games and Performances.
- Team of Political Science department participated and becomes the winner of the Inter-collegiate Mock parliament competition held on 23rd February 2019 organised by Haribhai V. Desai College, Pune.

Achievements of faculty

Prof. D. L. Khokale

- Presented and published paper titled 'Dr. Ambedkar's Thoughts on Women Empowerment' in State level seminar conducted by Dr. Babasaheb Ambedkar College, Aundh, Pune 67. (ISSN- 23487143)

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- Presented paper titled 'Innovations of Education in Empowering Participatory Governance' in 58th All India Political Science Conference conducted by Choudhary Charan Singh University.

Prof. H. A. Jadhav

- Participated in Radio programme called 'LokJagar'. A series on Indian constitution named 'Sanvidhan Darshan' for public awareness purpose art All India Radio, Pune.

Prof. T.A. Inamdar

- Delivered a guest lecture at Poona College on ' Parliamentary proceedings' in September 2018.
- Qualified State Eligibility Test (SET) in 2018.
- Presented and published paper titled 'Dr. Ambedkar's Thoughts on Education' in State level seminar conducted by Dr. Babasaheb Ambedkar College, Aundh, Pune 67. (ISSN-23487143)

Dr. Shikha Deka

- Delivered a guest lecture at Poona College on ' Fundamental rights' in September 2018.
- Contributed an article ' Women Labour in Business Process Outsourcing: A case study in Pune' to 'Labour Development'(June 2018 issue), a biannual academic journal of V. V. Giri National Labour Institute.

- Prof. D. L. Khokale
Head

Department of Psychology

Activities :

1. **A Workshop on Gender Sensitization- 08/09/2018-** A workshop on 'Gender and Sexuality Sensitization', was organized by Department of Psychology, in association with the Equal Opportunity cell of our college in the Modern College Assembly Hall. The workshop was conducted by Mr. Aryan Somaiyya, M.A. (Clinical Psychology) and Mr. Rishi Talwar from iCall -Tata Institute of Social Sciences.

   The workshop was conducted in a very interactive manner and every individual was motivated to openly speak about the topic. In order to better explain the topic the facilitators conducted various activities and to break the stigma about the topic the facilitators also gave situation based questions and motivated the individuals to broaden their perspective, support and accept individuality. It was organized with efforts of Ms. Siddhida Kabara.
2. **A session on orientation on Career opportunities and for NET-SET- M.Phil. entrances- 08/12/2018-** It was conducted by Ms. Siddhida Kabara. She guided the students on various study methods and avenues for pursuing a career in Psychology.
3. **Aptitude Testing :** Aptitude testing of Modern Law College Ganeshkhind was carried out in two sessions by the teachers and students of Department of Psychology. First session was organized on **10/01/2019** for students pursuing LLB after graduation. The second session was conducted on **13/03/2019** for students pursuing LLB after Std. XII. Mrs. Aaditi Khare and Ms. Sayali Sahasrabuddhe contributed to organize the testing.
4. **Study Visit: T.Y.B.A. –17/01/2019** -Study visit to Schizophrenia Awareness Association, Dhayari, Pune. Students were benefited by the visit as they got valuable insights regarding the treatment and rehabilitation procedures like Music therapy, Visual Art Therapy, Yoga, Meditation, Gardening etc. for Schizophrenia patients. Students were made aware about the stigma associated with the mental disorders and how it can be reduced.
5. **Psychibition: 21/01/2019:** An exhibition of various psychological concepts, Mental illnesses, psychometric tests, laboratory equipment accompanied with interesting psychological games was organized by undergraduate students of the department which received a good response. Mrs. Aaditi Khare organized the event.
6. **Study Skills Workshop- 29/01/2019:** Students of M.A.II (Counselling) conducted Study Skills Workshop for Std. X Std. students in Modern High School, Warje. They were guided by Dr. Mrs. Shradha Sakatkar.
7. **Workshop on Pre-marital Counselling:07/02/2019 and 08/02/2019:** It was conducted by Mrs. Anuja Kulkarni for all the post graduate students of the college. The students were engrossed in doing various activities and found the session very useful for their future life.
8. **Counselling Camp: 18/02/2019 and 20/02/2019:** Like every year the department organized a two days counselling camp for the neighbourhood community which was open for all. This was the eleventh year of the activity. The objective was to give hands on experience for future counsellors i.e. M.A.-II students of the department and to provide help to neighbourhood community and college staff and students. Various issues like marital issues, adjustment problems, academic and career

guidance etc were dealt by the students of M.A.-II, Counselling and Clinical Psychology. This year for the first time Dance Movement Therapy workshop and Study Skills Workshop were conducted for the interested students and teachers by Ms.Simran Shah and Ms.Heer Dedhia. There were 34 participants for dance therapy workshop and 4 students attended study skills workshop. The total no. of beneficiaries for counseling camp were 55. The event got a huge response and it was possible because of the efforts of Dr. Mrs. Shradha Sakatkar.

9. **Film Club- 28/02/2019-** Short films based on themes like Depression, Schizophrenia, Eating Disorders, OCD were screened and this activity was co-ordinated by M.A.-II students followed by discussion on the theme of the movie. It was open for all the students studying in Modern College. Ms. Sayali Sahasrabuddhe organized this event successfully.
10. **A course on NET / SET Guidance :** Ms. Siddhida Kabara organized and conducted a guidance course on NET/SET preparation from 01/02/2019 to 16/03/2019. Weekly two sessions were conducted for the same and 30 students attended the course.

Seminars and Paper Presentation:

Staff Members:

1. **Dr. Amruta s Oke** attended a National level conference on 'Mental Health in Day to Day life' by Indian Association of Mental Health (IAMH) at S.P. College, Pune on 30th and 31'st January, 2019.
2. **Mrs. Aaditi Khare** was a co-author in the Research Paper titled 'Flourishing in relation to Mobile Phone Dependence and Social Avoidance among Senior College Students.' which was presented at a National level conference on 'Mental Health in Day to Day life' by Indian Association of Mental Health (IAMH) at S.P. College, Pune on 30th and 31'st January, 2019.
3. **Smt. Smita Vaidya and Mrs. Aaditi Khare** attended a ten days workshop on Research Methodology at SNDT, Pune as a part of their Ph.D coursework in SNDT, Pune.

Students:

1. **Ms.Niraja Ingle**, M.A.-II presented a research paper titled 'Compassion, Fatigue and Professsional Quality of Life of Human Service Professionlas in Pune City' at the International Conference on 'Integreated Approach to Psychology' in Dindigul, Tamil Nadu from 8th to 10th February, 2019.
2. **Ms.Shreya Shah,** M.A.-II presented a research paper on 'Addiction to Gaming: The role of Personality and Perceived Stress' at the conference on 'Mental Health in Day to Day life' by Indian Association of Mental Health (IAMH) at S.P. College, Pune on 30th and 31'st January, 2019. She was guided by Smt. Smita Vaidya.
3. **Ms.Tanisha Oswal**, M.A.-II presented a research paper on' Self-esteem, Coping, Self-Efficacy and Personal Growth in exercising and non-exercising people' at the conference on 'Mental Health in Day to Day life' by Indian Association of Mental Health (IAMH) at S.P. College, Pune on 30th and 31'st January, 2019. She was guided by Ms. Siddhida Kabara.
4. **Ms.Lamiya Kadri**, M.A.-II presented a research paper on 'Body Image and Social Self-efficacy in boys and girls' at the conference of Bombay Psychological Association. She was guided by Dr. Mrs. Shradha Sakatkar.
5. **Ms.Ashka Naik**, M.A.-II presented a research paper on ' Extraversion and Neuroticism as correlates of Mental Well Being in students pursuing creative activities' at the conference on 'Mental Health in Day to Day life' by Indian Association of Mental Health (IAMH) at S.P. College, Pune on 30th and 31'st January, 2019. She was guided by Dr. Mrs. Vaishali Mardhekar.
6. **Ms. Nishita Vaswani**, M.A.-II presented a research paper on 'Suicide ideation, adjustment and well being in college students'at the conference on 'Mental Health in Day to Day life' by Indian Association of Mental Health (IAMH) at S.P. College, Pune on 30th and 31'st January, 2019. She was guided by Dr. Mrs. Shradha Sakatkar.

Invited Talk:

1. **Dr. Mrs. Shradha Sakatkar** conducted three sessions on 'Soft Skills',' Study Skills' and ' Emotional Intelligence and Mental Well- Being' in Modern College of Arts, Science and Commerce under Soft Skills Programme.
2. **Ms. Siddhida Kabara** was invited to inaugurate the " Students' Counselling Center" at Dr. Babasaheb Ambedkar College, Mahad, Raigad District and was also a Resource Person to speak on " Need for Counselling"
3. **Ms. Sayali Sahasrabuddhe** was invited to give a talk on 'Good Touch Bad Touch' in the programme Snehabandha at Akashvani, Pune. Also ,she conducted a session on 'Soft Skills and Time Management' in Modern College of Arts, Science and Commerce under Soft Skills Programme.

Staff Achievements:

1. **Dr. Mrs. Shradha Sakatkar** was awarded Ph.D. degree by S.N.D.T.Women's University, Mumbai. Her topic for the doctoral research was 'Relationship of moral values and emotional intelligence of children with parenting style and spirituality of mothers.'
2. **Mrs. Aaditi Khare-** Qualified UGC – NET Examination conducted in July 2018.
3. **Ms. Sayali Sahasrabuddhe-** Performed in two act Marathi play "Kajvyancha Gaw" which received 'Best Experimental Play Award' at Zee Gaurav Awards and Ma. Ta. Sanman, and also Participated in Natyawachan- Safe Workplaces**.**
4. **Mrs. Shradha Sakatkar, Smt. Smita Vaidya and Mrs. Mangala Salunkhe** were the members of the winner team of Dodge ball and Throwball game in Kanitkar Smruti Inter Instituion Sports competitions .

Student Achievements:

1. **Suhasini Pamu-** She is M.A.-II student and National Taekwondo Player as well as Zonal Handball Player. She has won Silver Medal in Intercollegiate competition in Athletics and Handball.
2. **Rima Panjwani-**M.A.-II student played Handball at international level at Dubai and won 2 Bronze medals. She also participated in regional level and college level competitions.
3. **Simranjit Singh**- A student of T.Y.B.A. who is Rank 1 Squash Player in Pune participated in 7 tournaments, 1 international and 6 national.
4. **Rajashree Dhongade** – A student of T.Y.B.A. stood first all over India in the 'Kathak Nritya Alankar Examination.'

Dr. Amruta S. Oke
Head

Department of Biotechnology

The department of Biotechnology conducted many activities this 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. The main program conducted by the department was "Biotech Fest 2019" on 16th and17th Jan 2019.Different competitions conducted in Biotech fest were Fuelless cooking and salad decoration, model and poster competition, All staff members were involved in organizing the Biotech fest along with non-teaching staff members. The Parent teacher association meeting was also conducted this year to initiate communication between faculty members and parents.

The highlight of the department this year was "Cell biology based research camp" organized by University of Melbourne for the B.Sc. Blended students. It was ten days research camp organized at University of Melbourne in the month of November from 18th to 28th Nov 2018. Eighteen students participated in this ten days research camp at Melbourne along with two staff members Mrs. Rama Phadke and Dr. Sangeeta Sathaye. The staff members also attended the faculty improvement program during this period. Students had a first-hand experience on the wide range of projects that are currently been undertaken by the researchers at the School of Biosciences at University of Melbourne. Particular focus was on Cell and Molecular Biology techniques for addressing the range of challenges facing Australian ecosystems, human health and agriculture. During the period of research camp students also got the opportunity to meet Indian President Honorable Mr. Ramnath Kovind.

The MOU was also signed between Savitribai Phule Pune University and University of Melbourne for the collaboration for the B.Sc. Blended course and research in different fields.

Department of Biotechnology also organized several guest lectures and talks from different fields of Science like Pharmacy, Industrial processes, Patents. Eminent Scientists from different research institutes came to deliver talks in the department especially for B.Sc. Blended students. The students also attended few lectures organized by Savtribai Phule Pune University departments under various schemes.

Every year our department organizes several educational visits for both UG and PG classes. The visits include visit to dairy industry, fermentation industry, sewage treatment plant, Biodiversity studies.This year T.Y.B.Sc. visit was organized to Sula wines, Nashik. F.Y.B.Sc. and S.Y.B.Sc. students also visited Mahabaleshwar for Biodiversity studies. M.Sc.I and II visited Hyderabad from 30th March to 4th April 2019. F.Y.B.Sc., S.Y.B.Sc., T.Y.B.Sc. Blended students visited Mahabaleshwar for biodiversity practical.

This year the department also organized various social activities. The F.Y.B.Sc. and S.Y.B.Sc. Biotechnology students visited the Paraplegic Rehab Center located at Khadki to make the students aware about it. The B.Sc Blended students visited the Sai Sanskar Pratishthan School

for mentally retarded students and held some activities for those children. 15 saplings for the school ground and a cricket set was donated to the school children. M.Sc. I and II students attended few sessions organized by **Jivitnadi Foundation** and will work on few projects in future.

The achievements of staff members and students this year are as follows:

Dr. Sangeeta Vijay Bhagat

- Selection as a member of Board of Studies in Biotechnology and Bioinformatics up to 31st August 2022.
- Selection as a member of Science faculty.

Mrs. Rama Phadke

- Attended "Cell Biology based research camp" organized by University of Melbourne from 18th Nov to 28th Nov 2019.
- Published a research paper in "International Journal of Pharmaceutical sciences and Research"

Mr. Ravi Dabhade

- Attended 2 days National level seminar on "Innovations in Teaching, Learning and evaluation in Higher Education" organized by Modern College, Pune-5.
- Applied for the research grant at BCUD.
- Worked as convener for Annual Social Gathering
- Member of organizing committee for "International conference on Astrobiology" organized by Modern College, Pune-5 in Nov. 2018.
- **Dr. Geeta Morwal** : Selected on board of studies in Bioinformatics and Biotechnology for 5 years (2018-2023).

Dr. Sangeeta Sathaye

- Attended "Cell Biology based research camp" organized by University of Melbourne from 18th Nov to 28th Nov. 2019.
- Worked as coordinator for Mentor –Mentee committee at Department of Biotechnology.

Dr. Sharad Goswami

- Applied for recognition as a Research Guide in Biotechnology, SPPU.
- Published two research papers in " Journal of Pharmaceutical Sciences."

Ms. Radhika Oke

- Won second prize for oral presentation at an International conference, held A.T. Patkar College, Mumbai on 24th January 2019.
- Participated in one day **"Faculty Development Programme"** on 13th August, 2018; conducted in Modern College, Pune-5 in collaboration with Bhaktivedant Shikshalaya, Pune.

Mrs. Mukta Patil-Kothari

- Participated in one day **"Faculty Development Programme"** on 14th August, 2018; conducted in Modern College, Pune-5 in collaboration with Bhaktivedant Shikshalaya, Pune.
- Participated in **Cooperative Learning** Workshop organized by Modern College, Pune-5.
- Attended 2 days National level seminar on "Innovations in Teaching, Learning and evaluation in Higher Education" organized by Modern College, Pune-5.
- Attended 5 days National level workshop organized by Central Instrumentation Facility and Department of Chemistry, SPPU, Pune on **'Sophisticated Analytical Instrumentation for Advanced Research'** from 5th March to 9th March 2019.
- Cleared SET examination in Life Sciences in May 2018.

Dr. Madhura Kane:

- Published two research papers in International Journal of Climate Dynamics, Impact factor 4.7
- Attended a 2-day workshop on Co-operative learning held at Modern College, Shivajinagar.

Ms. Pallavi Bhorde:

- Participated in one day **"Faculty Development Programme"** on 14th August, 2018; conducted in Modern College, Pune-5, in collaboration with Bhaktivedant Shikshalaya, Pune.
- Participated in **Cooperative Learning** Workshop organized by Modern College, Pune-5.

Achievements of students:

- Ms.Amruta Jadhav : M.Sc. II cleared the TIFR Ph.D. entrance for admission in June 2019.
- Mr.Soumitra Bhide cleared the TIFR entrance for M.Sc. Ph.D. integrated course. He also cleared admission for M.Sc. Ph. D. integrated course at IISER.
- Mr.Soumitra Bhide ranked **first** all over India in IIT-JAM exam for admission to M.Sc. course.
- Many students participated in college and intercollegiate level competitions and won first and second prizes.
- Five T.Y.B.Sc.Bitechnology students attended the conference held at Hyderabad to present their research work.

- Dr. Sangeeta V. Bhagat
Head

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Department of Botany

Department of Botany conducts courses from 11th to Ph.D. Faculty members engage students for co-curricular and extracurricular activities. Different excursion tours and visits are planned to improve academics of students. 11 students are pursuing their Ph.D. under the guidance of three recognized research guides. The department has well equipped research laboratory, library facility and plant tissue culture lab. Digital museum is underway.

Following are the details about activities conducted during the academic year 2018 – 2019:

A. Excursions and Visits – Different field visits were arranged for undergraduate and postgraduate students as a part of Teaching-Learning process.

F.Y.B.Sc. – Biodiversity Park, Gurhegar – 10/10/18
S.Y.B.Sc. – Mahabaleshwar – 09/2/2019
T.Y.B.Sc. –
Purandar fort – 12/9/2018
Amboli and Malvan – 09/1/2019 to 12/1/2019
Seed testing lab at Krishi Bhavan – 22/2/19
Plant Pathology lab Agri. College – 16/1/2019
M.Sc. I – Diveagar and Harihareshwar - 9/2/2019 to 10/2/2019
M.Sc. I and M. Sc. II – Malawali – October 2018
M. Sc. II – KF – 7/3/19
M. Sc. II – Sanjay Nursery – 8/3/19

B. Research Centre activities

Ongoing Projects

PI - Dr.K.D.Gopale

CoPI - Dr. R.S. Zunjarrao

Research Project entitles "Ex-situ Conservation of some selected Threatened, Endemic and Medicinal Plants from Western Ghat" has been sanctioned by Ministry of Environment and Forest, and Climate Change Government of India, of Rs. 33,82,735/- for the year 2018-19 to 2021-2022.

Departmental Activity

An International conference on Astrobiology was organized by Post Graduate Research Center Botany in association with SPPU under quality improvement programme and Blue Marble space institute of Science, USA and supported by ISRO-SPPU, Space technology Cell, 15th and 16th December 2018.

Guest lecture was organized on Cervical cancer awareness and information of HPV vaccination for girl students and lady staff members. It was coordinated by Prof. Manisha Mandhare on 22nd December.

Students' Achievements and Progression

1. Junior college student, Rohit Ghiya (Std XI) won Brain Bee 2019 Pune regional competition at Noble hospital and was selected for next National level competition at Chennai.
2. Std XI D students Kirti Wayase and Pranali Awhale received consolation prize for intercollegiate project presentation held at Marathwada College.
2. Students from UG Mayuri Kalangan, Aishwarya Mulik, Likhit Pudke, Mahesh Baraskar and Sandya Yadav and students from PG Priyanka Mondal, Ankit Pardeshi, Nisarg Bagdane and Mengade Vidya participated in intercollegiate Botanica competition held at Wadia College, Pune 1.
3. Mayuri Kalangan, Aishwarya Mulik won first prize (Gold medal) in poster competition.
4. Likhit Pudke won first prize (Gold medal) in photography competition.
5. Bhishma Landge won third prize in elocution competition organised by "Shiv Vyakyate Vicharmanch Rajgurunagar, Tal Khed. Pune. The topic was "Raja Shivchatrapati".
6. T.Y.B.Sc Botany students, Pathan Ayasha, Mulik Aishwarya, Bhadule Anjali, Kalangan Mayuri, Divekar Pandurang participated in lecture series on 'Modern Techniques of plant cultivation' organized by department of Botany of Modern College, Ganeshkhind, Pune 16, on 29th December 2018.

Teachers' contribution

1. **Dr. R.S. Zunjarrao** is CO-PI of Research Project entitles "Ex-situ Conservation of some selected Threatened, Endemic and Medicinal Plants from Western Ghat", has been sanctioned by Ministry of Environment and Forest, and Climate Change Government of India, of Rs. 33,82,735/- for the year 2018-19 to 2021-2022.
2. **Dr. U.R.Wayase** published a book "Metabolic engineering in tomato" by Lambert Academic publication, Germany. He has developed an Android application **Parnika** for F.Y.B.Sc. students.
3. **Prof. S.P.Salunke** completed 25 years of his service at Modern College, Pune-5.
4. **Dr. K.D.Gopale** has been appointed as N.C.C officer and also received Best teacher award.
5. **Mrs. Arti Goggi** was awarded Ph. D. degree by Savitribai Phule Pune University on 6th October 2018. She has also conducted Skill development workshop in Seed technology for T.Y.B.Sc Botany students.

6. **Prof. R. N. Ingole** has retired as Vice Principal, Junior College on 28th February 2019.
   He is appointed as Officer on Special Duty for Junior college by P.E society for one year.
7. **Prof. Manisha Mandhare** conducted guidance lecture for Junior College teachers on new syllabus pattern for biology subject. These include T.C.College, Baramati on 5th January, Sneh Vardhak Mandaki Jr. College, Talegaon on 17th January and P.E.Society's Jr. College at Warje on 18th January. She was invited as a judge for We-DYAN science project exhibition at MMCC, Pune on 22nd December 2018.
8. **Dr. Rajkumar Barmukh** completed a 'Short Term Course' on Research Methodology at the H.V.Desai College, Pune. He delivered a lecture on 'Business Opportunities in Botany'at the Arts, Science and Commerce College, Sonai, Dist. Ahmednagar. He worked as a Coordinator for the UGC-CPE II Scheme.

Dr. Neeta M.Patil
Head

Department of Chemistry

Achievements of Staff:

Dr. H. K. Gaikwad

1) Worked as a **"Coordinator"** for UGC-MHRD sponsored 21 days (4th to 24th October, 2018) Refresher course in science entitled 'Recent Innovative Trends of Nanomaterials in Chemical, Biological and Physical Sciences' organized by Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5.

Dr. R. M. Jagtap

1. Awarded **Ph. D. degree in Chemistry** by Savitribai Phule Pune University on 1st March 2019.
   Research Centre: Department of Chemistry, SPPU
   Research Guide: Dr. Satish K. Pardeshi (Professor and Inorganic Chemistry Head, SPPU)
2. Appointed as **College Examination Officer (C.E.O)** of Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5.
3. Nominated as a **President of the Alumni Association of S. M. Joshi College**, Hadapsar, Pune 28.
4. Presented a research project at '**Inter University Research Convention, Avishkar-2018**' on 15th to 18th January at Gondwana University, Gadchiroli, Maharashtra.
5. Received '**Dr. U. Muralikhrishnan Award 2018**' for the best oral presentation at Indian Council of Chemists Annual Conference organized by National Institute of Technology Karnataka (NITK), Surathkal, Mangalore on 12th to 14th December, 2018.
6. Worked as a Chairperson of Science Association and Attendance Committee of Modern College, Pune 5.
7. Worked as a **'Steering Committee Member'** for UGC-MHRD sponsored 21 days (4th to 24th October, 2018) Refresher course in science entitled 'Recent Innovative Trends of Nanomaterials in Chemical, Biological and Physical Sciences' organized by Modern College, Pune 5.
8. Worked as a **'Resource Person'** at one day workshop (22nd March 2019) on 'Laboratory Safety at College Level' organized by Modern College, Pune 5 in association with Board of Students Development, SPPU, Pune.
9. Worked as a **'Paper Setter for M. Sc Organic Chemistry Course'** at Fergusson College (Autonomous), Pune 4.
10. Completed a **Short Term Course** at Department of Education and Extension, SPPU on **'Curriculum Development and Applications'** from 22nd to 27th February, 2019.
11. Completed a five days hand on training workshop on **'Sophisticated Analytical Instrumentation for Advanced Research'** at Central Instrumentation Facility (CIF), SPPU from 5th -9th March 2019.
12. Attended a two days workshop on **'Quality Improvement in Examination and Evaluation'** organized by C.T. Bora College, Shirur on 21st -22nd December, 2018.
13. Presented a research paper entitled 'Synthesis, Characterization and Solar Photocatalytic Application of ZnO Integrated Graphitic Carbon Nitride' at an **International Conference on 'Advances in Chemical Science'** organized by S. M. Joshi College, Hadapsar, Pune 28 on 18th-19th December, 2018.
14. Published a research paper in a **Springer – Nature international peer reviewed journal 'Microsystem Technologies'** detailed as **:**
    R. M. Jagtap, S. K. Pardeshi, A. Nabi, Z. Hussain, S. H. Mir and M. A. Rizvi, Exploring supramolecular aggregation behaviour of bioactive thiazolidine-4-carboxylic acid derivatives, *Microsyst. Technol.*, **2018**, *doi. https://doi.org/10.1007/s00542-018-4125-6*

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Mr. Amol S. Warangule

1. Coordinated **CHEMIAD competition** (17th Feb 2019) in Modern College, Pune-05 organized by Department of Chemistry SPPU.

Dr. Archana R. Deokar

1) Conducted webinar sessions for speakers from USA and South Korea for Nanotechnology based Refreshers course for faulty members, held by Department of Chemistry.
2) Participation in three days workshop on Intellectual Property Rights organized by "Yashada", Pune.
3) Active participation for conducting webinars for speakers from Austria at International Conference on Astrobiology organized by Modern College in association with Blue Marble Space Institute of Research, USA.
4) Organized a half day workshop on Intellectual Property Rights for faculty development.

Dr. Sudarshan D. Tapsale

1. Awarded Ph.D. Degree in Chemistry by SRTM University, Nanded on 7 Sept. 2018.
2. Published Research Papers -4
   Communicated -1
   Under preparation-2
3. Received Best Poster "Marie Curie Prize" at International Conference on Advances In Chemical Science, organized by S. M. Joshi College, Hadapsar, Pune, 18-19 Dec. 2018.
4. Presented Research Poster at an International Symposium on "Exploring New Horizons in Chemical Science" organized by Deogiri college, Aurangabad 10-12 Jan 2019.
5. Participated in a Workshop on "Laboratory Safety at College Level" organized by Modern College, Pune-5 in association with Board of student Development, SPPU, Pune.
6. Participated in a Workshop on "Cooperative Learning - An Innovative Pedagogy Activity" organized by the Center of Innovations in Teaching, Learning, and Evaluation, of Modern College, Pune-5, Dec 2018.

Dr. Manisha Nigudkar

1) Worked as a external practical examiner for M.Sc. Part II Analytical Chemistry Examination at B. R. Gholap College Sangvi for academic year 2018-19

Mrs. Poonam Ramakant Mohite

1. Research paper published in **'Journal of Emerging Technologies and Innovative Research (JETIR)'**- Kinetic & Thermodynamic study of biosorption of Hg^{2+} by sulphonated biomass of stalks Prunuscerasus batch studies.
2. Research paper published in **'Current Pharma Research'**- Uptake capacity of Pb^{2+} by sulphonated biomass of stalks Prunuscerasus batch studies.
3. Poster Presentation at International Conference on **'Advances in Chemical Science'** organized by S. M. Joshi College, Hadapsar, Pune-28 on 18th-19th December, 2018.
4. Oral presentation at Annasaheb Awate college, Manchar during National conference on '**Application of Nanomatrials in Chemical and Physical Science' (ANCPS-2019)** conducted on 1st-2nd Feb 2019 sponsored by BOD S.P.P.U, Pune.

Mrs. Punam R. Mali

1. Co-ordinated **CHEMIAD competition** (17th Feb 2019) in Modern College, Pune-05 organized by Department of Chemistry SPPU.

Mr. Shubham S Daphale

1. Qualified **GATE-2019** examination with **Gate score-488**
2. Coordinated **CHEMIAD competition**(17th Feb 2019) in Modern College, Pune-05 organized by Department of Chemistry SPPU.
3. Participated in a Workshop on "Cooperative Learning - An Innovative Pedagogy Activity" organized by the Center of Innovations in Teaching, Learning, and Evaluation, of Modern College, Pune-5, Dec 2018.

Dr. S. K. Ujlambkar
Head

Department of Computer Science

At the Department of Computer Science, we strongly intend to achieve excellence in everything we do. The need of the hour in every field including education is remarkable excellence. Realizing this need, our department is constantly engaged in molding futuristic information and communication technologists today. Our Alumni has spread across all leading Nations and reached great heights in terms of position and achievement.

Our students are in the field of Computer Science, Computer Applications as well as Animation. Their entry for the course is on the basis of merit. At the undergraduate level their performance at HSC (Science) with Mathematics as compulsory subject is the criteria for the admission. At the postgraduate level their performance at the B.Sc. (Computer Science) degree and performance of the entrance examination is the criterion for the admission for M.Sc. (Computer

Science) course. We have commenced B.C.A. (Science) course in our department from 1st July 2017. We would commence the M.Sc.(Computer Application) course from the academic year 2019-20.

We have a dedicated team of teachers, experts and also have well equipped laboratories. The active and highly qualified team of faculty members spares no efforts to keep the students well informed and updated with current trends in technology. The students are also reciprocating by their high achievements in academics at University level.

A large number of students are getting excellent placements in India and abroad. We feel very proud to inform that we find our shining stars at every progressive part of the world. Every year several students are also selected in reputed foreign universities for higher studies. Various educational authorities have noted the achievements of reputation of the college. There is overwhelming response from the students to secure admission to the courses offered by the department.

Activities conducted during the year:

- Kartikeya Rindani Intercollegiate Programming and Quiz Contest (16th Feb 2019)
- R.M. Marathe Programming Competition (5th Jan 2019)
- National Conference on ICT based use of Advanced Educational Technologies in Teaching, Learning and Evaluation
- Workshop on reframing of BCA (Science) and M.Sc. (Computer Application) syllabus
- Poster Competition
- Placement Activity
- Seminars
- Workshop
- Group Discussion
- Mock Interview
- On-line Admission Process for all the courses
- Conducting M.Sc. (CS) Entrance Examination at Mass Level
- Student/Career Counseling
- "Zaroka" - The Desktop article column

Overview of Major activities:

- **Kartikeya Rindani Programming Contest:** Since last 9 years, Modern College, Pune -5, has been organizing Kartikeya Rindani Memorial Scholarship distribution and Intercollegiate Competitions. This year, Programming, Poster, Quiz and Animation short film competitions were organized on 16th Feb 2019.

  The recipients of Scholarship were Sanket Pathare, Pragya Singh, Navnath Shinde, Dhanashree Ghorpade, Audusiddha Gurdehalli, Bilal Birajdar and Lalit Hadawale. Each student received a Scholarship amount of Rs. 16,000/- Some student alumni and staff members also contributed towards the scholarship amount.
- **National Conference** on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation
- One hundred and eighteen faculty members and seventy eight students from various Colleges registered and participated in the Conference.

  The inaugural programme was graced by the presence of several eminent personalities. **Dr. G.R. Ekbote**, Chairman, Progressive Education Society was the President of the programme. **Mr. Samir Kamat**, Co-founder & CEO of Splashgain Technology Solutions Pvt. Ltd was the Chief guest of the program.

  Digital Inauguration of the Conference and Modern Media Station was done at the auspicious hands of **Dr. G.R. Ekbote**, Chairman, Progressive Education Society. **Dr. G.R. Ekbote**, **Dr. R.S. Zunjarrao**, **Prof. S.S. Deshmukh** and **Mr. Samir Kamat** addressed the audience. **Dr. Nandakumar Sawant**, Principal, Parvatibai Chowgule College, Goa, **Prof. Mrs. Jyotsna Ekbote**, **Dr. A.K. Pande**, **Dr. R.S. Zunjarrao** and **Prof. S. S. Deshmukh** were present on the dias.

  Eminent speakers were invited from across the country and from Dubai. Principal, Dr. R.S. Zunjarrao worked as the Convener of the Conference. Prof. S.S. Deshmukh worked as the Organizing Secretary and Dr. Anjali Sardesai worked as the Co-ordinator of the Conference.
- BCA (Science) & M.Sc. (Computer Application) **Syllabus reframing workshop**
- Department of Computer Science in association with Savitribai Phule Pune University organized BCA (Science) & M.Sc. (Computer Application) syllabus reframing workshop on 9th April under the guidance of Prof. S. S. Deshmukh. All BCA staff members actively contributed in organizing this workshop.
- **R.M Marathe Programming Contest**
  The contest was held on 5th Jan 2019. The competition was conducted in two rounds. The first round was an objective test. The shortlisted students appeared for On-line programming competition. Forty five students participated for the Objective test and nine students were shortlisted. The Winner was Ms. Simran Savaratkar, student of F.Y.B.Sc.(Computer

Science). Div B. Prof. Madhuri Ghanekar worked as the co-ordinator for this programming contest.

- **Seminars**
  Like every year the Department had organized several Seminars and Workshops by inviting eminent personalities from the field of IT. The topics of the Seminar were Soft skills, IoT, Android App Development, Python Programming, Entrepreneurship and Employability enhancement skills. Mrs. Manisha Suryawanshi worked as Coordinator for organizing various seminars. This activity proved beneficial to the students as well as to the staff members and helped in establishing college and industry relationship.

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 on every Saturday on different topics.
- Active participation in organizing "Kartikeya Rindani Intercollegiate Progamming Contest"
- **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 present competitive world and to make them mentally prepared for the competition.
- The brilliant students of our department are working at higher position 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. They make us feel proud.

Special achievement of staff members:

Prof. Manisha Suryawanshi

1) Received "Certificate of Excellence" from Innovation Cell, UMIC IIT Bombay and Robokart
2) Authored a book on "Programming in JAVA" for TYBCA Science Published by Nirali Prakashan.
3) Presented a Poster at National Conference on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation, Modern College of Arts, Science and Commerce, Shivajinagar, Pune -5
4) Research paper presented at the State level Conference organized by Mamasaheb Mohol College, Pune.
5) Published Research paper in Dyanamayo Journal.
6) Attended workshop on Machine Learning organized by Cummins College of Engineering, Pune.
7) Attended workshop on Business Analytics organized by Modern College of Engineering, Pune.
8) Working as Placement Coordinator
9) Delivered a Seminar on "Soft Skills" for B.C.A. (Science) students in Sept 2018

Prof. Madhuri Ghanekar

1) Presented a poster in the National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation, 11th and 12th Jan 2019, Modern College, Pune 5 received the "2nd Best Poster Award" for the 'ICT based Learning: Gender, Confidence and Success in Examination'
2) Presented a poster in the National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation, 11th and 12th Jan 2019, Modern College, Pune-5 'Designing a software for Children with Physical and Mental Disabilities'.
3) Completed a course on Sanskrit "Maitri Sanskritshi" conducted by Modern College in the year 2018-19
4) Guided 2 groups for Avishkar Competition the year 2018-19: 1 group reached at 2nd University Level
5) 1st Prize in 'Sampurn Geeta Kanthasth' competition conducted by Geeta Dharma Mandal in the year 2018, Nov 17-19
6) A^+ grade in Geeta Shikshak Examination in Jan. 19 and hence became a Geeta Shikshak approved by Geeta Dharma Mandal.

Prof. Sangeeta Raut

1) Presented a Poster on Flipped Classroom at National Conference on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation, Modern College, Pune -5.
2) Attended workshop on Machine Learning organized by Cummins College of Engineering, Pune.

3) Attended workshop on Business Analytics organized by Modern College of Engineering, Pune.
4) Research paper presented at the State level Conference organized by Mamasaheb Mohol College, Pune.

Prof. Abhijit Sathe

1) Worked as Coordinator for organizing Kartikeya Rindani Programming Competition

Prof.(Dr.) Shilpa Dange

1) Completed Ph.D. in Computer Science, Thesis entitled "Data hiding using Cryptic-Stegnography" from Savitribai Phule Pune University in the month of September 2018.
2) Worked as In-charge of Zaroka- an article board
3) Presented a Poster at National Conference on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation, Modern College, Pune -5.

Prof. (Dr.) Anjali Sardesai

1) Member, Board of Life members, Progressive Education Society, Pune
2) Member, BOS – Computer Science (2018-2023)
3) Member, BOS – Computer Application (2018-2020)
4) Member, Syllabus Revision Committee (Computer Science, BOS)
5) Chairperson, Syllabus Revision Committee (Computer Application, BOS)
6) Research paper published in International Journal of Research and Analytical Reviews. Alert mechanism for Early Detection of Asthama Attack using Sensors and Fuzzy Controller, 2019, International Journal of Research and Analytical Reviews (IJRAR) January 2019, Volume 06, Issue 1, (E- ISSN 2348-1269, P- ISSN 2349-5138) (Impact Factor 5.75)
7) Research paper published in Studies in Fuzziness and Soft Computing, Springer, Fuzzy Logic Based Simulation of Gynaecology Disease Diagnosis, 2019, Recent Developments and the New Direction in Soft-Computing Foundations and Applications. Studies in Fuzziness and Soft Computing, Vol 361. Springer, Cham, https://doi.org/10.1007/978-3-319-75408-6_42, Print ISBN978-3-319-75407-9, Online ISBN978-3-319-75408-6
8) Research paper presented at the International Conference on IoT. Alert mechanism for Early Detection of Asthama Attack using Sensors and Fuzzy Controller 2019.
9) Editorial Assistance for the Proceedings of National Conference on ICT Based Used of Advanced Educational Technologies in Teaching, Learning and Evaluation, 2019.
10) Resource Person in PVG's College of Science : on NAAC Guidance
11) Resource Person in Workshop on NAAC Preparation in PES MIBM College, Pune-5
12) Worked as Coordinator for organizing International conference on Astrobiology, MCASC Pune 5
13) Worked as Coordinator for organizing National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation.

Prof. Vaishali Bhoite

1) Presented a Poster at National Conference on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation, Modern College, Pune -5, Poster received 1st prize
2) Working as Chairperson of Value based Education Committee

Prof.(Dr.) Kalyani Salla

1) Organized a Seminar on "Machine Learning Techniques for detection of email Phishing" for all P.G. students on 12th July 2018. Talk delivered by Dr. Kamran Morovati, Cyber Security Analyst, New Brunswick, Canada.
2) Worked as Judge for INTERACTION 2019 in Jan 2019 at Modern College, Ganeshkhind.
3) Completed Research Paper reviews for International Journal of Neural Computing and Applications, Springer London in August 2018
4) Organized a Seminar on "Soft Skills" for B.C.A. (Science) students in Sept. 2018.
5) Presented a Poster at National Conference on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation, Modern College, Pune -5.
6) Guided students for AVISHKAR

Prof. Shweta Jawale

1) Presented a Poster at National Conference on ICT based use of Advanced Educational Technology for Teaching, Learning and Evaluation, Modern College, Pune -5.

Prof. Sonali Deshmukh

1) Authored a book on Python Programming which was published by Vision Publication.
2) Authored a book on Data Analytics which was published by Vision Publication.

Prof. Sameer Nerlekar

1) Participated in One-day Regional Workshop on "Adoption, Promotion & Production of MOOCs on the SWAYAM Platform, held on 12th October, 2018 at Gujarat Forensice Sciences University, Gandhinagar, Gujarat.

2) Academic Book Published - Title : Mastering Animation ,Publisher : Pahat Prakashan, Pune

Prof. Haribhau Pagire

1) Attended e-content development State level Workshop at C.T. Bora College Shirur
2) Editing and VFX of Marathi Movie

Prof. Kalyani Attarde

1) New staff joined in Computer Science department

Student achievements and awards:

- Students took lead in organizing Poster Competition, Quiz Contest and Programming Contest and participated in various intercollegiate events. Students secured prizes in the various intercollegiate events and competitions.
- Prof. Manisha Suryawanshi, Prof. Madhuri Ghanekar, Prof.(Dr.) Anjali Sardesai and Prof. (Dr.) Kalyani Salla worked as Guide for the Projects Zonal level AVISHKAR competition. Out of them two groups under the guidance of Prof. Manisha Suryawanshi and Prof. (Dr.) Kalyani Salla qualified for University level AVISHKAR competition.

Research Profile:

There has been a rise in Ph.D., M.Phil. and NET/SET qualified staff members. Current Research publication figures are as follows:

- Publications in Research Journals International: 18
- Conferences : International 12, National 8, State 1
- Ph.D. Awarded: 3, M.Phil. Awarded: 3
- Book Chapter: 2 (Springer International)
- Number of Citations in all: 50
- Academic Publications: Text Books: 20

Placement service provided to the students:

- 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 Coordinator 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), MCA are placed in reputed organizations and Under-Graduate students are also placed in reputed software companies.

Additions / Upgradation in Computer Hardware:

Lenovo Think system SD 550 Server

Any other relevant information:

- Staff members actively participated in the online admission process of F.Y.B.Sc. (Computer Science), F.Y.B.Sc.(Animation) F.Y.B.C.A. (Science) and M.Sc.(Computer Science) courses and participated in counseling the students.
- A committee was constituted for conducting M.Sc. (Computer Science) Entrance Examinations. Prof. Dr. G. R. Ekbote (Chairman, P.E. Society), Prof. P. S. Chirputkar (Chairman, LMC), Dr. A. K. Pande (Chairman, LMC), Prof. Mrs. Jyostna Ekbote (Chairperson, LMC), Principal Dr. R. S. Zunjarrao (Chairman of the Entrance Examinations Committee) provided necessary guidance and administrative support in organizing the entrance examinations smoothly.

- Prof. Deshmukh Shamkant
Vice Principal and Head

Department of Electronic Science

Department of Electronic Science of the college is actively engaged in various academic, curricular and extracurricular activities during the year. The student strength of the department was about 509 during academic year 2018-19, which includes Junior, Senior and P.G. students. Seven Ph.D. students are doing research work at recognized Post Graduate Research Centre by Savitribai Phule Pune University in our department. All Staff members completed Learning Management System Training (LMS) workshop organized by Vinsys IT Systems Pvt. Ltd. Pune.

[A] Activities conducted during the year

- Department conducted Electronics Excellence Examination (EEE) Examination on 26 December 2018 under Society for promotion of Excellence in Electronics Discipline (SPEED), 104 students from F.Y. and S.Y. successfully passed this examination with various grades. Prof. T.R.Kumbhar and Prof. Vaishali Chaudhari organized this examination.
- Department organized Workshop on "Robot using 8051" on 04th and 05th, February 2019 for T.Y.B.Sc. students. Sixteen students participated in this workshop and in a competition organized during workshop.
- Lecture series for F.Y.B.Sc and S.Y.B.Sc students was organized in February 2019 . Prof. U.N. Kothavade elaborated on "Application of Embedded system" and Prof. S.R. Chaudhari elaborated on "Basics of Electronics".

- Academic and Administrative audit of the department was conducted by Dr. A. D. Shaligram on 20th September 2018.

[B] Research, Paper Presentation by Staff Members

- Prof. S.R.Chaudhari published a Research paper in Dnynmaya "Development of ARM-7 based Potentiostat for the Electrochemical Laboratory", September 2018.
- Prof. P.S. Varade presented a research paper "Polyaniline SnO_2 Nanocomposite Based Room Temperature Ammonia Sensor" at International conference on Sustainable Materials for Advanced Research Technology on 5, 6 February 2019.
- Prof. M.R. Bodke published a research paper in Royal Society of Chemistry's Physical Chemistry and Chemical Physics Journal issue 3, 2019 entitled "Doping effect on the local structure of metamagnetic Co doped Ni/NiO:GO core–shell nanoparticles using X-ray absorption spectroscopy and the pair distribution function" having impact factor 3.906, 05 December 2018.
- Prof. M.R. Bodke published a research paper in Matériaux & Techniques Journal Volume 106 No. 6 (2018) 602, entitled "Estimation of accurate size, lattice strain using Williamson-Hall models, SSP and TEM of Al doped ZnO nanocrystals." Oct. 2018
- Prof. M.R. Bodke published a research paper IOSR Journal of Engineering entitled "Influence of Gd substitution on different properties of ZnO nanoparticles" April 2019.
- Prof. T.B.Sonawane published a research paper in IOSR Journal of Engineering entitled "Influence of Gd substitution on different properties of ZnO nanoparticles."April 2019.

[C] Activities and Support from Alumni.

- Mr. Mangesh Dayaphule our alumni guided students of M.Sc. for presentation of projects at AVISHKAR competition.

[D] Achievements by students

- Our M.Sc. Part II students participated by presenting three projects at "AVISHKAR" competition. Out of these two projects were selected for University level competition and one project "Smart Ticketing System" selected and presented at State level competition.

1. "Chemical Sprinkler For Farm", Project by Prajakta Deshmukh, Suprabha Dhagale and Jyotsna Pimple.
2. "I Will Help You' Accident Detection System", Project by Nirasha Ithape, Shweta Mohite and Dipika Sahane.
3. "Smart Ticketing System" ,Project by Varsha Pandit, Prajakta Sawant and Pranali Bhujbal.

- Our student Ms. Amruta Ashok Bhalerao Received Leela Poonawala Foundation Scholarship and Emcure Scholarship for the year 2018-19.

[E]Achievements by staff members

Prof. D.B.Gaikwad

- Honored as "Best College Project Teacher of Savitribai Phule Pune University through R. Chandrashekhar Memorial Foundation on 16th April 2018."
- Conducted workshop on "Robot" using 8051 for T.Y.B.Sc. students on 4 February 2019 and Conducted workshop on "Robot" using Atmega 2560 for M.Sc. students on 10 April 2019.

Prof. B.B.Yenage

- Relinquishment from NCC Army Officer in June 2018, after completion of 15 years as Captain.

Prof. T.B. Sonawane

- Worked as paper setter and Examiner at Refresher Course in Recent Innovations in Chemical, Physical and Biological Sciences organized by Modern College from 04th October to 24th October 2018.
- Worked as steering committee member for smooth conduction of refresher course in Science entitled "Recent Trends of Nanomaterials In Chemical, Physical and Biological Sciences", organized by Modern College from 04th October to 24th October 2018.

Dr. M. R. Bodke

- Worked as steering committee member for smooth conduction of refresher course in Science entitled "Recent Trends of Nanomaterials In Chemical, Physical and Biological Sciences", organized by Modern College from 04th October to 24th October 2018.
- Worked as Examiner for assessment of book review and article review for refresher course in Science entitled "Recent Trends of Nanomaterials In Chemical, Physical and Biological Sciences", organized by Modern College from 04th October to 24th October 2018.

Prof. A. V. Kamble

- Completed Refresher course in NCC for promotion of Lt. Commander at Nagpur, Kamtee. (01/06/2018 to 21/06/2018)
- Elected as Vice President of "Maharashtra ANO Welfare Board" of NCC officers.
- Guest Lecture at Singhgad College in February 2019 , topic was "Antenna"
- Attended National Conference of "All India ANO Welfare Board" at \ Kolhapur on 19 January 2019.

- Worked as member of Local Inquiry Committee appointed by SPPU.

Prof. P .S. Varade

- Presented a research paper "Poly aniline Nanocomposite based e-nose for gas sensing", at International Conference organized by Kamala Nehru College, Nagpur on 5th October to 7th October 2018.
- Organized District level Pre NRD/SRD selection camp for NSS volunteers.
- Worked as organizing committee member for state level Pre NRD/SRD selection camp at SPPU.
- Worked as organizing member in State Level workshop for program officers at Balewadi.
- Awarded "Vighnaharta Puraskar" on 29th August 2018 by Vighnaharta Nyas Pune for best work of judging Ganesh festival competitions.
- Organized Half day workshop for voting awareness program "Systematic Voter's Education and Electoral Participation (SVEEP)" in April 2019.

Prof. G.M. Tarate

- Invited by T.C. College Baramati for guest lecture on "Control Systems" for Post Graduate students on 23rd March 2019.

Prof. U.N. Kothawade

- Worked as resource person in two days Hands on training course on PIC Microcontroller organized by Department of Electronics , S.N. Arts, D.J.M. Commerce & B.N.S. Science College, Sangamner, Under DBT Star College Scheme (8th, 9th September 2018).
- A project is undertaken named "Wireless Trackable Ambulance System" collaboration with Chinmay Prakash Wadekar, Founder Systems, Inc. Laurea Magistrale in Electronic Engineering for Big Data and IOT University of Bologna, Italy.

Prof. Y.S.Thipse

- Nominated as Life Member of Board of Life Members (BOLM) of Progressive Education Society in September 2018.
- Elected as Business Council Member of Progressive Education Society in December 2018.
- Completed 25 years of services in Department of Electronic Science.

Prof. Mrs. A.S.Apte

- Completed 25 years of services in Department of Electronic Science.

Prof. Y.S.Patil

- Worked as "Observer" for competitive Examinations NEET 2018 and JEE (Main) 2018.

Dr. Anand Buddhikot worked as visiting lecturer for Vocational course. Dr. M.S. Zambre, Dr. P.K. Bhadane and Dr. Umesh Hiverkar are research guides at our research centre. They conducted lectures for post Graduate courses. There are seven research students pursuing research work for their Ph.D. Degree in Post Graduate Research Centre of Electronic Science.

- Prof. S.R. Chaudhari
Vice Principal and Head

Department of Mathematics

The strength for the respective classes in the academic year 2018-19 was as follows.

Sr.No.	Class	Strength
1	F.Y.B.Sc.	170
2	S.Y.B.Sc.	133
3	T.Y.B.Sc.	46
4	F.Y.B.Sc.(Comp. Sci.)	174
5	S.Y.B.Sc.(Comp. Sci.)	150
6	M.Sc.- I	60
7	M.Sc.-II	50

Departmental Activities:

1. Celebrated National Mathematics Day on 22nd December, 2018.
2. Organized a guest lecture series for M.Sc. Mathematics students in October, 2018.
3. Organized NET/SET guidance workshop for M.Sc. Mathematics students during 23rd March, 2019 to 2nd April, 2019.
4. Felicitation of meritorious students was done at the hands of honorable Principal in July 2018.
5. Mathematical models were prepared through the funds of CPE-II.

Achievements of Students :

1. Ms. Ruchika More (T.Y.B.Sc.) has been awarded as the Best student of the year.
2. Ms. Shubhangi Tanaji Kumbhar and Alisha Metkari of T.Y.B.Sc. qualified IIT JAM Examination.
3. Ms. Ashwini Kawad (T.Y.B.Sc.) participated in MTTS Summer training program at Bhuvaneshwar.
4. Ms. Dnyaneshwari Talele (M.Sc.-II) was selected by TCS through campus placement.
5. Mr. Ganesh Somvanshi (M.Sc.-I) was selected by TCS through off-campus.
6. Ms. Shreya Arlikar (M.Sc.-I) participated in National Winter School on Differential Equations during 3rd to 14th December, 2018 at Department of Mathematics, SPPU Pune.

Achievements of Staff :

Dr. A. N. Bhavale :

- Coordinator of the "National Mathematics Day Celebration" held on 22nd December, 2018. This departmental activity is celebrated every year with huge response from the students/staff. More than 250 students participated in various activities such as Project, Poster, Quiz, Rangoli and Seminar competitions/ exhibitions.
- Coordinator of the "NET/SET guidance workshop" arranged for M.Sc. Mathematics students during 23rd March, 2019 to 2nd April, 2019.
- Organizer of an "Online test on C Language" for Mathematics students on 1st April, 2019. This activity was held in collaboration with Spoken Tutorial IIT Bombay.
- Delivered a talk on "Ordinary Differential Equations" at Abasaheb Garware College, Pune on 25th September, 2018.

Dr. Mrs. N. H. Mahajan :

- Worked as a member of sub-committee of Board of Studies Mathematics, SPPU for syllabus restructuring of F.Y.B.Sc.(Computer Science) held on 12 March 2019 and 23 March 2019.
- Worked as a Resource person at the "Workshop on Algebra and Applications" held at Department of Mathematics, SPPU during 26-27 Feb. 2019.
- Worked as a Member of the committee of coordinators for the workshop and also anchored the sessions of the workshop.
- Conducted one counseling session for F.Y.B.A. students for the enhancement of studies on 12 Dec. 2018.
- Nominated as a joint secretary of IAIAM (Indian Academy of Industrial and Applied Mathematics), Pune .
- Worked as a member of the committee of coordinators for the workshop by IAIAM at Department of Mathematics, SPPU.
- Participated in National Conference ICT based use of Advanced Educational Technologies in Learning and Evaluation at Modern College, Pune 5, in January 2019.

Mr. P. V. Gadagkar :

- Participated in National Conference ICT based use of Advanced Educational Technologies in Learning and Evaluation at Modern College, Pune 5 in January 2019.
- Worked as a Coordinator in a workshop for F.Y.B.Com. students viz. "Mathestics-2019" at Modern College, Pune 5 in Feb. 2019.
- Worked as a Sub-Coordinator in an Add-On course in Latex for Teachers and Students conducted in January 2019.
- Delivered a talk on "Complex Analysis " at Institute of Science, Mumbai in December 2019 and a talk on "Real Analysis" at SPPU, Department of Mathematics in October 2018 for M.Sc. students.
- Assisted in organizing the session on 'Use of technology in Teaching' by Dr. Anita Dani (Dubai) under Center for Innovations in Teaching, Learning and Evaluation on 28 December 2018.
- Delivered a Guest lecture to S.Y.B.Sc. students at Siddhivinayak College, on "Multiivariable Calculus and its applications" in January 2019.
- Worked as a Resource person in training programme for T.Y.B.Sc. students in Bhaskaracharya Pratishthan preparing for IIT JAM Exams.
- Worked as a member in Syllabus Restructuring of 3 subjects viz.F.Y.B.Sc.- Mathematics Paper I, M.Sc. I - Differential Equations and Ring Theory, at SPPU, Pune in March 2019.

Mrs. P. M. Paratane :

- Worked as subject expert in Mathematics on the interview panel at Pune Vidyrathi Grih's College of Science in June 2018.
- Appointed as a member of SSR core committee, criterion III.
- Contributed and compered in 'Felicitation program of meritorious students in Mathematics' in July 2019.
- Presentation on 'Result Analysis-April 2018' in heads meeting in November 2018.
- Presented a research paper entitled 'Tolerance Approach to sensitivity analysis in multiobjective transportation problem' in 51st Annual convention of Operation Society of India & International Conference (ORSI 2018) held at IIT Bombay in December 2018.
- Worked as a coordinator of 'Rangoli Competition' organized in occasion of National Mathematics Day, 22 December 2019.
- Attended 'Workshop on Accreditation (NAAC)' held at Modern Institute of Business Management, Shivajinagar, Pune-5 in December 2018
- Contributed in organizing the session on 'Use of technology in Teaching' by Dr. Anita Dani (Dubai) under Center for Innovations in Teaching, Learning and Evaluation on 28 December 2018.
- Invited as a chief guest for Annual social gathering 'Geetanjali-a musical offerings' in Challenger Public School, Pimple Saudagar, Pune in January 2019.

- Participated in two days 'National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, Learning and Evaluation' in Modern College, Pune -5 in January 2019.
- Worked as a coordinator of 'Add-on Course on LaTeX for teachers and students' conducted in January 2019 and March 2019 in Modern College, Pune 5.
- Briefing: Two batches successfully completed this course and also received the certificates from spoken tutorial IIT Bombay.
- Worked as subject expert in Mathematics on the interview panel at Smt. Hiraben Nanavati Institute of Management & Research, Cummins College Campus, Karvenagar, Pune- 52 in February 2019.
- Worked in organizing committee and also participated in 'Workshop on Algebra and its applications' held in Department of Mathematics, Savitribai Phule Pune University, Pune on 26th February 2019.
- Guided the students to organize 'Sankalp Vyakhyanmala' for students in Modern College, Pune -5 in February 2019
- Worked as sub-coordinator of 'MATHESTICS.COM-2019', a workshop for F.Y.B.Com students in Modern College, Pune 5, March 2019.
- Resource person in the Workshop on Latex at PVG College of Science, Parvati on 20th April, 2019.

Mrs. M. S. Rane :

- Participated in two days National Conference on ICT Based Use of Advanced Educational Technologies
- Completed successfully LaTex course in January 2019 under Add-on Course on LaTeX for students and teachers in Modern College, Pune-5
- Contributed in organizing Rangoli Competition on National Mathematics day in Dec. 2019.

Mr. Rohan Gawade :

- Attended ATM School "Mathematics for Computer Science" held at Chennai Mathematical Institute (CMI), Chennai during 18 June to 30 June 2018.
- Worked as a coordinator for poster competition of "National Mathematics Day 2018" on 22 Dec. 2018.

Ms. S. G. Gurram :

- Qualified SET Examination in June 2018.
- Contributed in organizing Project Competition on National Mathematics day in Dec. 2019.

Ms. Neha D. Yeola :

- Contributed in organizing Games and puzzles Competition on National Mathematics day in December 2019.
- Invigilator for an "Online test on C Language" for Mathematics students on 1st April, 2019.

Mr. K. R. Shinde :

- Contributed in organizing Quiz and Poster Competition on National Mathematics day in December 2019.

Dr. A. N. Bhavale
Head

Department of Microbiology

Staff Achievements

Dr. Shilpa. S. Mujumdar

a. Paper published in peer reviewed Journal of Basic Microbiology (Review article, 2019)
b. Invited as inaugural speaker at workshop organized by Sinhagad College under SPPU Quality Improvement Program
c. Invited as guest lecturer at Lab Safety Workshop organized by dept. of Chemistry, MCASC

Ms. Sheetal P. Pardeshi

a. Internal guide for Mr. Vishwadeep Mane who was awarded with AYUSH fellowship by AYUSH centre of excellence, CCIH, SPPU
b. Appointed as coordinator of NAAC Criteria II : Teaching Learning and Evaluation, best student trophy committee and LMS.
c. Coordinated a Skill Development Course in Microbiology Entitled 'Pharmaceutical Microbiology' for M. Sc. Microbiology Part II.
d. Completed PG teachers training program (equivalent to refresher course) with A grade, organized by IISc, Challakere campus

Mrs. Anushka A. Devale

a. Registered for Ph.D. at PES Modern College, Shivajinagar, Pune.
b. Completed Ph.D. course work at department of Microbiology, Savitribai Phule Pune University
c. Organized an academic visit to Naidu hospital Sewage treatment plant for S.Y. B.Sc. Microbiology students

Mrs. Rupali Naik

a) Registered for Ph.D. at PES Modern College, Shivajinagar, Pune.
b) Completed Ph.D. course work at Department of Microbiology, Savitribai Phule Pune University
c) Organized an academic visit to Naidu hospital sewage treatment plant for S. Y. B. Sc. Microbiology students.

Mrs. Madhuri K. Kothawade

a. Organized State Level Microbiology Quiz Competition for T.Y.B.Sc. Microbiology students held by R.C.Patel College, Shirpur at college level.
b. Coordinator of "Canteen Committee".

Mrs. Shradha O. Boid

Appointed as coordinator for PG course

Ms. Jyoti A. Mohite

a. Qualified NET for year 2018-19
b. Conducted workshop for undergraduate students entitled "Physiochemical analysis of soil microorganisms

Ms. Prayrna Kulkarni

Organized visit to NCMR, Pashan Pune, for T.Y. B.Sc. students

Dr. Vishakha Baikar

a. Appointed as a new faculty member
b. Organized visit to Agriculture College, Shivajinagar, Pune for T.Y. students

Students Achievements and awards:

- ❖ Best Student trophy was awarded to Ms. Deveshri Sonar for excellence in academic and curricular activity
- ❖ Mr. Vishwadeep Mane received 3rd Prize for Poster presentation at AMI poster competition.
- ❖ Mr. Vishwadeep Mane was awarded with AYUSH fellowship by AYUSH centre of excellence, CCIH, SPPU
- ❖ Mr. Biswaroop Sarkar is selected for integrated Ph.D. at IIT
- ❖ Ms. Kshitija Shetty is selected for integrated Ph.D. at IISER Pune
- ❖ Mr. Biswaroop Sarkar, Ms. Kshitija Shetty, Ms. Vaishnavi Ghone won third prize at State level Microbiology contest, held by R.C.Patel Colllege, Shirpur.

- Dr. Shilpa Mujumdar
Head

Department of Physics

All the teaching and non teaching staff members extended their whole hearted support and cooperation in smooth functioning of the department.

Student Strength:

F. Y. B. Sc.	–	235
S. Y. B. Sc.	–	141
T. Y. B. Sc.	–	25
M. Sc. I	–	24
M. Sc. II	–	24

Activities for Students:

1. Study tours: i) As a part of the curriculum, the department had arranged different study visits for F. Y., S. Y. and T. Y. B. Sc. classes. F. Y. B. Sc. and S. Y. B. Sc. students visited KISAN 2018, IT-Expo (exhibition arranged by CMDA, Pune) and MahaTech 2019 (an exhibition of Automation in Industrial products). Prof. S. S. Thengadi, Prof. Nileshkumar Pardeshi, Dr. Sandeep Patil, Prof. S. R. Gogte, Prof. S. R. Wagh, Prof. V. T. Shelke and Dr. Vaishali Waman took efforts in organization and smooth functioning of these study visits.
   ii) As a part of the curriculum, the department had organized visit for M. Sc. II students at Vitronics Controls Pune. Dr. Vaishali Waman, Prof. Pooja Kulkarni and Prof. Archana Gadre took efforts in organization.
2. **Guest Lectures:** Guest lectures on C-Programming, Human Rights and Cyber Security by Prof. A. V. Deshpande, and Prof. Hrishikesh Joshi were arranged for M. Sc. Physics students.
3. **Poster competition for F.Y.B.Sc.:** A poster competition and exhibition was conducted for the F. Y. B. Sc. class on 28th January 2019. The theme of the exhibition was "Physics and technology in day to day life". The Poster exhibition was inaugurated by Prof. S. R. Chaudhari, Vice-Principal. Prof. Mayuresh Kulkarni and Prof. Pravin Samgar of Modern College of Engineering, Pune evaluated the posters. Prizes were distributed by Prof. S.R.Chaudhari Vice-Principal and Prof. Y.S.Thipse, Coordinator, Junior Non-Grant Wing. Prof. N. M. Pardeshi was the coordinator of this event.
4. **Project exhibition and competition for T.Y.B.Sc.:** Students of T. Y. B. Sc. (Physics) carry out a project work as a part of their curriculum. Exhibition and Competition of these projects was arranged on 25th February 2018. Prof. S. R. Chaudhari, Vice-Principal inaugurated the exhibition. Dr. Sandeep Patil was the co-ordinator of this event. Prof. Mayuresh Kulkarni and Prof. Pravin Samgir from Department of Applied Sciences, Modern College of Engineering, Pune examined the projects. There were total 15 projects presented by the students.
5. **Power point competition for S.Y.B.Sc.:** The students of S. Y. B. Sc. prepared the power point presentations on the various topics of Physics and presented those in the class. This competition gives the students an opportunity to improve the presentation skills. Prof. Amishi Rindani and Prof. Archana Gadre evaluated the

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presentations. Prof. S.R. Gogte was the coordinator of this event.

6. **Quiz Competition and Project Presentation Competition** for students of M.Sc. were organized. Dr. S. S. Patil and Prof. Sanket Gogte examined the projects. There were total 18 projects presented by the students. Prof. Amishi Rindani was the coordinator for these events.
7. 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, Pune etc.
8. **Achievements of Students:**

- Mr. Rushikesh Tonge of T.Y.B.Sc. successfully cleared Joint Admission Test for M.Sc. (JAM) conducted by IIT for the Academic year 2019-20.
- Mr. Shibu John T.Y.B.Sc. student received V.P. Gambhir Prize for most deserving student for the academic year 2018-19.
- Mr. Shibu John T.Y.B.Sc. student received H.P Joshi Prize for Best Project for the academic year 2018-19.
- Ms.Shreya Patil M.Sc.I student participated in Facets of Photonics-2018 organised by IISER,Pune in December 2018.
- Soham Bhagwat, Shivani Tiwari, Nachiket Kortikar, Digvijay Damare , students of M.Sc.-II, and Mrudul Modak, Tanmay Kulkarni, Anish Lowalekar -students of M.Sc. I , attended Astrobiology International Conference at Modern College, Shivajinagar on 15th and 16th December 2018.
- Swapnil Kale student of M.Sc.-II presented a poster at NC^{3} conference at DIAT, Girinagar, Pune on 14th March 2019.
- Tejaswini Patil, Supriya Kumbhar, Pratiksha Chandane students of M.Sc.-II, attended workshop on Density Functional Theory at NCL, Pune in December 2018.
- Kajal Nivangune, Shubham Pawar students of M.Sc.-II attended a National Conference on AMSCA at Department of Physics, SPPU, Pune in December 2018.
- Pratiksha Chandane student of M.Sc.-II presented a poster in Student Welfare Association.

9. **Results of the Department:** For the academic year 2018-19

Class	**Percentage (%)**
F. Y. B. Sc.	74.20
S. Y. B. Sc.	87.60
T. Y. B. Sc.	84.21
M.Sc.	82.60

10. **Contribution by the teaching staff:**

- Prof. S. S. Thengadi actively participated in administration of UGC Community college scheme, CPE PHASE II. He also helped the college administration in preparation of proposals for various schemes/funding agencies and Autonomy.
- Prof. S. S. Thengadi, Dr. S.S.Patil, Prof. S.R.Gogte, Dr.V.S.Waman actively participated in NAAC SSR (Fourth Cycle) preparation.
- Dr. S.S.Patil, Prof. S.R.Gogte, Dr.V.S.Waman contributed for Theory and Practicals for M.Sc. and B.Sc. Blended courses.
- Prof. S.R.Wagh actively participated in Central Assessment Program (CAP) for S.Y.B.Sc. and T.Y.B.Sc. Physics classes.

11. **Achievements of Teaching Staff members.**

- Prof. Nileshkumar Pardeshi and Dr. Sandeep Patil successfully completed Refresher Course in science titled 'Recent innovative trends of nanomaterials in chemical, biological and physical sciences' for college/university teachers under the academic staff orientation scheme of UGC at Modern College, Pune 5.
- Prof. Dr.Vaishali Waman successfully completed Refresher Course in Disaster Management, organised by the Academic Staff College at Indapur College.
- Prof.Sanket Gogte successfully completed Orientation Course organised by the Academic Staff College under orientation scheme of UGC.
- Ms. Shravani Kale cleared GATE 2019. She successfully completed a Two week Science Academices 101 Refresher Course in Experimental Physics at Osmania University college for Women's College Koti, Hyderabad, Telangana. She also participated in Refresher course on Materials Preparation and Measurement of Propeties at Indian Academy of Sciences, Bengaluru
- Dr. Vaishali S. Waman presented the research papers at International conference on NANOCON 18 and national conference on Recent interdisciplinary approaches in chemical, physical and life sciences-2019.
- Ms. Pooja Kulkarni completed an online course on Solid State Physics conducted by NPTEL in November 2018 (Duration-12 weeks).

- Prof. Sanket Gogte and Mrs. Amishi Rindani participated in the National Conference on 'ICT based use of Advanced Educational Technologies in Teaching , Learning and Evaluation' on 11th and 12th January 2019.
- Prof. Sanket Gogte and Mrs. Amishi Rindani participated in the International Conference on 'Astrobiology' on 8th and 9th December 2018 and were the Session Coordinator of Session V and Session II respectively.
- **Contribution by the non-teaching staff:** All the Non Teaching staff members extended their cooperation for conducting practicals for Non Grant Courses, Junior, Post Graduate, B.Sc. Blended and Community College Scheme successfully.
- **Achievements of Non Teaching Staff Members.** Mrs. Sujata R. Ughade successfully completed Workshop on 'Laboratory Safety and Maintenance under DBT-STAR College Scheme by Modern College of Arts, Science and Commerce, Ganeshkhind, Pune.
- **New Appointments in the Department.** Prof. Mrs Amishi Rindani, Prof.Mrs Archana Gadre and Prof Ms. Pooja Kulkarni were appointed for M.Sc course. Prof.Ms. Shravanee Kale, Prof. Ms. Manasi Desai, Prof. Mandar Kulkarni and Prof. Ms. Kadambari Kasar worked as visiting/ CHB faculty.

- Prof. S.S.Thengadi
Head

Department of Statistics

Department of Statistics organized the following activities during the year 2018- 2019:

1. Academic Activities and Achievements of Students:

a) Quiz: F.Y. B.Sc., F.Y. B.Sc. (Computer Science) and S.Y.B.Sc. Quiz first round was organized on 18th January 2019.

Result of the Quiz was as follows:

F.Y. B.Sc.	1.Ms.. Sawant Rutuja	First rank
	2. Mr. Borge Akshay	First rank
F.Y.B.Sc. (Comp.Sci.)	1. Mr. Kulkarni Aditya	First rank
S.Y. B.Sc.	Selected for the Final round -	
	1. Mr. Ghumatkar Shantanu	
	2. Ms. Gandhi Madhura	
	3. Mr. Burle Santosh	
	4. Ms. Ghosh Sutanaka	

b) Participation and Achievements of Students:

i. Ms. Sejal Patil (M.Sc.(II)) student attended "Advanced instructional school on Stochastic Processes" organized by National Institute of Science, Education and Research during 25th June to 21st July, 2018. It was fulltime course on 1) Analysis 2)Measures theoretic Probability 3) Introductory course on stochastic processes. Around 40 participants all over India were selected for the course.

ii. Mr. Varun Deshpande and Mr. Atharva Thatte participated in the workshop on Data Science Winter School 2018 at Chennai Mathematical Institute, IISA from 3rd to 13th December, 2018.

iii. Ms. Sujata Jadhav, Ms. Sneha Sanklecha, Ms. Ankita Gawande, Ms. Rupali Mali, Ms. Anuja Tawade, Ms. Prajkta Gaikwad, Mr. Mayur Mate, Mr.Vivek Jagtap, Mr. Prasad Ahirrao, Mr. Onkar Ghule attended Personality Development Camp at Hiware bajar, Ahmednagar from 13th to 15th December, 2018. It was organized by New Arts College, Ahmednagar.

iv. T.Y. B. Sc. Students (3 teams) participated in project competition conducted at Modern College, Shivajinagar, Pune -05 and following students achieved the consolation prize: Mr. Satpute Chetan, Mr. Doke Karan, Mr. Rawool Diparaj, Ms.. Bhujabalh Apurva,Ms. Sawant Prajakta.

2. Workshops Organized:

a) Celebration of National Statistics Day : In the academic year 2018-19, Department of Statistics, Modern College and National Sample Survey Office (NSSO), Pune had jointly organized the celebration of Statistics day.

A one day workshop based on theme "Quality assurance in Indian official Statistics" was organized on 29th June, 2018. The workshop was inaugurated at the hands of Dr. Anil Gore, Vice President, CYTEL software. Dr. Supriya Roy, Director of NSSO was present for the function. Principal, Dr. R. S. Zunjarrao emphasized on collaboration between academicians and industry. Dr. P. G. Dixit gave an over view of the program. Mr. S. V. Shirke (Dy. Director) proposed the vote of thanks.

b) Sukhatme Birth Anniversary program: Sukhatme Birth Anniversary program was conducted on 28th July, 2018. The lecture on **"Recent trends in Statistics computing Big Data Analysis"** was delivered by

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Dr. Kalyan Joshi, (Senior Analytical Consultant, SAS, Pune).

c) Dr. M.B. Kulkarni memorial Lecture series: The department of Statistics, had organized the lecture in the "Memories of Dr. M. B.Kulkarni", on 1st September, 2018, at 1:00 p.m. The lecture on **"Variants of Binomial Distribution"** was delivered by Dr. S.A. Paranjape, Senior Statistician, CYTEL, Pune.

d) Statistics Olympiad: Statistics Olympiad was conducted on 28th January, 2019, in collaboration with C.R. Rao Institute, Hyderabad. Forty participants from different colleges and schools appeared for Olympiad examination.

e) Study tour:

T.Y.B.Sc. (Statistics) students visited esteemed National Agriculture Research Prject (NARP) on 31st January, 2019.

Thirty five students and five staff members visited the centre. Various professors at the center explained various methods of plantation and various concepts used in "Design of Experiment".

Many of our students are from rural area and having the farmer family background. They were also pleased to get useful information.

The study was very much useful to bridge the gap between the theory and application.

f) Intercollegiate Project Competition:

Intercollegiate Project Competition was organized by department for T. Y. B. Sc. students from various colleges. Thirty six projects were submitted by different colleges, among those 15 project were presented in the final round. The final round of project presentation was conducted on Friday 8th March, 2019.

Dr. Rupali Kanade (Asst. Prof. Sinhagad College, Narhe, Pune) and Dr. A.B. Ubale (Modern College, Pune -05) worked as assessor of project.

Dr. B. G. Kore (Principal, Adarsh College, Vita, Dist. Sangali) and Dr. A. A. Bhagat (Asst. Prof. National Agriculture Project, Pune) worked as judge for the competition.

Dr. R. S. Zunjarrao (Principal), Dr. M.P. Gadre (Prof. Department of Statistics Savitribai Phule University, Pune), Prof. A. R. Darekar were present for the valedictory function.

g) M.Sc. Statistics programme 10th Anniversary function:

Programme was organized on account of 10th Anniversary celebration of M.Sc. Statistics. The intention of the programme was to review the program and to bring all the past students together to know more about them. Dr. M. M. Sane anchored the event with great enthusiasm and also recollected the memories of the department right from the starting of the course in the year 2019. Head of the Department Dr. P. G .Dixit gave an overview and praised everyone for their wonderful achievements. Sixty five past students along with visiting and contributory staff attended the programme with full energy. Some of them shared their views, experience and struggle for achieving great success.

A "Coffee Mug" having a photo of College and Department of Statistics, highlighting the event of 10th Anniversary Celebration was given to all participants. The programme was concluded with dinner.

3. Guest Lectures Organized:

1. 28/07/2018 - Dr. Kalyan Joshi
   Topic : Recent trends in Statistics computing Big data Analysis
2. 01/09/2018 - Dr.Sharayu A. Paranjape Topic : Variants of Binomial Distribution

4. Workshops, Seminars Participation and worked as resource person:

A) Dr. P. G. Dixit

1. Delivered lecture on Research Methodology at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 21st July, 2018.
2. Worked as a resource person:

- At International Conference, held at Balvant College, Vita on 6th January, 2019.
- At National conference held at New Arts, Science and Commerce College, Ahmednagar on 17th January, 2019.
- At National conference held at Sardar Vallabhbhai Patel University, Anand on 1st and 2nd March, 2019.
- Invited as Chief guest for valedictory function of Personality Development Camp at Hiware bajar, Ahmednagar on 15th December, 2018.

3. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical Courses held at KTHM Nashik during 10th and11th March, 2019.
4. Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Hadapsar, Pune on 23 March 2019.

B) Dr. M. M. Sane

1. Attended an 'International Conference on Computer Age Statistics' during 3rd-5th January, 2019 held at Savitribai Phule University, Pune.

2. Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Hadapsar, Pune on 23rd March, 2019.
3. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical Courses and Preparing the Question Banks of Semester II" held at KTHM , Nashik during 10th and11th March, 2019. Prepared Question Bank of ST-24: Parametric inference.

C) Dr. A.T. Kamble

1. Attended an 'International Conference on Computer Age Statistics' during 3rd-5th January, 2019 held at Savitribai Phule University, Pune.
2. Attended a National Conference on ICT Based Use of Advanced Educational Technologies in Teaching, learning and Evaluation Modern College, Pune-05 during 11th and12th January, 2019.
3. Attended Faculty development program during 3rd – 9th December, 2018 at Department of Statistics, Savitribai Phule University, Pune
4. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical Courses and Preparing the Question Banks of Semester II" held at KTHM, Nashik during 10th and11th March, 2019. Prepared Question Bank of ST-27: inference in Multivariate Analysis.
5. Worked as a Nodal officer for the academic year 2018-2019.
6. Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Hadapsar, Pune on 23 March 2019.

D) Prof. R. M. Umarani

Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Hadapsar, Pune on 23rd March, 2019.

E) Prof. P.S. Waldhe

Worked as resource person in lecture series of Actuarial Statistics Dr. Babasaheb Ambedkar University, Aurangbad on 20th December 2018.

F) Dr. A.B. Ubale

1. Attended an 'International Conference on Computer Age Statistics' during 3rd-5th January, 2019 held at Savitribai Phule University, Pune.
2. Delivered in lecture series of Actuarial Statistics Dr. Babasaheb Ambedkar University, Aurangbad on 20th December, 2018.

G) Prof. K. B. Bamdale

1. Attended 7 days **LaTeX** training program organized at Modern College, Pune and achieved the certificate from Spoken Tutorial Project, IIT Bombay, funded by National Ms.ion on Education through ICT, MHRD, Govt., of India.
2. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical Courses and Preparing the Question Banks of Semester II" held at KTHM Nashik during 10th and11th March, 2019. Prepared Question Bank of ST-26: Exploratory Multivariate Analysis.
3. Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Kothrud, Pune on 22nd March, 2019
4. Attended Personality Development Camp at Hiware bajar, Ahmednagar from 13th to 15th December, 2018. It is organized by New Arts College, Ahmednagar.
5. Attended one day faculty development programme on 14th August, 2018 conducted in Modern College, Pune-05.
6. Arranged "MATHESTICS.COM-2019" a training program in business Mathematics and Statistics for FY BCom students on 20th February, 2019

H) Prof. S. A. Korade

1. Attended 7 days **LaTeX** training program organized at Modern College, Pune-5 and achieved the certificate from Spoken Tutorial Project, IIT Bombay, funded by National Ms.ion on Education through ICT, MHRD, Govt., of India.
2. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical Courses and Preparing the Question Banks of Semester II" held at KTHM Nashik during 10th and11th March, 2019.
3. Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Kothrud, Pune on 22nd March, 2019
4. Attended one day faculty development programme on 14th August, 2018 conducted in Modern College, Pune-05.
5. Arranged "MATHESTICS.COM-2019" a training program in business Mathematics and Statistics for FY BCom students on 20th February, 2019

I) Prof. Y.B. Kharpude

1. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical held at Modern College, Pune-5.
2. Attended a Training Program on Learning Management System at Vinsys IT services Pvt. Ltd, Kothrud, Pune on 22nd March, 2019
3. Attended Personality Development Camp at Hiware bajar, Ahmednagar from 13th to 15th December, 2018. It is organized by New Arts College, Ahmednagar.

J) Prof. M. S. Khunte

1. Participated in a Two day workshop on "Discussing the Syllabi of Theory and Practical Courses and Preparing the Question Banks of Semester II" held at KTHM Nashik during 10th and 11th March, 2019. Prepared Question Bank of ST-28: Practical.
2. Attended a Training Program on Learning Management System at Vinsys IT service Pvt. Ltd, Hadapsar , Pune on 23rd March 2019

5. Achievements and Publications.

A) Dr. P. G. Dixit

1. Nominated as member and co-ordinator on Board of Studies in Statistics of Savitirbai Phule Pune University, Pune.
2. Nominated as member VIIT, Pune, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, North Maharashtra University, Jalgaon, Swami Ramanand Teerth University, Nanded
3. Published five textbooks.

B) Dr. M. M. Sane

Appointed as chairperson of subcommittee for Syllabi Revision of M.Sc. Statistics , Savitirbai Phule Pune University, Pune.

C) Prof. P.S. Waldhe

Appointed as chairperman of subcommittee for Syllabi Revision of M.Sc. Statistics , Savitirbai Phule Pune University, Pune.

6. Industry Academia program and Add – on courses:

i. Department has conducted training program on SAS software with the help of Data Science Lab Software Services, Pune. Forty six M. Sc. II students have participated. It has enhanced the employability of the students.

ii. Mr. Kotkar M.S. from CYTEL Software Services, Pune taught the course "Analysis of Clinical trials" to M. Sc. Students for four consecutive years.

7. Miscellaneous (e-governance and extension) :

i. Dr P. G. Dixit is working as Secretary of advisory Board and a trustee of a NGO Students' welfare Association, Pune .

ii. Dr. P. G. Dixit worked as, Vice – Principal , Chairman of Gymkhana Committee, Member of Unfair means Committee.

iii. Dr. Manisha Sane worked as, coordinator for Annual Prize Distribution Committee (Academic).

iv. Dr. Manisha Sane worked as Chairperson of Result Analysis Committee.

v. Dr. Asmita Kamble was appointed as a Nodal Officer .

vi. Dr. Asmita Kamble worked as Placement Co - ordinator of the Department of Statistics.

vii. Dr. Asmita T. Kamble was appointed as nodal officer of Modern college for all India survey on higher education by M.H.R.D.Govt. of India. She submitted TIF and DCF II form of Modern College, Shivajinagar, Pune -05for the years 2016-17 on AISHE portal. She also submitted information of the college on NIRF Portal Government of India on 22nd January, 2016.

viii. Dr. Asmita Kamble worked as, member of Science Association.

8. Placement :

a) Four students from M.Sc. II placed in the TCS, Mumbai companies details are as follows:
   1. Ms. Sayali Thorat
   2. Ms. Sejal Patil
   3. Ms. Namita Dhage
   4. Ms. Vaishnavi Kenjale

9. Prizes:

A. V.R. Dhongade prize :
Ms..S. Patil Avanti
(Highest marks in Statistics at FYBSc.)

B. V.R. Prayag prize :
Mr. Ahirrao Prasad
(T.Y.B.Sc. Deserving needy students)

C. Late Sau. Indirabai Chirputkar prize:
1. Mr. Kubal Rajan Ravindra (S.Y. B.Sc. Topper)
2. Ms. Choudhary Pratiksha Jitendra (S.Y.B.Com.Topper)

D. Late Nirmala Potnis Prize :
1. Mr. Gadekar Pramil Balasaheb (T. Y. B.Sc. Topper)
2. Ms. Sonar Sneha Avinash (T.Y.B.Com. Topper)

E. Dr. P. G. Dixit Prize :
Mr. Ashish Parkhe
(Highest marks in statistics in M.Sc. II)

F. Mrs. U .P. Dixit Prize :
Ms. Sejal Patil (Highest marks in statistics in M.Sc. I)

Scholarships/ Funds:

1 Cytel software Ltd. Pune (under Corporate Social Responsibility (CSR) scheme - 35 beneficiaries - Rs. 3,89,060/-

2 Emcure Pvt. Ltd. Pune -7 beneficiaries - Rs. 77,520/-

3 Smt. Nirmala Potnis and Smt.Shobhana Manolkar Scholarship-2 - beneficiaries - Rs. 10,000/-.

- Dr. P. G. Dixit
Head

Department of Zoology

Activities:

Educational visits/study tours

- Students of S.Y.B.Sc. 'B' have a course in Applied Zoology. To get better insight of the subject a special educational tour was organized for them in the first term to Centre of Fisheries and Fish Farming, Manjri, Hadapsar. The students had an opportunity to observe closely the inland fish farming methods and also the fresh water fishes which were bred here.
- On 13th December 2018, students and staff visited the Sericulture Institute at Wai. They observed mulberry plantation, life-cycle of silk moth, Sericulture equipment and all related amenities. Their staff gave live demonstrations of rearing activities of silkworm. Later they visited the Apiculture Institute Mahabaleshwar. The students were shown bee handling, rearing methods, various types and species of bees and also Apiculture equipment.

  Prof.B.T.Kalbage, Dr. P.S.Kudnar, Dr.Y.S.Shinde, Ms. Varada Kulkarni, Mr.Umesh Gore and Mr. Pawan Lambe accompanied the ninety students. The students were benefitted by this trip.
- Field visits were organized to the Savitribai Phule Pune University pond separately for T.Y.B.Sc.Zoology in August 2018 and and M.Sc. Zoology -I in September 2018. Dr. Yugandhar Shinde explained to the students the pond-ecosystem and also practically showed them the biodiversity therein. This was followed by laboratory sessions for observation of water sample. Dr. Priyanka Dutta Saha too accompanied the PG students.
- Educational visit was organized to the International Agriculture Expo- *Kisan 2018* held at Moshi, on 12th December 2018, for the T.Y.B.Sc.Zoology students. Prof.B.T.Kalbage, Dr. P.S.Kudnar and Dr.Y.S.Shinde accompanied the students.
- As a part of the practical syllabus the annual study tour of the students of T.Y.B.Sc. Zoology was organized from 29th January to 1st February 2019 to Ratnagiri, Dapoli and Murud of the Konkan coast, accompanied by Mr.Narendra M.Naidu, Dr. P.S.Kudnar and Mr.Laxman Adagale. On the way to Ratnagiri, the students visited Derwan and were thrilled to see the life size murals and statues depicting the adventurous life of Shivaji Maharaj. Yet at another spot near there was a halt to experience a natural hot water spring. At Ratnagiri they visited the beaches for observation of marine fauna, the Marine life Museum and the College of Fisheries. At Dapoli the entire day was spent at the Konkan Krishi Vidyapeeth, Dapoli to study several agricultural and industrial applications of Botany, Zoology and Microbiology. At Murud the main attraction was the fish market at the harbor. Here the students were excited to witness the bidding of the fish harvest and also to observe a large variety of marine fishes captured in this area.

  On the way back to Pune the entire group paid a visit to Bazm-e-Imdadiya's MIA Girls High-School and Junior College, an ideal educational institute established and developed for the benefit of girls from the minority community at Khed, Ratnagiri. It was a great experience for all and the hosts too were delighted to interact with our students.
- Our Post graduate students of M.Sc. – I, visited Zoological Survey of India (ZSI), Akurdi in October 2018. It was a great learning experience for them. Dr.Priyanka Dutta Saha escorted the students.
- Our Post graduate students of M.Sc. – I, had a one day trip to observe migratory birds at Kumbhar Gaon. Dr. Priyanka Dutta Saha and Ms. Netra Kulkarni accompanied the students, in March 2019.

ZooVision

ZooVision- an exhibition cum competition of posters and models was conducted on 19th January 2019. This exhibition was inaugurated at hands of our Principal Dr. R.S. Zunjarrao. Hundred students from Std XI to M.Sc. actively participated in this exhibition. In this exhibition many areas like animal diversity, entomology, parasitology, genetics, molecular biology, evolution, physiology, fishery, agricultural pest, apiculture, and sericulture were covered.

Dr.R.B.Barmukh, Staff member, Department of Botany, of our college, was the judge for this competition. Prof.B.T.Kalbage was the Coordinator for this activity.

Results of ZooVision:

Junior College

Special Prize - XI Science :

Priyanka Nikam, Sanghamitra Gaikwad,Prachi Chile,Ruturaj Sutar.

Senior College

First prize

Gautami Kulkarni, Tanmayi Kamblekar, Samreen Shaikh, Gauri Kabra.

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Second Prize
Snehal Kamble, Shivani Kumari,Reena Kumari.
Third Prize
Prerna Kadam
Appreciation prize
Pragati Nade, Vaishnavi Chivate,Divya Jagtap.

Post- Graduate Wing

First prize
Shashank Borkar, Khyati Joshi.
Second Prize
Manisha Pawar
Appreciation prize
Nilima Todkar

Guest Lectures

- **Dr.Prashant Duraphe** delivered a lecture on **Chronobiology** on 10th August 2018, for the benefit of T.Y.B.Sc. Zoology and M.Sc. Zoology students
- **Dr. Bulganin Mitra** [Retired Scientist, ZSI] on – "Pollination, pollinators and General Entomology" on 9th February 2019
- **Dr. Mohan Wani** [Scientist, NCCS, Pune] on "Pathophysiology of Bone and Cartilage remodeling in muscular skeletal disease" on 13th Feb 2019
- **Dr. Sushama Thatte** [Former Staff,Modern College, Pune-5] on " Role of X and Y organs in Crustaceans"

Special Event:

Prof. Sandhya Vartak from the department of Economics took initiative in inviting two dedicated researchers of international repute, to our college. Our department took lead in organizing their talk and interactive session on 16th January 2019 as follows:

- **Dr. Jere Henry Lipps,** Professor of the Graduate School, University of California, Berkeley, and Curator of Paleontology at the University of California Museum of Paleontology gave a very interesting, exhaustive and informative overview of **Paleontology, Evolution Biology and Global Warming**
- **Dr.Julianne Waldock,** Technical Officer – Arachnids and Myriapods,Western Australian Museum, mesmerized the listeners with her fascinating presentation and amazing information about **The World of Spiders**

Principal Dr.R.S. Zunjarrao formally welcomed the guest speakers. After a lively question- answer session with the students, the experts had an informal enriching interaction with teaching staff of our department.

Important Events:

- ***Academic and Administrative Audit***: Dr. Kalpana Pai, Head, Department of Zoology,SPPU was invited as an External Auditor and expert for the Academic and Administrative Audit held on 20th September 2018.After the presentation by the department Dr. Kalpana Pai complimented the department for its efforts and gave few valuable suggestions for the further improvement of quality in teaching and research.
- ***Autonomy preparation workshop***: Dr. Kishor Pendharkar, Head, Department of Zoology, Fergusson College [Autonomous] was invited on 24th December 2018, to guide our teaching staff regarding preparation for Autonomy, framing of syllabus in Zoology and credit system to be implemented. The discussion was very fruitful.

Activities / Achievements of Staff

Umesh D.Gore[Laboratory Assistant] :

"Special Achievement Award' by Shikshater Karmachari Mahasangh of Maharashtra State Non-Government College to Shri Umesh Gore at the hands of Dr.Neelam Gorhe, MLA, Vidhan Parishad, Maharashtra State, awarded on 20th January 2019.

Mr.Ajit Masurkar:

- Qualified JRF [NET]
- Completed a Certificate course in Basics of Sanskrit Language "Maître Sanskrit shi"
- Participated in One day faculty development training programme
- Participation in LMS workshop
- Participated in Cooperative Learning Workshop

Mr.Aniket Phadtare:

- Qualified JRF [NET]
- Completed a Certificate course in Basics of Sanskrit Language "Maître Sanskrit shi"
- One day faculty development training programme
- Participation in LMS workshop
- Participated in Cooperative Learning Workshop

Varada Kulkarni :

- Participated in One day faculty development training programme
- Participation in LMS workshop
- Was invited as Judge for ***Kaladarpan 2019***-Dance competition (Solo & Group) in Modern Institute of Business Management
- Judge in Arts Week for Dance competition in our college
- Participated in Two Day National Conference on Use of ICT in Teaching, learning & evaluation

Dr. Yugandhar S. Shinde:

- Completed Refresher Course in Nano Science conducted by Modern College, Pune-5
- Coordinator and Resource Person of Limnology Course conducted by Department of Zoology of our college in collaboration with Institute of Natural History Education and Research, Pune
- Organised S.Y.B.Sc study tour to Wai & Mahabaleshwar
- Accompanied T.Y.B.Sc. students to Krishi Pradarshan, Moshi
- Participation in LMS workshop
- Guided students for ZooVision 2017

Dr.P. S. Kudnar :

- Completed Refresher Course in Nano Science conducted by Modern College, Pune-5
- Resource Person at Limnology Course conducted by Department of Zoology of our college in collaboration with Institute of Natural History Education and Research, Pune
- Organised S.Y.B.Sc study tour to Wai & Mahabaleshwar
- Accompanied T.Y.B.Sc. students to Krishi Pradarshan, Moshi & T.Y.B.Sc study tour
- Participated in Two Day National Conference on Use of ICT in Teaching, Learning & Evaluation
- Participation in LMS workshop
- Guided students for ZooVision 2017

Prof.B.T.Kalbage

- Organised S.Y.B.Sc study tour to Wai and Mahabaleshwar
- Accompanied with T.Y.B.Sc. students to Krishi Pradarshan, Moshi
- Worked as Coordinator for Zoovision exhibition
- Participation in LMS workshop
- Worked as Coordinator for M.Sc. Zoology Course
- Guided students for ZooVision 2017

Dr.Priyanka Dutta Saha:

- One day faculty development training programme in MCASC
- One day LMS workshop
- Participated in Two Day Conference on Use of ICT in Teaching, learning & evaluation (National Conference)
- Invited as a resource person in workshop on "Limnology" at MCASC
- Organized study tour for M.Sc.- I students to Bhigwan Bird Sanctuary in March 2019.
- Appointed as a faculty member for M.Sc. Zoology teaching programme
- Escorted the M.Sc. Zoology –I students during Educational Visit to ZSI,Akurdi
- Guided students for ZooVision 2017

Ms. Netra Kulkarni

- One day faculty development training programme in MCASC
- One day LMS workshop
- Presented poster in International conference NGBT 2018 organized by Science research function in Jaipur 30th Sept-2nd Oct 2018
- Attended International Conference on Molecular Signalling Organized by Dept. of Zoology, SPPU at NCCS, Pune 23rd Jan-25th Jan 2019
- Organized study tour for M.Sc I students to Bhigwan Bird Sanctuary in March 2019.
- Appointed as a faculty member for M.Sc. Zoology teaching programme
- Guided students for ZooVision 2017

Dr. Shubhangi S. Puranik:

- Awarded as Best Student Development Officer by SPPU on 9th Feb 2019 (University Foundation day program) by the hands of Dr. Umrani, Pro-Vice Chancellor,SPPU.
- Organized International Conference on Astrobiology on 15th, 16th Dec 2018
- M.Sc. Project Student Ms. Vinnie Sharon presented a paper in National Conference on "Advances in Applied Biology & computational sciences" at Spicer Adventist University, Aundh and received 1st prize in oral presentation.
- "Yuvaspandan" 34th Inter University West Zone Youth festival 19th to 23rd Dec. 2018
- Worked as "External Senior Supervisor" in Garware college, Pune, October 2018
- Worked for needy students for getting financial assistance
  Encure Pharmaceuticals - 4 lacs 5 thousand
  Blind foundation, Chennai – 2 lacs 10 thousand
  Geeta Israni Foundation Mumbai – 1.5 lacs
- Worked as a **Ph. D. guide.**
- Worked as a **Chairperson** of **Institutional Social Responsibility** (ISR) activities and conducted number of activities and **Industry Academia Meets.**
- Coordinator & conducted Add on course on **Animal Tissue Culture.**
- Organized one-day trip of teaching -non teaching staff of Zoology department.
- Guided students for ZooVision 2018
- Awarded Best Teacher Award by PES.

Narendra M.Naidu

- Resource person in the course on Herpetology conducted by INHER, 9th July 2018
- Delivered a talk for NSS on Independence Day on 'Freedom Fighters of India'.
- Invited as a Resource Person to address the Parents of Std XI of St.Ursula Junior College on 21st August 2018

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- Resource person in the course on Arthropods conducted by INHER, 29th Sep. 2018
- Invited by Symbiosis College of Nursing[SCON] to conduct a workshop on 'Service Learning' for B.Sc. Nursing fourth year students on 16th October 2018
- Resource person in the course on Ornithology conducted by INHER, 25th November 2018 and 1st December 2018
- Organized a two day Workshop on Cooperative Learning on 13th and 20th December 2018 for new staff members of our college
- Delivered a talk on 'Baba Amte and Anandvan' at NSS Junior Camp.
- Participated in two day National Conference on Use of ICT in Teaching, Learning & Evaluation, 11th and 12th January 2019
- Invited as a Guest speaker to deliver a talk on ' Swami Vivekananda : Relevance of his teachings today' at Modern College, Ganeshkhind, on 12th January 2019
- Resource Person at Limnology Course conducted by Department of Zoology of our college in collaboration with Institute of Natural History Education and Research[INHER], Pune, 28th February 2019
- Co-opted in BOS, Zoology of SPPU as Subject Expert for UG Syllabus, March 2019
- Presented a joint paper on the work done at our college in Cooperative learning in an International Conference on Cooperative Learning, at Taipei, Taiwan, March 2019
- Invited as a Resource person to train School teachers in Biology, by Vignyan Bharati and Deccan Education Society, Pune, on 25th April 2019.

Mrs.Chabukswar Vaishali V

- Worked as Zoology In-charge for Junior college for the academic year

Mrs.Ashwini Deshkar

- Helped in organizing Departmental Staff trip

Mrs.Renu Bhalerao

- Involved in planning and execution of 'Kala Saptah' activiteis and was In-charge for the Singing Competition
- Organised one-day trip of Departmental staff
- Assisted in organizing and coordinating the year long workshop on Cooperative Learning by Dr.Lalita Agashe
- All teaching and non-teaching staff whole heartedly were involved in the work related to organization of the National Conference on Use of ICT in Teaching, Learning & Evaluation organized by our college in January 2019.

Mr.Aniket Phadtare, Mr.Ajit Masurkar and Ms.Varada Kulkarni were appointed as temporary teaching faculty for the undergraduate courses in Zoology. They actively participated in co-curricular and extra-curricular activities besides their regular teaching assignments.

The Wonders of Water:
Certificate Course in Limnology

Institute of Natural History Education and Research [INHER], Pune and department of Zoology, Modern College, Pune-5, in collaboration conducted this course from 20th February to 6th March 2019. It was conducted for the first time. Nineteen participants enrolled for this course. The resource persons were: Dr. Anand D. Padhye, Dr. P.S. Kudnar, Dr. Kartik, Dr. Mandar Datar, Dr. Avinash Vanjare, Dr. Yugandhar Shinde, Dr. Sameer Padhye, Dr. Sameer Pati, Mr. Mihir Kulkarni, Mr. Narendra Naidu, Dr. Shruti Paripatyadar, Ms. Sayali Sheth, Dr. Priyanka Saha, Dr. Sanjay Kharat, Dr. Talmale, Dr. H. V. Ghate Prof. B.B. Nath, KetakiGhate, Mr.Shriraj Jakhalekar and Mr. Santosh Gondhalekar.A wide spectrum of topics in Limnology was covered by these experts. The course also included laboratory session and field visit to River Pawana, Chinchwad.

Dr.Anil Mahabal-President, INHER, other office bearers of INHER and Principal Dr. R. S. Zunjarrao were present for the Inauguration.

Dr. Yugandhar Shinde efficiently managed the smooth conduct of this course as the Coordinator.

Current activities of the
Post-Graduate Research Centre
Research Publications of Dr.H.V.Ghate

- Gowande, G.G., Sanket Tembe & **Hemant V. Ghate** (2018). Revisiting DNA barcoding of true bugs of the infraorder Pentatomomorpha (Hemiptera: Heteroptera) from India**.** *Mitochondrial DNA Part A article: https://doi.org/10.1080/24701394.2018.1431229*
- Naidu, N.M. & **H.V. Ghate** (2018). Report of a longhorn beetle *Cyrtonops punctipennis* White, 1853 (Cofleoptera: Cerambycidae) from Maharashtra, India. *Journal of Threated Taxa* 10(1): 11201–11204
- **Ghate H.V**. & Mathew, M. (2018). First record of the genus *Gomesius* (Heteroptera: Reduviidae: Emesinae: Leistarchini) from India, with description of a new species. *Zootaxa,* 4461 (3): 421–428

- Sarode. B.V., S.S. Boyane & **H.V. Ghate** (2018). The first report of two thread-legged assassin bugs (Hemiptera: Reduviidae: Emesinae) from India. *Journal of Threatened Taxa* 10(5): 11659–11664.
- Sarode. B.V., S.S. Boyane & **H.V. Ghate** (2018). A first report and additional description of the assassin bug *Neostaccia plebeja* (Stål) Heteroptera: Reduviidae) from India with comparative notes on *Staccia diluta* Stål from Assam, India. *Journal of Threatened Taxa* 10(7): 11948–11954
- Sarode, B.V., Joshi, N.U.; Pansare, P. & **Ghate, H.V.** (2018b). A record after 52 years, and additional description of the emesine assassin bug *Emesopsis nubila* (Hemiptera: Reduviidae: Emesinae) from western India. *Journal of Threatened Taxa,* 10(9), 12282–12285
- More, S.V. and **H.V. Ghate** (2018). First record of a coreid bug *Anhomoeus fusiformis* Hsiao (Hemiptera: Heteroptera: Coreidae: Coreinae: Anhomoeini) from India. *Journal of Threatened Taxa* 10(10): 11–11.
- Sheth, S.D., **H.V. Ghate** & Jiri Hajek (2018). *Copelatus* Erichson, 1832 from Maharashtra, India, with description of three new species and notes on other taxa of the genus (Coleoptera: Dytiscidae: Copelatinae). *Zootaxa* 4459 (2): 235–260.
- **Ghate, H.V**., S. Kulkarni & S.P. Benjamin (2018). Giant assassin in the cave: a new species of the genus *Myiophanes* from Sri Lanka (Hemiptera: Heteroptera: Reduviidae: Emesinae. *Zootaxa* 4524 (2): 237–244
- Sheth, S.D., A. D. Padhye, and **H. V. Ghate** (2019). Factors affecting aquatic beetle communities of Northern Western Ghats of India (Arthropoda: Insecta: Coleoptera. Ann. Limnol. International Journal of Limnology. 2019, 55, https://doi.org/10.1051/limn/2018030
- Kolla Sridevi, M. Sharma & **H.V. Ghate** (2019). New record of Low's flat faced longhorned beetle *Sarothrocera lowi* White, 1846 (Coleoptera : Cerambycidae: Lamiinae: Lamini) in Nagaland, India, along with firsttime descriptions of male and female genitalia. *Journal of Threatened Taxa* 11(3): 13390–13394.
- **Ghate, H.V &** Sarode, B. (2019). On the rediscovery *Onychomesa susainathani*, an emsine bug endemic to India. (heteroptera: Reduviidae: Emesinae). . *Journal of Threatened Taxa* 11(3): 13395–13401.

Research

Thirteen students are currently pursuing their Ph.D. work at our Post Graduate Research Centre in Zoology. Three students : Mr. Ramprakash Bhaiyyalal [Guide: Dr.Ravindra V. Kshirsagar], Mr.Sachin Gosavi[Guide : Dr.Sanjay S.Kharat] and Mr.Nirbhay Pimple [Guide: Dr.Sanjay S.Kharat] gave their Pre-Ph.D.Synopsis Presenatation. Mr.Imran Patel has newly registered for Ph.D. under the supervision of Dr.Shubhangi S.Puranik at this PGRC.

Post Graduate Teaching

Dr.Shubhangi Puranik and Ms.Netra Kulkarni continued as PG teachers. Dr.Priyanka Dutta Saha was newly appointed for PG teaching. Prof.B.T.Kalbage continued as the Coordinator for this programme. All UG staff also contributed to the PG teaching and practical sessions.

Prof.Sushama J.Thatte (Former faculty of our department) was invited for a Guest Lecture.

Parents' Meet

A Parents' Meet of the students of T.Y.B.Sc. Zoology, with the teaching and non-teaching staff was organized on 8th September 2018. Mr.Narendra Naidu addressed the parents and the students.All teachers shared information about the departmental activities and later had an informal interaction with the parents. The parents appreciated the concern shown by the college and the department.

Alumni

- **Dr.Prashant Duraphe** an ex-student of our department delivered a lecture on **Chronobiology** on 10th August 2018, for the benefit of T.Y.B.Sc. Zoology and M.Sc. Zoology students. He also explored the possibility of introducing an Add-on-course on Chronobiology in our college and shared the career options in this field.
- On 30th September 2018 an Alumni- Meet of T.Y.B.Sc. 2003 and T.Y.B.Sc. 2004 batches was organized in the college under the guidance of Mr.Narendra M.Naidu supported by our Principal Dr.R.S.Zunjarrao. Fifty one past students and seventeen staff members were present. The programme was very well organized with exciting interactive sessions, power point presentation and narrations of old memories. The Alumni donated an amount of Rs.23, 000/- to the college. As per the Principal's suggestion the donation would be used to install ' Meditation Points' in the campus for students and staff.

Achievement of Students

- In the academic year 2017-2018, **Shruti Yeola** ranked first in the **T.Y.BSc**. Zoology total marks and **Shonam Upadhyay** ranked first in the combined total marks of S.Y.B.Sc. Zoology and T.Y.B.Sc.Zoology.
- **Vinnie Sharon** stood first in the M.Sc. Zoology –II class. She presented a paper in National Conference on "Advances in Applied Biology & computational sciences" at Spicer Adventist University, Aundh and received first prize in oral presentation.
- Shruti Yeola and Dhanashree Gaikwad secured admission for M.Sc. Zoology at the Savitribai Phule Pune University. Pratiksha Chavan and Vaishali Dukare secured admission for M.Sc. Zoology at Modern College, Pune-5. Florence Parge secured admission for M.Sc. Zoology at Ahmednagar College, Ahmednagar, Ganesh secured admission for M.Sc. Zoology at Sangamner and Dipali Pekari secured admision for M.Sc. Zoology at Mumbai. Pratiksha Khandge secured admission for M.Sc. Environmental Science at Vasantdada Sugar Institute [VSI],Pune. Prerana Gandhi and Utkarsha Kulkarni secured admission for M.Sc. Environmental Science at Fergusson College.

Narendra M.Naidu
Head

Department of Commerce

Academic Results:

The result of B. Com. Examination held in April, 2018 was 67 %.

Faculty Development Programmes

i) All the members of the Department have successfully completed the 'Training Course on Learning Management System (LMS)' conducted by Vinsys IT Pvt. Ltd., Pune between 22nd March, 2019 and 25th March, 2019.

ii) An Orientation Workshop on 'Autonomy of Colleges' addressed by Hon. Dr. Gajanan Ekbote on 15th June, 2018 was attended by all the staff members of the department.

Student Development Activities

1) A Course on Stock Market Operations -

A five-day course on Stock Exchange Operations was organized by the Department for the students of S.Y. B.Com. and T.Y. B.Com. between 28th January and 1st February,2019. Mr. Nandakumar Kakirde and Mr. Sadanand Soman guided the students on topics like Introduction to Stock Exchange, Primary Market, Secondary Market, Financial Analysis, Technical Analysis and On Line Trading. The Course was attended by thirty seven students.

2) Industrial Visits for students of M.Com. (Part I) (Special Subject- Advanced Costing)

a) Visit to **Marks Enterprises,** (Unit 1 at Shivane and Unit 2 at Nanded Phata, Pune) on 5th January 2019 was arranged by Prof. S. R. Hirwe. Sixteen students visited the industry to understand Manufacturing process and plant layout and its impact on cost.

b) Visit to **Somwanshi Paper Industry** (Bhujbal Wasti,Sanaswadi MIDC,Pune -412208.) on 12th January 2019 was arranged by Dr. Rupesh Bansode. Sixteen students visited the industry.

3) Lecture Series on Career Counseling

Following lectures were organized for students of F.Y. B.Com. :

- Tuesday, 29th Jan. 2019 - Company Secretary as a Career Option - Prof. Subhasis Pal, Faculty at The Institute of Company Secretaries of India
- Wednesday, 30th Jan. 2019 The Chartered Accountant – Even Sky is not the limit CA Karan Chandwani, CA Nilesh Rathi and CA Govind Chandak from Pune Branch of The Institute of Chartered Accountants of India.
- Thursday, 31st Jan. 2019 - Behind Every Success there is a Cost & Management Accountant - Prof.Dr. R. W. Kulkarni, Fellow Member of The Institute of Cost Accountants of India.

More than eighty students attended these lectures.

4) Lecture on Union Budget, 2019

A lecture on Union Budget 2019 was organized on Tuesday, 12th February, 2019. CA Padma Shahane, Fellow member of the Institute of Chartered Accountants of India, practicing since last 28 years, discussed in detail the proposals contained in the Interim Union Budget. The lecture was followed by Question-Answer session. The lecture was attended by all staff members of the Department and 199 students of T.Y. B.Com. (65 Boys and 134 Girls) and also students of M. Com.Part I and Part II classes. The activity was coordinated by Prof. Rasika Date.

5) Guidance lecture on Placements

A guidance lecture on career in Banking was organized on 18th July, 2018 in association with ICICI Foundation. Mr. Vijay Bagul guided the T.Y.B.Com. Class. The activity was coordinated by Dr. Vijay Gaikwad.

6) 'Meet Young Professional' Programme

A lecture cum dialogue session was organized in the Department of Commerce for the CS aspirants. Mr. Aniruddha Dekhane, Practicing Company Secretary was invited to deliver a lecture on Saturday, 21st July, 2018. The activity was coordinated by Dr. R.W. Kulkarni.

7) Guest Lectures

a) **On Calculation of Gross Total Income and Filing of Income Tax Return**

The lecture was delivered by CA Pankaj Mandhane. One hundred and forty four students from T.Y.B.Com. & M.Com. attended the lecture which was organized by Dr. Rupesh Bansode.

b) **On Activity Based Costing**

The lecture was delivered by CMA Amit Shahane for students of T.Y.B.Com. Eighty students attended the lecture and the activity was coordinated by Prof. S. R. Hirwe.

8) Workshop On "GST"- Girls Students Empowerment Through Skill Building,

A five day Workshop on GST, was organized by Career Counseling Group (CCG) of BOS of ICAI jointly with Pune Branch Of WIRC of ICAI and Pune Branch Of WICASA of ICAI, in support with IQAC, Savitribai Phule Pune University and P.E. Society's Modern College Of Arts ,Science & Commerce , Ganeshkhind Pune. **Eight** Girl Students from Commerce faculty of our college were selected for the workshop. After successful completion of the workshop, **six** girl students were placed in reputed organizations. The activity was coordinated by Prof. Amol Nikale.

9) A group competition on **Power point presentation** (PPT) was organized for T.Y.B.Com. Div. C, on 7th February, 2019. Twenty one groups participated and the competition was coordinated by Prof. S. R. Hirwe.

10) Employment Oriented Skill Development Activity

To enhance employment ability of the students, Department of Commerce and Center for Youth Development and Activities Pune (CYDA) organized the One Month Mobile Trading and Repairing Course from 5th February 2019 to 5th March 2019. The activity was coordinated by Dr. Vijay Gaikwad.

Achievements of Staff

Faculty invited as resource persons

1 Dr. A. V. Kamble - On 7th February 2019, at Shri Sidhivinayak Mahila Mahavidyalaya, Pune Research Methodology

Papers presented by faculty

1 Dr. A. V. Kamble - A Study of Consumer Preference towards Telecom Services among Customer in Pune City - State Empowering Business Through Innovation And Technology Poona Institute of Management Sciences & Entrepreneurship, Pune - 1st and 2nd February 2019

2 Dr. A. V. Kamble - A Study on Factors Influencing the purchase of Telecom services in Pune City- National - Strategizing Innovation And Entrepreneurship For Development DIMR, Pune 11th and 12th January 2019

Faculty participation in seminar

1 Dr.Vijay Gaikwad - 7 & 8th December 2018 E-Content Development Workshop - State Level Shree Shahu Mandir Mahavidyalaya, Pune

2 Prof. Amol N. Nikale - 7 & 8th December 2018 E-Content Development Workshop - State Level Shree Shahu Mandir Mahavidyalaya, Pune

3 Dr.Vijay Gaikwad - 15th & 16th February 2019 To prepare Dictionary in Commerce – Marathi Commission for Scientific and Technical Terminology- National Level,Amravati.

4 Prof. A. V. Desai - September,2018 - New Trends in Management - National Level Modern Institute Busines Management,Pune.

Other achievements

1) Dr. Ashok V. Kamble

i) Elected as Member – Board of Studies in Business Administration of Commerce and Management Faculty of Savitribai Phule Pune University, Pune

ii) Invited as a Reviewer of the Session on Sustainable Tourism during the Interdisciplinary International Research Conference on "Sustainability: Aspect Challenges and Prospects in the Global Perspective" organised by Garware College of Commerce in 'YASHDA' on 17 & 18th January 2019

2) Dr. Vijay N. Gaikwad

i) Elected as Faculty Member of Commerce and Management of Savitribai Phule Pune University, Pune

ii) Nominated as Member – Board of Studies in Marketing, Savitribai Phule Pune University, Pune

iii) Worked as Chairman Soft Skill Development Committee

iv) Worked as Chairman Commerce Association

v) Worked as Coordinator for Mobile Trading and Repairing Course

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3) CA Rasika P. Date

i) Successfully completed a course on IPR conducted by Yashada between 28th May and 30th May, 2018

ii) Worked as Member, Organising Committee for the National Conference for Women Chartered Accountants Organised by Pune Branch of The Institute of Chartered Accountants of India, on the theme 'WE Construct', held at Yashada on 1st and 2nd September, 2018 and actively participated in a Session on 'Mock Tribunal' at the Conference

iii) Coordinated the lecture series on Career Counseling organised by the Department

4) Prof. Shraddha R. Hirwe

i) Worked as Coordinator for the Course On Stock Exchange Operations

5) Prof. Amol N. Nikale

i) Worked As College Coordinator For 5 Day Workshop On "**GST**"- Girls Students Empowerment Through Skill Building, Organised By Career Counseling Group (CCG), ICAI Jointly With Pune Branch Of WIRC Of ICAI Pune Branch Of WICASA of ICAI In Support With IQAC, Savitribai Phule Pune University And P.E. Society's Modern College Of Arts ,Science & Commerce , Pune

ii) Worked as Judge for PPT Competition which was organized for T.Y. B.Com. Students

iii) Successfully completed a course on Goods and Service Tax.

6) Prof. A. V. Desai

i) Attended Workshop on " LMS ", One day Training on learning Management System, organized by Vinsys IT Pvt. Ltd., Pune.

The result of M.Com. Examination held in April/ May, 2018 was 100 % (Grantable Section)

Research Centre in Commerce

During the year 2018-19, two scholars Prof. Prajakta Sabne and Prof. Amol Nikale have registered under the guidance of Dr. A. V. Kamble. Two scholars, Prof. Nilesh Waghmare and Prof. Reshma Gavali have submitted their doctoral thesis for evaluation.

Workshop on Soft Skills Development

A Workshop on Development of Soft Skills was organized from 5th February, 2019 to 15th February, 2019. Dr. Vijay Gaikwad was the Chairman and Prof. Rahul Jadhav was Coordinator.

- Dr. A. V. Kamble
Vice Principal and Head

Department of Commerce (WCBS)

B.Com. (Non – Grant)

Every year our Department organizes various student centric activities. Details of the activities are as follows:

A. Guest Lectures Organized:

- "Career in Accountancy and Finance" by Mr. Vishal Agnihotri (Director ICA) on 11th July 2018.
- "How To Manage Risk In Professional Life" by Mr. Harshanand Waghmare on 11th July 2018.
- "Financial Literacy and Credit Counseling" by Mr. Vijay Bagul (ICICI Foundation/ Disha Trust) on 15th July 2018.
- "Career Opportunities in Cost and Management Accountancy" by CMA. Smita Kulkarni (Managing Committee member ICMAI) on 27th July 2018.
- "Career Guidance on Opportunities to Study Abroad" by Mrs. Sumitra Anant Sant (Career Advisor and IELTS trainer SIEC Edu Pvt Ltd) on 5th Sept. 2018.
- "Commerce Championship-Pune 2018" by ICA Edu Skills Pvt. Ltd. on 6th Sept. 2018.
- "How to Get Corporate Job?" by CA. Nilay Mehata (Founder, Nilaya Institutes) on 19th Sept. 2018.
- "Multiple Intelligences: How Do They Impact Your Career" by Mr. Avinash Deshmukh on 13th December 2018.
- Workshop on "Life Skills Development" was arranged by Rotary Club Pune on 20th Dece.2018.
- "Need for Foreign Capital" by CS. Ravindra Zayade on 14th January 2019.
- "GST Law and Opportunities" by CA Rajendra Dangi (Founder, RD's Institutes of Accounts and Taxation) on 19th January 2019.
- "Money and Financial market" by CA Santosh Akole (CEO, Googol Finance Advisory, Pune) on 21st January 2018.
- "Personal Interview and Presentation Approach" by CA. Nilesh Patil (Director, IAM Skill Development) on 28th January 2019.

B. Exhibitions:

- **Poster Presentation Competition:** The department organized a "Poster Presentation Competition" on 7th Aug 2018. The Theme of the competition was "Profile of Indian Origin Companies". Students from S.Y.B.Com. participated in the competition.
- **Banking Exposition 2018:** This exhibition was held on 27th September 2018. The aim of this

exposition was to exhibit the changing scenario of the banking system in India from traditional to digital banking. Around 150 students participated in this poster based exhibition.

- **EVS Exhibition:** EVS Exhibition was organized for S.Y.B.Com students on 19th Dec 2018. The topics were based on environment protection like Elephant Whisperers, National Green Tribunal, Paniwala Baba Rajendra Singh.
- **Com- Fest 2019:** On 4th January 2019 a trade fair entitled "COM FEST" was arranged for the students. The purpose was to impart practical experience to the students in marketing and analyzing profits.

C. Educational Visits:

- **Visit to Big Bazar:** T.Y.B.Com. students who have opted marketing as a special subject visited BIG BAZAR in order to study Product Positioning System. These students also visited Market Yard, Pune to understand the Agricultural Marketing System.
- **Court Visit:** T.Y.B.Com. students visited the District Court in order to learn the Court procedures.
- **Industrial Visit:** An industrial visit was arranged for S.Y.B.Com. students to Volkswagen automobile industry, Chakan. The purpose of the visit was to understand the automation and manufacturing process of MNC.

D. Research:

- **FDP on Research:** A Guidance Lecture on "How to Write a Research Paper" was conducted for the faculty members. The objective behind this lecture was to develop interest among the faculties for writing research paper and articles.
- **Avishkar Research Competition:** The students of our department had participated in Avishkar 2019. Out of six groups, two groups were selected at district level.

E. Social Activities:

- **Nirmalya Sankalan:** In order to create environmental awareness among students an activity "NIRMALYA SANKALAN" was organized during Ganesh festival.
- **Welcome Year 2019:** In our Campus New Year was welcome in a different way. Students and Staff members voluntarily contributed money and from that money they purchased few food items which were distributed among the poor people of the society.
- **Rakshabandhan:** Our students celebrated Rakshabandhan with the soldiers in Paraplegic Rehab Centre, Khadki with a purpose of expressing gratitude towards brave soldiers of Indian Army.
- **Social week:** Social Week was organized in the college campus with a purpose to create social awareness on various burning social issues. The topics covered were as follows: Internet Addiction and Cyber-Crime, Water Conservation, Road Safety and E-technology and Impact of Healthy Lifestyle.
- **Mission Sahasi:** ABVP, Pune organized a workshop on "Self Defence Technique" for girl students in our college. The training was given by Defence Youth Academy, Pune.
- **Sarhad Aplya Deshachi:** A motivational Speech was organized on the Topic: "Sarhad Aplya Deshachi". The Speaker was Senior Journalist Mr. Anand Saraf.

F. Placement Cell:

Business Administration Campus has a placement cell and it runs placement activities for UG and PG students. In this academic year, following companies have organized recruitment activities in our campus: BTW Visa services, ATOS-Syntel, Infosys Technologies Ltd, TCS, Wipro, Mr. Bhandare, CA Firm, Hindustan Times. Many students got selected for various posts in the above companies.

G. Achievements of Staff :

- Our faculties have participated and presented posters in State and National Level Conference.

H. Achievements of Students :

- F.Y.B.Com. student Mr. Rohit Patel participated in Poster-Presentation Competition held in IndSearch Institute, Pune's annual event ATHANG-19.
- F.Y.B.Com. student Mr. Rohit Patel participated in Intercollegiate Competition "COMFEST-18" held in Abeda Inamdar College.
- F.Y.B.Com. students Mr. Sohan Sawant and Miss. Sejal Pawar were shortlisted for College "Best Student Trophy 2018 - 19"
- S.Y.B.Com. student Miss. Janhavi Lachake participated in Solo Dance Competition organized by MIBM, Pune annual Cultural event KALADARPAN-19.
- B.Com. Department's Cultural Group participated in Group Dance Competition organized by MIBM, Pune annual Cultural Fest KALADARPAN-19.
- Two students Sammed Doshi and Pramod Chougule of S.Y.B.Com. were selected for presenting their research at District Level AVISHKAR-19 Competition organized by SPPU, Pune.
- Alisha Shaikh participated as volunteer in KHELO INDIA YOUTH GAMES-2019.

M.Com. (Self- Financed Department)

The result of M.Com. (2013 pattern) examination, held in May 2018 for the academic year 2017-18 of Part I was 75% and of Part II was 82%

- On 8th and 9th August 2018 the Soft Skill Development workshop by GTT was conducted to develop the various skills among the students which would be helpful for them for appearing for the interviews in corporate sector. GTT conducted HR Intervention Program on 11th September 2018 where the HR Managers from Corporate sector guided students
- The training session was conducted on 12th September 2018 by CCA Institute on Computerized Accounting for GST. Ms. Pooja Gawande was invited to guide the students regarding Computerized Finance Accounting. She explained the students regarding Pay roll Accounting and Excel sheet. The objective of conducting the lecture was to groom the students in Computerized Accounting of Tally ERP 9.
- CA Nilay Mehta (founder of Nilaya Institute) was invited on 19th September 2018 to address the students on the topic of 'Skill Development and Success Mantra in Commerce'. He told the students that being good human is the base of success. He also added that'desire and belief'are keys of success. The good communication skills, knowledge, dedicationand attitude are the pillars of success. Also he narrated some real stories to motivate students to be entrepreneur. The feedback of students was very good and they were motivated by the sessions.
- On 28th September 2018 M.Com. girl students attended and participated in a session on Woman Rights and Laws conducted by Maharashtra Mahila Aayog in collaboration with Aamhi Punekar. The Chairperson of Session was Mrs. Rahatkar. The session was conducted in Patrakaar Bhavan
- Mr. Lokesh Sharma and Dr. Pushpak Pandav from APTI Academy conducted the session on **Guidance for Competitive Examination in Banking and Finance Sector** on 18th December 2018,for our students. They shared information regarding the career opportunities in Banking Sector.
- On 20th December 2018, one day w**orkshop on** Life Development Skill in association with RYLA was held on various topics like Multiple Intelligences: How do they impact your career, Stress Management, How to Set Life Goals and How to Create a Brand, by various renowned speakers.
- M.Com. Part I students participated in Comm-Fest on 4th January 2019, organized by Commerce department for getting the experience of trading and learning and of Preparation of Budgets and Application of Marginal Costing Technique by profit evaluation.
- Guest session by CA Rajendra Dangi from RD Institute on 'GST Law and Opportunities' conducted on 19th January 2019, to guide the students.
- Capital Market Exhibition organized by M.Com. Part II students under the guidance of Prof. Ashish Sartape, inaugurated by Mr. Santosh Akole on 29th January 2019. Students participated enthusiastically and prepared different models and posters on various topics of Capital Market.
- Apart from all these extra-curricular and co-curricular activities the sessions were held by Ms. Aayushi on Cyber Security and by CA Sumeet Shah on Direct Tax under Skill Development Program for Part I and Part II.
- Two students from M.Com Part I, Yogesh Bele and Ramanti Deshpande got successfully placed in INFOSYS from placement drive held in our college.
- In sports M.Com. Part-I students were awarded by the following awards -:

Wasim Shaikh (Best Physique)

- National Level- All India Inter University second place.
- National Level – Master India second place
- State level- Maharashtra Shree first place.
- District Level- Pune Shree first place
- College Level- Progressive Shree first place and Modern Shree first place.

Kashmira Shinde (Cricket)

- National Level- All India Inter University Bronze medal
- West Zone second place
- Inter-zonal first place
- Intercollegiate first place

BBA

Academic year 2018-19 began with a host of activities which are listed as follows:

- National Scholarship Test conducted by IMS for S.Y. BBA on 17th July 2018
- Training by GTT (Global Talent Track) for T.Y. BBA on 11th August 2018
- Counseling Session for F.Y.BBA by **Prof.Dr. M.D.Alandikar** on 10th, 11th and 13th August 2018.

- Welcome Program for F.Y.BBA on 25th August 2018
- Guest Lecture on **"Introduction to Networking"** by Mr. Rupesh Waidande (Assistant Manager Cognizant) for SY BBA on 18th August 2018
- Guest Lecture on **"Psychometric Testing"** by Prof. S Jayraman from ISBandM for S.Y. and T.Y. BBA on 28th August 2018
- State Level Seminar on **"Changing Face of International Trade: Contemporary Issues and Career Opportunities (Local to Global)"** on 21st and 22nd December 2018
- Industrial visits to 4 industries on 11th and 12th January 2019
  - ❖ Sant Tukaram Sahakari Sakhar Karkhana
  - ❖ Kalyani Maxion Wheels Pvt. Ltd.
  - ❖ Chitale Bandhu Mithaiwale (Khed Shivapur)
  - ❖ Dhaval Technologies Ltd.
- Guest Lecture on **"Life, Challenges, Mindset and Skills needed for Marketing / Finance / HR / Operations specializations"** for F.Y. BBA by Mr. Pushkar Aurangabadkar on 18th January 2019
- Social Week from 22nd – 25th January 2019
- Cultural fest 'Aarohan-Exploring the Limitless Talent' from 20th – 23rd Feb 2019
- Farewell Function for T.Y. BBA on 16th April 2019

Prof.Savitha Fernandes Head, B.Com.

Prof. Shreya Vaidya Head, M.Com.

Prof. Lawly Das Head,BBA

Dr. Milind D. Alandikar Vice Principal

Junior College

Total Number of Std. XI Students : 1272
Total Number of Std. XII Students : 1130
List of meritorious students (HSC) for the academic year 2018-19:

Science

1.	Sawant Jay Tukaram	93.69%
2.	Ahirrao Rohit Yogesh	92.31%
3.	Toraskar Ayushi Suyash	91.85%

Commerce -

1.	Uttekar Harshali Harichandra	91.50%
2.	Shetty Anisha Sarvotham	90.70%
3.	Deodhar Ashvini Avdhut	90.30%

Arts (English Medium)-

1.	Gurde Gauri Shubham	91.31%
2.	Mangrulkar Ketki Vinay	90.92%
3.	Kulkarni Riddhi Ajit	89.84%

Arts (Marathi Medium) -

1.	Mane Ashok Narayanrao	90.30%
2.	Gadade Anuja Kiran	82.92%
3.	Zanwar Shruti Govind	81.53%

- On 1st May 2018 Prof. Subhash Karekar was appointed as Supervisor.
- Vice Principal R.N.Ingole worked as the In-Charge of Zone 07 for Std.XI. Centralized Online Admission process conducted by Deputy Director of Education.
- Prof. Ashwini Deshkar and Prof. Sachin Patil participated in Teachers'Training Workshop organized by Indian Meteorology Department (30th Aug. – 1st Sep.2018).
- On 5th October 2018 Vice- Principal Prof. Ravindra Ingole participated in the meeting of the Principals regarding the new examination pattern which was organized by Maharashtra State Board of Secondary and Higher Secondary Education.
- 1st September to 15 th September 2018 Clean India Fortnight was observed. Vice-Principal Ravindra Ingole administered the oath of cleanliness and guided the students regarding the same. As a chief guest Prof. Dr. Sudhir Ujlambkar gave speech on "Education, work and contribution of Dr. A.P.J. Abdul Kalam."
- Students of XI and XII participated in "Green Peace Environment Competition" convened by "Indian Institute for International Studies and cultural exchange", and organized by Shivaji Foundation Society, Jaipur (Rajasthan). Vaibhavi Mudliar XI J student scored 82 % marks and got silver medal. Principal Dr.R.Z.Zunjarrao and Mrs.Shreya Nadkarni (Dugal) awarded with Silver medal at National level,
- On 15th Oct. 2018 a programme was organized on the occasion of the birth anniversary of Dr. A.P.J. Abdul Kalam.
- On 31st October 2018, the 141st Birth Anniversary of Sardar Vallabhbhai Patel and Rashtriya Ekta Diwas (National Unity Day) was celebrated. The teachers and a large number of students were present on the occasion.
- Vice- Principal Prof. Ravindra Ingole participated in the Meeting of Principals held at Zeel Education Society, Narhe, on 29th Nov.2018.
- The International Day of Persons with disabilities was observed to promote the rights and well-being of persons with disabilities in all spheres of society and development, and to increase awareness of the situation of such

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persons in every aspect of political, social, economic and cultural life. Deputy Collector Sou. Asmita More, Senior Police Inspector Shri. Appasaheb Waghmale, Tahasildar Sau. Asha Holkar, Vice-Principal Prof. Ravindra Ingole, Prof. Shubhangi Puranik and a large number of students with disabilities were present.

- On the occasion of International Day of Persons with Disabilities, the Vice President of India Shri M. Venkaiah Naidu conferred the National Award to Prof. Sou. Jyotsna Ekbote (Chairman of Local Management Committee), for the Best Accessible Website, an outstanding achievement towards empowerment of Persons with Disabilities at a function in Vigyan Bhawan, New Delhi.
- 63rd Mahaparinirvan Diwas of Dr. Babasaheb Ambedkar was observed on 6th December 2018.
- Pune Half Marathon: On 9th Dec.2018 Dr. Prof. Vaishali Aher, Prof. Dipak Kute, Prof. Valmik Wagh, Prof. Sachin Bhondave along with NSS students participated in Pune Half Marathon at Balewadi.
- Prof. P.M. Sambare, Prof. Dr. Vaishali Aher, students Miss. Dipika Mane and Miss. Shruti Kamble participated in 'The State Level Leadership Development Camp' organised by NSS at Shirdi, Ahmednagar.
- Entrance Exam: Prof. Umesh Gawali, Prof. Manisha Mandhare and Prof. Dr. Kiran (Modern College of Physiotherapy) conducted the guidance session regarding the Medical & Engineering Entrance Examination for the students of std. XII on 15th Dec.2018.
- 52 students of Modern College participated in The International Company Secretary Olympiad (ICSO) held on 20th Dec.2018.
- NSS conducted seven days Special Winter Camp at Z.P. Primary School, Kondhapuri, Shirur. Programme Officers, Advisor, Dist. Coordinator, Teachers along with 50 students and non-teaching staff participated actively.
- Prof. Bhakti Walvekar-Kapre organised the Sanskrit Spoken Session on 19th Jan. 2019.
- Miss. Shraddha Bodke got an exemplary certificate for Sanskrit Oratory Competition oraganised by Tilak Maharashtra University, Pune. Dr. Gajanan Ekbote, President of Business Council, Progressive Education Society, paid tribute to the Martyrs who were killed in Pulwama Terror Attack on 18Feb.2019. Teaching and non teaching staff along with large number of students were present for the condolence meeting.
- International Mathematics Olympiad : Sameer Shripad Jahagirdar XI C- Gold medal,Harshal Dinesh Diwate XII C – Gold medal. Akshay Deepak Dalvi XI C-Silver medal, Ronit Anand Ghia XI F–Bronze medal,Total 37 students participated in this competition and was organized by Prof.Mrs.Latika Choudhari.
- Chhatrapati Shivaji Maharaj Jayanti was celebrated on 19th Feb.2019 Progressive Education Society's Secretary and Vice-Principal Prof. Shamkant Deshmukh and Principal Dr. Rajendra Zunjarrao inspired the students by telling them about Shri Chhatrapati Shivaji Maharaj.
- An essay and Painting Competition based on the life of Chhatrapati Shivaji Maharaj was organized on behalf of Pune Municipal Corporation, Pune. The prizes were distributed to the participants. On 23rd and 24th Feb. 2019 Prof. Walmik Wagh attended 'Project Officer's State Level Workshop' organized by National Service Scheme (NSS) and Technical Education Department, Maharashtra Government. He also participated in a two days workshop of Saksham Yuva Samarth Abhiyan.
- Prof. Ravindra Ingole retired from service on 28th Feb.2019. He served as the Vice-Principal of Modern College.
- From 1st March,2019, Prof. Sunil Doiphode is appointed and working as the Vice-Principal and Prof. Ravindra Ingole as 'Officer on Special Duty.'
- 325 student players participated in team and individual events at the Inter school and other competitions organized by District Sports Officer & Municipal Corporation. Alisabir Tamboli was selected for International Triple Jump event.
- Our students achieved medals as follows.
  - ❖ Interschool competition: 43 Bronze, 92 silver, 150 gold, total 285,
  - ❖ Interzonal competition: 31 Bronze, 26 silver,40 gold, total 97,
  - ❖ State level competition: 3 Bronze, 2 silver,10 gold, total 15,
  - ❖ National level competition: 2 gold, International competition: For Gold-1 participation .
- Miss NIkita Shankar Bahirat XII won 5th Prize in State level Poetry competition which was organized by Maharashtra Kamgar Sahitya Parishad & Lions Club Bhosari on the occasion of Birth Anniversary of G.D.Madgulkar.

- Ravindra Nagesh Shinde Std.XI student won 3rd prize in Sambhaji Maharaj State level elocution competition organized by C.T.Bora College, Shirur.He won First prize in Poetry writing and Prize for Best presentation in poetry reading organized by Akhil Bhartiya Marathi Sahitya Parishad and Tejaswini Institute.

  He also participated in elocution competition for 'Chhatrapati Trophy 2019' and won first consolation prize which was organized by Vande Mataram organization,Pune.He also won consolation prize in 'State level poetry reading competition', organized by Marath Boli, Pune.

Competitive Exam Report 2018-19

Science Olympiad Foundation

Total registrations :

20-12-18 – ICSO – XI -36, XII - 19 – Staff Incharge : Mrs. Reeja Nair

01-11-18 – NSO – XI -10, XII – 05 – Staff Incharge : Mrs. Ashwini Deshkar

04-12-18 – IMO – XI-35, XII- 08 – Staff Incharge : Mrs. Latika Choudhary

04-10-18 – IEO – XI –08, XII – 11 – Staff Incharge : Mrs. Ann Joy

Result

International Company Secretary Olympiad

XI 1) Gold medal - Kaushal Saurabh Shah
2) Silver medal - Roshan Arvind Chauhan
3) Bronze medal - Sagar Angad Yadav

XII 1) Gold medal - Samyak Nilesh Chordia
2) Silver medal - Manav Sanjay Shirode
3) Bronze medal - Shraddha S.Kalmitra

National Science Olympiad

XI - 1) Gold medal - Pranali P. Awhale
2) Silver medal - Sanmitra S. Suryawanshi
3) Bronze medal - Priyanka V.Nikam

XII - 1) Gold medal - Vaibhav V. Buwa

International Mathematics Olympiad

XI - 1) Gold medal - Sameer Shripad Jahagirdar
2) Silver medal - Akshay Deepak Dalvi
3) Bronze medal – Ronit Anand Ghiya

XII 1) Gold medal - Harshal Dinesh Diwate

International English Olympiad

XI 1) Gold medal - Khushi S. Indani

XII 1) Gold medal - Rutuja Rokade
2) Silver medal- Vaibhav U. Buwa

1. Rohit Ghiya (Std. XI) won Brain Bee 2019 Pune regional competition at Noble hospital and selected for next national level competition at Chennai.
2. Std. XI-D students Kirti Wayase and Pranali Awhale received consolation prize for intercollege project presentation held at Marathwada College.

   Prof.Manisha Mandhare of Botany Department worked as the Coordinator for these activities.

Prof. Ravindra Ingole Vice Principal (Retd.) OSD

Prof. Sunil Doiphode Vice-Principal

Library

This year library has added 1662 books in the library during 1st April 2018 to 31st March 2019. Now there are 103000 books in the library.

3415 books added under following sections:

1. Jr. Wing - 280
2. Sr. Wing- 736
3. Non-Grant-227
4. Donation- 419

- We are grateful for the donation of books received from: Dr. G. R. Ekbote, Dr. R. S. Zunjarrao, Dr. S. K. Ujalambkar, Dr. Mukund Mahajan, Prof. Narendra Naidu and Yogada Sansthan Pune
- Total 49 books were purchased in the BCUD research schemes of following staff members: Dr. Deshmukh S. S.[Economics], Prof. Sonawane Amit[Geography] and Prof. Chaudhari S. R. [Electronics].
- We have 117 print journal & magazines in the library. There are 3 databases and N-LIST database has included 30, 00,000 e-books in their database. We have created Login ID for NDL (National Digital Library)
- We are also institutional member of following libraries:

1. Jaykar Library, SPPU, Pune
2. Library of Gokhale Insititue of Economics, Pune

- Nine research articles, one thesis of research scholars in the college and from outside were evaluated through "Turnitin" software which is an anti-plagiarism software prescribed by Savitribai Phule Pune University.
- 12 Students worked in the library under Earn & Learn scheme of Savitribai Phule Pune University. 56 students availed the book bank facility from the library in the year 2018-19.
- Selected books for girl students are kept in the ladies room of college, and books related to competitive examinations are kept in the separate classroom for students preparing for such examinations. Internet and Digital library

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facility is provided for staff & students. Audio books are provided to blind students. Wi-Fi facility for students is provided in the reading hall. There is two storied Reading Hall separate for girls and boys. General / Extra reading facility is provided on every Saturday except examination period.

- Apart from Teachers and Students of Modern College of Arts, Science & Commerce, Shivajinagar, Pune-5; Library also offers membership to Scholars and Researchers.

Library Activities during 2017-18

1. Vachan Prerna Din of newly purchased books was organized on 15 October 2018
2. Other library activities performed during 2017-18 were as follows:

No.	Activity Title	Activity Date
1.	14 hours reading	13.04.2018
2.	Anti Terrorism Day	21.05.2018
3.	Sanvidhan Divas	26.11.2018
4.	Shahid Din	23.03.2019

3. Birth Anniversary of great national leaders and thinkers declared in Government of Maharashtra list was celebrated in the library. This includes:

1. Mahatma Jyotirao Phule Jayanti - 11 April 2018
2. Dr. Babasaheb Ambedkar Jayanti - 14 April 2018
3. Basveshwar Maharaj Jayanti - 18 April 2018
4. Shahu Maharaj Jayanti - 26 June 2018
5. Shahir Annabhau Sathe Jayanti - 1 August 2018
6. Vallabhbhai Patel Jayanti - 31 October 2018
7. Jijau Maasaheb Jayanti & Swami Vivekananda Jayanti - 12 January 2019
8. Netaji Shubhashchandra Bose Jayanti - 23 January 2019
9. Chhatrapati Shivaji Maharaj Jayanti - 19 February 2019
10. Yashwantrao Chavhan Jayanti - 12 March 2019

Mrs. Sukhada Pandkar

Art Circle

Inauguration: On 08th August 2018.the activities of Art Circle were inaugurated by the famous actress, Mrs Sharvari Lohokare. This program was inauguration of Art Circle for academic year 2018-19 and Prize distribution of the academic year 2017-18. Modern Rotary Club was also inaugurated. Authorities from Rotary Club of Shivajinagar were present. Mrs Sharvari Lohokare guided our students about Career in film industry.

Kala Saptaha: A week of various competitions was organized for identifying the talent of students. The week was celebrated during 17th September 2018 to 19th September 2018. We organized Solo acting, instrumental music, poster painting, dance, Mehandi, Rangoli, story telling and Play reading and singing competitions. Our Art circle members Prof(Mrs)Renu Bhalerao, Prof(Mrs)Archana Apte, Dr. Vaishali Aher, Dr. Manda Admane, Prof(Mrs)Vandana Joshi, Prof(Mrs)Rupali Aher, Prof(Mr) R. L. Dabhade, Prof(Mrs)Shweta Javale, Prof(Mr) V.B. Suryavanshi, Prof(Mrs.) Sheetal Patil, Prof(Mrs)Trupti Gohad, Prof Miss Varada Sahastrabuddhe, Mrs Swati Patwardhan, Mr.Ingale Shivraj, Mr T.G. Gandi, Mr. Vijay Gogavale, Mrs. Mangala Salunkhe were in the organizing team.

Rotary Club Shivajinagar, Pune sponsored the cash prizes of Rs.5000/- for "Kalasaptah". Also club provided us renowned judges for this competition.

Workshop/Auditions

1. In the month of July, selection workshop for Purushottam Karandak was conducted by our Drama group students. Saurabha Zunjar, Chinmay Tipnis, Anagha Kakade, Parth Kulkarni conducted this three day workshop.
2. There was also a workshop held by dance group in the month of August. There were many college students who showed enthusiasm for this workshop. These students were further selected to compete in inter-college competitions.
3. Music Workshop for various competitions was conducted by our students. More than 50 students were present for this workshop.
4. This year for the first time Art Circle and Department of Languages (English, Marathi, Hindi) conducted a one day workshop on 26th Feb.2019, in collaboration with Department of Cultural Affairs, Govt. of Maharashtra. The workshop was about hands on training on Poem, literature writing and Music. Resource persons for this workshop were provided by Department of Cultural affairs, Govt of Maharashtra. Mrs.Kasturi Paygude (Music), Mr Sharad Paygude (Music), Reshma Karkhanis (Poetry), Mrs. Nikita Bhagwat (Writing), Mr. Narendra Pathak (Writing), Mr. Rahul Ghorpade (Music), Mr. Vijay Utekar (Poem), worked as resource persons.

This workshop was organized to mark the birth centenary year of three great personalities in the field of literature and music : P.L.Deshpande, G.D.Madgulkar and Sudhir Phadke .

Prof Ashok Kamble (Elect.) worked as coordinator for this workshop. The members of our staff, Prof. Alka Kamble, Dr, Neeta Patil, Prof.

Renu Bhalerao, Dr, Vaijayanti Jadhav, Dr.Vaishali Aher, Dr. Apene (Marathi), Prof Ravi Dabhade, Prof Varada Kulkarni, Dr.Prerana Ubale, Mr.Shavalkar, Mrs Swatee Patwardhan worked as a organizing committee members for this workshop.

This workshop was successfully organized and conducted under the guidance of Principal Dr R.S. Zunjarrao, Vice Principal Dr Amruta Oke, Vice Principal Prof S.R. Choudhari and with the valuable cooperation of the heads of language departments.

Dhol Tasha Pathak: Our Dhol-Tasha Pathak performed "Dhol-Vadan" , which was highly appreciated.Also, this Dhol-Tasha Pathak was involved in procession of "Shiva Palkhi" organized by some students of our college on Traditional Dress Day.

- **Intercollegiate Drama Competition:** Students from our college participated in various intercollegiate drama competitions and won prizes in the following competitions .

a. **Suman Karandak** (One act Play reading Intercollegiate competition):

b. **Purushottam Karandak:** One act Play " Rasik" written and directed by Anagha Kakade. Anagha Kakade won Best Actress Award. Also this One Act Play qualified for the finals.

c. **Vinodottam Karandak:** One act play" Pimple Satyavan" and "Dav" were presented in this competition . Aditya Tathe and Vajrang Aphale directed these plays respectively.

d. **Firodiya Karandak 2019:** Group of 29 students participated in this competition. Successively second time in the history of our college our team entered in Final round of Firodiya Karandak. Next year (2020) we are eligible in Primary round of Firodiya Karandak directly. One act play "The Great Indian Show", was presented in this competition.

e. **PNG Sangli:** One act play "Rasik" was presented in this competition.

Intercollegiate Dance Competition:

1. COEP Pune (IMPRESSION) : First and second prize for group.: Rs. 8000/- and 5000/-
2. Infinity (Wadia college) : First :Rs. 6000/-
3. Mood Indigo (IIT Mumbai) : Second Prize : Rs.12000/-

Team members of Dance were, Omkar Dhomase, Shruti Ambapkar, Anushka Dey, Atul Salve, Aman Rathod, Pravin Vishwakarma, Swapnil Yadav ,Rutuja Pedram,Shradha Roy Gupta.

This year college provided us a new set of Drums and Synthesizer.

Intercollegiate Music Competition:

1. COEP (Impressions) Shivaji Nagar Pune - First Prize (Rs.14000/-).
2. Mood Indigo (Mantra) IIT Pawai Mumbai - First Prize (Rs.25000/-).
3. SIMC (Neon) Lavale Pune - First Prize (Rs.14000/-).
4. Symbiosis (Equaliser) S.B Road Pune - First Prize (Rs.7000/-).
5. MIT (Aarohan) Kothrud Pune - First Prize (Rs.25000/-).
6. Sinhagad Institute (Ages of Rock) Lavale Pune - Second Prize (Rs.50000/-).
7. Flame University (Battle of band) Lavale Pune – Honourable Mention

Team Members - Aditya Jadhav, Rushikesh Jadhav, Paritosh Sangle, Rajat Mukerjee, Dyneshwari katkar, Paritosh Thakar, Sairaj Pillay, Sanika Tatke, Yashraj awekar, Gauri Deshpande.

We thank our Principal Dr. R.S. Zunjarrao and all Vice Principals Dr Amruta Oke, Dr.Ashok Kamble, Prof. S.R. Choudhari 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. Shavalkar, Mr. Dhananjay Shendkar, Mr. Amol Ghane, all non teaching staff of college and members of Art circle for their active support.

Prof. Ashok V. Kamble(Electronics)

Chairperson

Best Student Trophy Committee

"A teacher's purpose is not only to create student in his own image but also to develop students who can create their own image."

With the above purpose the Best Student Trophy Committee introduces the competition to come across 'The Best' among more than 10,000 students in the college. The competition aims at selecting the best student from junior, senior and post graduate wing.

"Excellence is the gradual result of always striving to do better." This year we have conducted the whole process completely online keeping in mind the transparency of the procedure. We are thankful to Dr. Anjali Sardesai, IQAC coordinator who helped us to prepare the application form and also put all updates regarding notifications of process of best student trophy contest on website of our college.

Our committee members gave the information about this trophy in each class. In response we received total 173 applications from students. Our committee members Dr. Sheetal Pardeshi, Prof. Kiran Kulkarni, Prof. Reeja Nair, Prof. Latika Chaudhari, Prof. Ann Joy, and Prof. Fernandes analysed and scrutinized all forms systematically. Prof. P. V. Gadagkar Dr. Arti Goggi and Dr. Shilpa Dange prepared the final list of shortlisted students. Prof. Umesh Kothawade helped in downloading documents of students.

The following students were shortlisted for final round:

Junior Wing: Akshay Dinkar Kakad(11th Div. G), Sanskruti Chandrashekhar Shelar(11th Div. G), Rohan Dnyaneshwar Salunkhe (11th Div. D), Shraddha Ashok Bodake (11th Div. G), Pooja Bhikaji Patil (11th Div. D)

Senior Wing: Sohan Shashikant Sawant (F.Y. B. Com Div. C), Sejal Sandeep Palkar (F.Y. B. Com. Div. A), Ruchika Santosh More (T.Y. B. Sc. Maths), Himani Dhyani (S.Y. B. Sc. Div. C), Bishwarup Sarkar (T.Y. B. Sc. Micro)

Post Graduate Wing: Deveshri Mahendra Sonar (M.Sc.II Micro), Santaji Baban Chavare (M.Sc.I Micro), Tejashri Vijaykumar Tambe Chavare (M.Sc.I Micro), Bhavana Madanlal Dangi Chavare (M.Sc.I Micro), Ratna Someer Pal (M.Sc.I Micro)

The shortlisted students were called for personal interview and group discussion on 5th January 2019 at Gymkhana department. Committee members Prof. Bhakti Walvekar, Prof. Prajkta Sabane and all others with help of non teaching staff Mr. Janardan Gaikwad had done all the arrangements.

The panel of judges judged the students on the basis of confidence, personality, communication skills, general knowledge, their perspectives etc. Also for each wing, students were told to select the topic for group discussion from given topics. The selected topics by students were:

Junior Wing: **Child's Ability and Parent's expectations in Career,** Senior wing: **Education and Google,** Post Graduate wing: **Should there be uniformity in the education system**

We are thankful to all judges of respective wings who have assessed, analyzed each candidate from all aspects for the best student.

The best students declared from junior, senior and post graduate wing are:

Junior Wing: Rohan Dnyaneshwar Salunkhe (11th Div. D)

Senior Wing: Ruchika Santosh More T.Y.B.Sc. (Mathematics)

Post Graduate Wing : Deveshri Mahendra Sonar M.Sc. II (Microbiology)

On 10th January 2019, a grand felicitation ceremony was conducted in the assembly Hall. The function was presided by our Principal Dr. R. S. Zunjarrao and the chief guest was Dr. Shrikant Gabale, Director of Unity Geospatial LLP, who was also the best student of 2007-08 from senior wing. Parents and friends of the Best student were also invited for this ceremony.

Dr. Gabale felicitated the best students by 'Excellence Trophy'. Also the remaining shortlisted students were given certificates. He also promised to extend his support to students as and when needed. Heads and faculties of various departments also attended this ceremony to encourage students.

The entire program was compered by Dr. Sheetal Pardeshi who briefed the entire process to the chief guest. Prof. P. V. Gadagkar introduced the chief guest to the parents and students. The trophy winners expressed their experiences and feeling on being awarded the Best student Trophy. The program was concluded by Prof. Reeja Nair by expressing gratitude and thanks.

The best students attended the 9th Indian Students Parliament which was held in MIT School WPU Pune. The registration fee for this conference was sponsored by the college. **Our college gifted blazers to the trophy winners, in the annual prize distribution ceremony.**

- The best student from **Junior Wing** received **"College Trophy" and "Late Jyotsna Godbole Cash Prize".**
- The best student from **Senior Wing** received **"Damodar Shield" and "Veer Savarkar Cash Prize".**
- The best student from **Post-Graduate Wing** received **"Late Prof. G. M. Bansude Trophy".**

Our Best Student trophy winners organized 'Sankalp Vyakhyanmala' along with the students from various departments across college and in coordination with the students from Jnana Prabodhini and NSS Department on 1st and 2nd February 2019. The talks of eminent personalities were arranged in this program. The speakers were Mr. Prashant Patil (IRS, Deputy Commisioner, GST, Pune Commissionerate), Mrs. Meera Badve (Founder of Nivant Andh Mukt Vikasalaya) and Mr. Vivek Velankar (Director, Sajag Nagrik Manch/RTI Activist).

This year we have formed a Whatsapp group of our best student alumni. Our past best students

are well placed in the society and are ready to extend their support for the enrichment of students of our college. Our alumni are enthusiastic and more than willing to conduct programs for guiding our current students.

The Committee is extremely thankful to Principal Dr. R. S. Zunjarrao, Vice principal and committee in charge Prof. S. R. Chaudhari, Panel of Judges, the Staff members and the Students for their whole hearted support and encouragement. The committee also acknowledges the cooperation of the teachers, non - teaching staff of the Gymkhana Department.

Prof. Pooja Paratane
Chairperson

Film Club

This year also the Film Club has supplemented the science syllabi with the appropriate documentaries and films. Some of the films shown were as follows:

1. Private Life of Plants - This documentary describes the growth of plants from a small seedling to huge rainforest trees. Three episodes of this documentary, Growth, Migration and Living Together were screened for M.Sc. Botany students.
2. Plant Kingdom - A film in three episodes made by BBC. This documentary is narrated by Sir David Attenborough who describes various events in the life of plants. The documentary is filmed at the Royal Botanic Garden, Kew, London.
3. David Attenborough's Natural History Museum Alive 2014 - The documentary was filmed at the Natural History Museum, London, and uses CGI imagery to bring to life several of the extinct animal skeletons in the museum.

Apart from these, a documentary on Greenhouse Technology was screened for the students of F.Y.B.Sc. Div B. Many short films based on the subject Industrial Botany were screened for these students. The relevant videos from YouTube were also included for the same purpose.

The students of M.A. English are expected to study Othello and Macbeth as a part of their syllabus. Films based on these dramas were screened exclusively for these students.

Dr. R. B. Barmukh
Chairman

NCC

(ARMY AND NAVY)
ARMY WING: 36 MAH BN NCC

NCC Army Wing of our College undertook various activities in the year 2018-2019 under the leadership of CTO Santosh Gopale sir and SUO Atharva Deshmukh, and also participated in various camps.

Achievements of ANO:

1. Dr. K.D.Gopale got selected as a CTO for Army wing.

Participation of cadets in national camps:

1. JUO Aamod Kale participated in GV Mavlankar Inter Dte Shooting Championship From 2nd Jun 2018 to 16th Aug 2018.
2. CPL Radheshyam Ambure participated in Rock Climbing Camp From 1st Nov to 12 Nov 2018
3. CSM Bhiva Madne participated in EBSB 1
4. CDT Jotshna Tripathi . participated in EBSB 2 from 22nd Dec. to 2nd Jan 2019
5. CDT Pushpendra Singh Pal participated in TSC Delhi from 24th Jun to 28th Sep 2018
6. CDT Shreenath Kute participated in Sucba Diving Camp Mumbai from 22nd Jul to 11th Aug 2018
7. CDT Abhishek Waghmare, CDT Pushpendra Singh Pal, CDT Aakash Pacherkar, CDT Ved Kanojia participated in *Swastha Bharat Abhiyan's Cyclothon* -Pune to Shirur (70kms) from 4th Jan 2019 to 8th Jan 2019.
   Cdt Salma Inamdar participated in Inter group competition-in the TSC-IGC camp at Amravati.

The following number of cadets participated in CATC

CATC-708	SD	SW
CATC-709	SD	SW
CATC		
CATC-711	SD	SW

- At CATC-708 we won first prize in drill competition, second prize in tug of war & 2 cadets won gold in debate competition.
- At CATC-709 CC and PO CDT won silver medals in firing and PO and CDT won silver medal in debate.

Social Activities:

1. Yoga Day (College Assembly Hall and NCC Group Headquaters)- 21st June 2018
2. Tree Plantation -1st Jul 2018, Warje Malwadi
3. Swachh Bharat Abhiyan- 2nd October 2018 and 4th December 2018
4. Blood Donation- 8th December 2018
5. Environment day Rally- 5th June 2018

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6. Traffic Awareness Rally- 15th June 2018
7. Aids awareness day- 30th June 2018
8. Guest lecture on Save water by Makrand Tillu and by Lila Poonawala on Personality Development -21st July 2018
9. Paraplegic center -10th Aug 2018
10. Swachh Bharat Rally at Modern College , Pune. – 22nd Sep 2018
11. Ryla program (Rotary Development Program) -12th Dec 2018
12. National Stakeholders Consultation on Safety of Women and Children Organized by Pune Police -11th Jan2019

Other Activities

1. Our Cadets participated in Pune Half Marathon held at Balewadi on 21st December 2018 .
2. Our division conducted Trek & Trail from Malwali –Lohagad- Tikona fort- Kamshet.

NAVY WING : 3 MAH NAVAL

NCC Naval Wing of our College undertook various activities and also participated in various camps, in the year 2018-2019 under the leadership of Lt. A.V.Kamble and Cadet Captain Kulkarni Anurag.

Achievements of ANOs:

1. Lt. Ashok Kamble (ANO) Navy, successfully completed a refresher course for promotion at OTA Kamptee , Nagpur.
2. Lt. Ashok Kamble(ANO)Navy, was selected as a Vice-President of "Maharashtra State ANO Welfare Board" ,.
3. Lt. Ashok Kamble(ANO)Navy attended a National conference of "All India ANOs Welfare Board", at Kolhapur.

Cadets Strength of Navy Division :

No.	NCC year	Cadets SD	Cadets SW	Total cadets
1.	III	07	04	11
2.	II	15	05	20
3.	I	15	04	19
				50

Participation of cadets in National camps

8. One Cadet participated in AIRDC-2019(All India Republic Day Camp) held at New Delhi from 26th Sep 2018 – 30th Jan 2019.
   Cdt. Akashta Pardeshi :- Best Cadet Maharashtra.
9. Two Cadets participated in AINSC-2018 (All India Nau Sanik Camp) held at Karwar from 03rd Aug – 24th Oct 2018.
   PO. Cdt. Ganesh Belhekar :- Gold Medal (Ship Modeling)
   Ldg. Cdt. Onkar Raut :- Best Cadet Maharashtra and was selected for overseas deployment to Mauritius ,South Africa, Seychelles.
10. PO. Cdt. Devika Saraf participated in AIATC-2019 (All India Annual Training Camp) held at INS Ezimala, Kerala from 08th Jan- 19th Jan 2019 and won Silver medal in cultural.
11. LDG.Cdt. Prasad Dubley participated in BLC-2019 (Basic Leadership Camp) held at Amaravati from 2nd Jan -11th Jan 2019.
12. LDG.Cdt. Atish Kamble and Cdt. Nagnath Pawshe participated in Scuba diving camp held at Mumbai from 22nd Jul – 11th Aug 2018.
13. LDG.Cdt. Mayuri Kesharkar and Cdt. Shraddha Ahir participated in EBSB held at Aurangabad from 17th Dec. -28th Dec 2018.

Participation of Cadets in Inter group competition-

1. Cdt . Akshata Pardeshi participated in NSC-IGC at Pune and won gold medal in Health and Hygiene competition.
2. Cdt Omkar Raut participated in NSC-IGC, Malvankar West Zone shooting competition at Pune and Baroda and won Gold medal in Firing and Drill.
3. Ldg.Cdt. Jojo Joans participated in NSC-IGC and won silver medal in Semaphore and Health and Hygiene. He also participated in Yachting Regatta at NDA Pune .
4. Cdt Harshal Mahajan participated in NSC-IGC at Pune and won Gold medal in Drill
5. Cdt Ayush Unde participated in NSC-IGC at Pune and won Gold medal in Drill
6. Cdt Schin Bhubal participated in NSC-IGC at Pune
7. Cdt. Aditya Bjujbal participated in NSC-IGC at Pune
8. Cdt Dhanesh Mapari participated in NSC-IGC at Pune and won Best Cadet trophy .

The following number of cadets participated in CATC

CAMP No. of Cadets Prizes

CATC-708 10

1. First prize in drill competition
2. Second prize in tug of war
3. 2 cadets won gold medal in debate competition

CATC-709 06

1. CC & PO CDT won silver medals in firing
2. PO and CDT won silver medal in debate

CATC-711 07

Cadets participation in Social Activities.

1. Yoga Day (College Assembly Hall & NCC Group Headquaters) - 21st June 2018 – 29 cadets

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2. Tree Plantation -Warje Malwadi - 1st Jul 2018 – 42 cadets
3. Swachh Bharat Abhiyan - 2nd October 2018 and 4th December 2018 – 40 cadets
4. Blood Donation - 8th December 2018 – 27 cadets
5. Environment day Rally 5th June 2018 – 29 cadets
6. Traffic Awareness Rally 15 June 2018 – 29 cadets
7. Aids awareness day 30th June 2018 – 29
8. Guest lecture on Save water by Makrand Tillu, Lila Poonawala on Personality Development 21 July 2018 – 40 cadets
9. Paraplegic center visit : Disabled soldiers 10 Aug 2018 – 34 cadets
10. Swachh Bharat Rally at Modern College, Pune. - 22 Sep 2018 – 34 cadets
11. Ryla program (Rotary Development Program) 12 Dec 2018 – 40 cadets
12. National Stakeholders Consultation on Safety of Women and Children Organized by Pune Police - 11 Jan2019 – 05 cadets
13. Polio eradication program 10th March 2019 – 10 cadets

Other Activities

1. Army and Navy wing conducted Alumni meet of our former cadets of our college.
2. Our Cadets participated in Pune Half Marathon held at Balewadi on 21 December 2018.
3. Our division conducted Trek & Trail from Malwali –Lohagad- Tikona fort- Kamshet.
4. Ldg.Cdt. Rutvik Chandorkar secured second place in WSSM pro climber selection and is selected for Maha State Board racing team.
5. FY cadets participated in Navy Marathon 2018 held at WNC Mumbai .

Special Achievements of our cadets:

1. Cdt. Makrand selected through NCC entry in Indian Army as an Officer.
2. Cdt. Abhishek Gosavi got selected through NCC entry in Indian Army as an officer.
3. Cdt. Anju Yadav got selected through NCC entry in Indian Army as an officer.
4. Cdt. Pranit Ware got selected through NCC reservation, in Reliance Company as a Security Officer.

This year NCC Cadets showed great efforts in the Social as well as NCC Activities. We are very much thankful to our Principal Dr R.S. Zunjarrao and Vice Principal Prof S.R. Chaudhari for their constant support and valuable guidance to NCC activities. We extend our special thanks to Capt. B.B. Yenage for his long service as an ANO(Army). He retired from NCC Army wing this year.

Lt. Ashok V. Kamble — ANO Navy Wing

Dr . K.D. Gopale — CTO Army Wing

National Service Scheme

(Senior Wing)

NOT ME BUT YOU

Regular Activity

- The NSS unit senior wing has a sanctioned Unit of 300 students volunteer (aided) with an additional unit of 50 volunteers (self finance unit) .Students from all the streams i.e. Arts, Commerce, Science, Computer Science, biotechnology ,computer animation, BBA and BCA voluntarily participated in this scheme. The Regular activities consisted of the following:
- **8th-9th July 2018- Cleanliness Drive:** 43 volunteers of our NSS unit cleaned the area between Shivaijinagar Police quarters and Omkareshwar temple during PALKHI procession. Principal Dr. Rajendra Zunjarrao and Vice Principal Prof. Shaymkant Deshmukh guided the students and also participated and this activity.
- **30th July 2018- Tree Plantation:** 115 volunteers participated in the tree plantation program organized by NSS unit of SPPU. Program officer Prof. Prabhakar Varade also actively participated in this activity. Vice Chancellor Dr. Nitin Karmarkar and Registrar Dr. Arvind Shaligram were present for the inauguration of this function.
- **2nd August 2018-Legal Awareness**: Advocate Sanjay Raut of DALSA addressed the volunteers regarding different government schemes and also appealed the volunteers to give the information to people of slum area Principal Dr. R. S Zunjarro also guided the volunteers on the same subject and appealed to do accordingly.100 volunteers were present for the programme.
- **8th August 2018- Eradication of Drugs:** Dr. Archana Mangalkarde addressed the NSS volunteers on the effect of drugs on human beings. She also told some real life stories about drug addiction and its effect. Dr. Nisha Bhandare

and Prof. P. S. Varade and 50 volunteers were present for function.

- **12th August 2018- Cleanliness Drive:** As a part of *'Swacha Bharat Abhiyaan'*100 NSS volunteers of our unit cleaned the college campus, 15 classrooms and 1 laboratory, library area and toilets of the college under the guidance of NSS programme officers. Prof. Nilesh Pardeshi and Dr. Manda Adamane were present for the drive.
- **14th August 2018- *Vrukhsa Dindi*:** 50 Volunteers of our unit participated in the *Vruksa Dindi* organized by forest department. It was inaugurated by local MLA Vijay Kale at Agriculture College, Shivajinagar and was completed at Fergusson college ground. The MLA appealed volunteers to plant minimum one plant at the appropriate area in the Pune city.
- **18th August 2018- Blind faith Eradication**: Miss. Mukta Dabholkar and her colleagues addressed the volunteers on this subject and appealed to the student to keep away from such bad practices in society and also to oppose them. 82 volunteers were present for the programme.
- **28th August 2018- NRD/SRD Pre- selection Camp:** On the approval by NSS Dept. SPPU , NRD / SRD pre –selection camp was held in our college for Pune district volunteers . Around 275 students from 18 colleges actively participated in this camp. All district and area coordinators were present for the camp. Ground and indoor activities were held for the participants.The NCC officer Prof. B. B. Yenge , Dr. K. D. Gopale and 20 NCC volunteers were present and guided during ground activities. Principal Dr. R. S. Zunjarrao was present during this camp and had a dialogue with the volunteers.
- **25th-26th September 2018- NSS Day Celebration:** On the occasion of NSS Day, NSS volunteers conducted an essay competition on clean India. A training programme on preparing paper bags was conducted in NSS office. Mr. Rugved guided the volunteers for this activity. The college campus and police quarters campus was cleaned by the volunteers. The volunteers also worked for 'ANTI –PLASTIC' movement.

27th September 2018- Blood Donation Camp: NSS unit in collaboration with Dinanath Mangeshkar Blood Bank organized a blood donation camp. 37 bags of blood were collected in this camp. During this camp HB checking of girl volunteers were done .It is found that most of girls students have less HB. The doctors advised the students to take appropriate diet for improving the HB.

- **2nd October 2018– Cleaning Drive:** On the occasion of **'Mahatma Gandhi and Lal – Bahaddur Shatri's** birth anniversary and to support *'Swacha Bharat Abhiyan'* the NSS volunteers cleaned few classrooms, porch, and campus of our college. After this Principal Dr. R.S. Zunjarrao addressed the students. He stressed on social responsibilities of educational institutes', cleanliness of mind and zero garbage campuses. The oath of Cleanliness was given to the volunteer and function was concluded by prayer. All the program officers were present for this activity.
- **26th November 2018 – Sanvidhan Day Celebration:** On this occasion our Principal Dr. R. S. Zunjarrao addressed the staff and students on the importance of this day. A Pledge was taken by everybody who was present in the hall. P.O. P.S. Varade, Library staff, Prof. Dr. Manda Admane and 40 students were present for this programme.
- **7th December 2018- Blood Donation Camp:** The second time blood donation camp was organized in collaboration with HDFC bank and KEM blood bank. 51 bags of blood were collected in this camp. Dr. Dhumal and his team worked for this camp. Principal Dr. R. S. Zunjarrao also visited the camp and had dialogue with the donors.
- **31st December 2018 –Street Play:** To create awareness in the society regarding 31st December celebration. A group NSS volunteers performed the street play on the subject "Drink Milk and not alcoholic drink". After this a rally was held from Modern College to Devi Ahilyabai Girls School and the same street play was also performed near the school. Principal Dr. R. S. Zunjarrao appreciated the efforts of the students.
- **1st - 5th January 2019- Survey on City Cleanliness**: Modern College in collaboration with Pune Municipal Corporation held the survey on daily cleanliness of Pune city. The volunteers took the information on this subject from different parts of Pune city.
- **12th January 2019- Celebration of Swami Vivekananda and Jijamata Bhosale Birth Anniversary:** On this occasion a blood donation camp in collaboration with one NGO was held. 41 bags of blood were collected in this camp. 100 NSS volunteers participated in this camp.

On this occasion Principal Dr. R. S. Zunjarrao addressed the students.

- **13th January 2019- Helmet Awareness Campaign**: As a part of Road safety awareness campaign NSS volunteers of our college in four different groups created awareness programme on road safety. They stood at following places with self explanatory posters – Balgandharva Chowk, Dnyaneshwar Paduka Chowk. A street play on the importance of Helmet wearing was also performed by the volunteers. The volunteers promoted the use of helmet by giving rose to bikers.
- **30th January 2019-Women/Girls Safety Awareness: Programme:** Pune Police in collaboration with our college organized a workshop on Women Safety. Three Members of 'Damini Squad' were present for this workshop. They explained different techniques to protect oneself in dangerous situations. They also gave one code number for girls to call the Damini Squad. Principal Dr. R. S. Zunjarrao was present for the workshop.120 girl students attended the programme.
- **1st-2nd February 2019- Sankalp Lecture Series:** A new concept implemented by our respected Principal Dr. R. S. Zunjarro from this year- 'Activities by the students for the students'. Under this concept a group of students of our college in collaboration with NSS organized a lecture series, known as SANKALP Lecture Series. In this series three eminent speakers namely – Shri Prashant Patil, Sou. Meera Badave and Shri Vivek Velankar delivered lectures on GST, Special student care, and Right to information respectively.
- Prof. P. S. Varade was appointed as NSS, Area coordinator for Shivajinagar region.

Participation in Seminars / Camps/Meetings/ Workshops

1 Prof. P. S. Varade – 8th -10th September 2018, Worked as organizing member for State level Pre-NRD/ SRD selection camp, SPPU
2 Mr. Avishkar Jadhav & Aaba Kadam – 31st August 2018 and 8th -10th September 2018, Participated in University and state level Pre-NRD/ SRD selection camp, SPPU
3 Rugved Dengale, Sidhant Munde, Omkar Dede 28th September 2018 , Language rally, SPPU
4 Rugved Dengale, Vaishanvi Patil,Shambhavi Sahane, Vaishanavi Landage, Tanmai Bhosale, Krishna Thorat – 10th- 17th October 2018, PALVI Exhibition at Chaturshrungi – PALVI Pandharpur, Worked as volunteers
5 Rugved Dengale, Rushikesh Kokare, Rushabh Zanjurne, Chetan Bhalke – 7 October 2018, Marathon Panning and Organization, SPPU
6 Rugved Dengale, Vaishanvi Patil,Shambhavi Sahane, Vaishanavi Landage, Tanmai Bhosale, Ankita Gholap, Divya Patil, Namrata Bhandare – 29th Sepetember 2018, Meeting at Police Commissioner Office.
7 Rugved Dengale,Ashok Kale,Rushikesh Kokare – 27th-28th October 2018, SAHYOG Diwali Exhibition – PALVI, Worked as volunteer
8 Prajkta Patole, Geetanjali Pawar, Vrushabh Zanjurne, Dhanjay Patole, Pawan Gandi,Rushikesh Kokare – 1st- 3rd January2019, Clean Pune, Beautiful Pune, Pune Muncipal Corporation
9 Prajkta Patole, Geetanjali Pawar, Vrushabh Zanjurne, Pratikhsa Gadhave, Shashikant Raut, Neha Jadhav - 9th January 2019, Marathi Language Workshop, Vidyawani, SPPU
10 Pawan Gandi – 17th January 2019, Yuva Parliament, SPPU
11 Avishkar Jadhav – 17th- 27th January 2019, Republic Day Parade, Mumbai, Government of Maharashtra

Special Camp: December 2018

Saturday 15.12.2018 – *Inauguration of Camp*- The Inauguration of camp was done by Hon'ble Shri Mauli Dabhade , deputy President of Haveli Panchayat Samiti in the presence of Vice Principal Prof. R. N. Ingole, Sarpanch Sou Mandanani Sakore, Deputy Sarpanch Rahul Wagaskar, Shri Kantaram Wagaskar, Sunilbhau Wagaskar and other members of Phulgaon Grampnchyat. Shri . Mauli Dabhade appreciated the work of the college students. He also explained the role of youth in nation building. Prof. Ingole inspired the volunteers to do better work in the camp. Sarpanch Mandanani Sakore took review of the work done by the volunteers in the past year. In the afternoon the cleaning of Camp site was done under the supervision of programme officers. After that the volunteers were divided into five different group for further work and activities.

Sunday 16.12.2015 - *Cleaning Drive at Malwadi and Dattaguru temple:*

Group no 1,2 cleaned the campus of Datta gure temple and main Bazar peth of Phulgaon. Group no-3 ,4 cleaned the campus of Malwadi and prepared pit for tree plantation and also repaired the pits of some trees. In the afternoon the groups were asked to discuss on different topics such as Ban on Plastic use, Role of social media in student life etc and presentations were held during the evening meeting.

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Monday 17. 12. 2015 - *Continuation of Shramadan*
Tuesday 18.12.2015 - *Cleaning Drive at Shani Temple and Dhotre School:*

Group no 3,4 prepared a long- jump pit in the school campus which is beneficial for school students for their competitions. Group no 1,2 cleaned the campus of Shani temple. Volunteers prepared the pits of trees and flower plants.

In the afternoon Prof. Gajanan Apine delivered a lecture on ' Reading culture ' . He explained the benefits of reading habits. Prof. P.G. Dixit delivered his thoughts on role of NSS in youth building.

At night a street play was performed by 'Pimpri Chinchwad group' on superstition. After dinner a feedback session was held on the work done in whole day.

Wednesday 19.12.2015 - *Cleaning Drive at Public School and Phulgaon Bazar:*

As per the request and demand from Head, Public School of Phulgaon , 4 groups together cleaned the play ground of public school and also prepared long jump ground . All the unwanted grass was removed from the ground. Small stones were removed from the ground.

After lunch Prof. A. V. Kamble delivered a lecture on 'Start up India'. He explained the concept in depth. Students asked many questions on this topic. Prof. N. M. Naidu delivered a lecture on ' Swami Vivekanand's message to Youth'. He emphasized on the Swamiji's thoughts and his social and educational work.

At night the students organized a cultural event at Malwadi. Solo song , group song, solo dance, group dance, street play, drama were performed in this event. Ex- Sarpanch Shri. Kantaram Wagaskar, Rahul Wagaskar were present for the function. 2 students gave a *Dand Patta* demonstration. The villagers were impressed by the demonstration. District coordinator Prof. Shivaji Pacharane visited the camp site.

Thursday 20.12.2015 - *Cleaning drive at School Campus and Survey:*

Group 1-4 cleaned the Dutta temple and primary school campus as well as main road from highway to Phulgaon . After this 100 pits were prepared by the volunteers. The Sarpanch was impressed due to the substantial work done by volunteers. Few students collected information regarding the socio –economic status of the villagers.

In the afternoon Dr. Sudhir Ujalambkar delivered a lecture on ' Shoonyatun Vishwa Nirmiti' . He delivered the subject in very simple language. After this Mr. Ritesh Patil and Kaustubh Ghate guided the students on Competitive examinations. They told few steps about the preparation of competitive examinations.

At 7.30 a lecture on Shivaji Maharaj was delivered by Hon'ble Milindbhau Ekbote. He also told the story of Phulgaon and nearby area during Shivaji Maharaj's era. After the lecture cultural programme was performed by the volunteers for Phulgaon people.

Friday 21.12.2015 - *Physical Work and Send off:*

On immediate request of Gramsevak and Headmaster of Aanganwadi ,the volunteers prepared the campus for lawn and garden.

At 1.00 pm the felicitation feedback function was held. The student expressed their views about the seven day experiences in camp. The function was chaired by Principal Dr. R. S. Zunjarrao and Sarpanch Sunilbhau Wagaskar and other members of Grampanchayat.

Dr. Nisha Bhandare Prof. Prabhakar Varade

Programme Officers

National Service Scheme

(Junior Wing)

NOT ME BUT YOU

Activities / Programmes conducted during the academic year 2018-19:

- International Yoga day on 21st June 2018.
- A speech by Mr. Valmik Wagh on 11th July 2018, on :'Population Explosion in India.'
- **Independence Day:** Flag hoisting function in the college and later speech by Prof. Narendra Naidu on **"Indian Freedom Fighters"**
- A visit to "Honey Bee Research Centre was arranged for N.S.S. volunteers on 30th August 2018. This visit created awareness about self employment in volunteers.
- A lecture was organized on "Mind Power and Concentration", delivered by Prof. Mangal Pansare on 31st August 2018. Students got valuable information on concentration, stress management and mental health. 110 students participated in the event.
- **5th Sept. 2018:** Teacher's day was celebrated and a speech by Dr. Sudhir Ujalambkar on **"A. P.J. Abdul Kalam – An Ideal Teacher'** was organized.
- An oath on cleanliness was given by Principal to Vice principals, Supervisor, N.S.S. Advisor, Program Officers, N.S.S. Committee members and volunteers on occasion of ***"Swacchata Pandharwada".***

- A speech was delivered by Divisional Coordinator Mr. P.M. Sambare on "N.S.S. and Personality Development" on occasion of N.S.S. foundation day on 24th Sept. 2018. 150 volunteers were present for this program.
- Six N.S.S. volunteers : Jadhav Shivam Shrikrushna (XI), Mashayat Afsha Ilimpasha (XI), Londhe Kajal Devidas (XI), Ingale Kasturi Balasaheb (XI), Shivle Shivprasad Ram (XII) and Tope Suyash Sudhir (XII) participated in pre R.D. parade camp held at S.S.P.U., Pune from8 to 10th Sept. 2018. Mr. P.M.Sambare was Coordinator of the camp.
- 'Gandhi Jayanti ' was celebrated on 2nd Oct. 2018.
- 'Traffic Control Week' was celebrated during 14th Oct. to 30th Oct. 2018.
- Trekking at 'Vetal Hillside' (Vetal tekdi) on 8th Dec. 2018, Tree plantation and Tree conservation was done.
- 50 volunteers, program Officers Mr. V.C. Wagh and Dr. Vaishali Aher participated in Half Marathon on 9th Dec.2018, at Balewadi Stadium, Pune.
- Pre-camp visit was organized at Kondhapuri, Tal.Shirur,Dist- Pune on 12th Dec. 2018.
- Two girl volunteers: Dipali Mane and Shruti Kamble participated in 'Leadership development camp' held at Shirdi from 14th to 16th Dec. 2018. Program Officer Dr. Vaishali Aher worked as the Team leader and Mr. P.M. Sambare worked as the Coordinator for camp.
- **The Special Winter Camp** was held at Kondhapuri, Tal-Shirur, Dist- Pune, from 22nd to 28th Dec. 2018. The camp included Yoga, Guest lectures, Shramadan. Games,campus cleaning , social awareness, community development programmes , a visit to Suruchi Dairy, Oxyrich mineral water plant, Bharatratna Atal Bihari Vajpayee International School at Wabalewadi and Cultural programmes. All program officers, committee members; teaching and non-teaching staff actively participated and guided the volunteers during the camp events.
- Feedback Meeting was conducted on 31st Dec. 2018; volunteers shared their experience regarding winter camp.
- No whisky, No Beer, Happy New Year, Happy New Year!!!! Regarding welcome to New Year, program was conducted in college campus.
- N.S.S. office cleaning campaign was held on 1st Jan. 2019.
- "Savitribai Phule Jayanti" was celebrated on 3rd Jan. 2019.
- 'Swami Vivekanand Jayanti' Program was organized on the occasion of 'Youth Day' on 12th Jan. 2019.
- A program on 'Rajmata Jijabai and Netaji Subhashchandra Bose was organized on 23rd Jan 2019.
- An Eassay writing competition and Drawing competition was conducted on 18th Feb. 2019 on occasion of 'Chhatrapati Shivaji Maharaj Jayanti' under the guidance of Dr. Vaishali Aher, Sucheta Jadhav, V.V. Suryawanshi, Nanda Dindore, Ashwini Deshkar, Ashok Bobade and other committee members.
- 'Chhatrapati Shivaji Maharaj Jayanti' was celebrated on 19th Feb. 2019.

Prof. Valmik Wagh
Prof. Sucheta Jadhav
Prof. Vitthal Devadhe
Dr. Vaishali Aher
Programme Officers (NSS +2)

Planning Forum

Planning Forum is a forum which gives non-formal education to the students on current economic aspects including humanities. This Forum is the forum of the students, by the students and for the students. The students here are at the forefront and the faculty members are at the back office limiting their role to selecting the topics for competition and judging them impartially. Following activities were conducted in the academic year 2018-19.

1) **Inauguration** :
The activities of the Planning Forum were inaugurated by consultant on WTO Mr. Ganesh Hingmire on 2nd August 2018, the guests spoke on " India and Intellectual Property Rights".

2) **Essay Competition** was organised on 31/8/ 2018. The topic for the essay was 'Planning for Plastic Ban in India'. The essays were evaluated by faculty member of Economics, Miss. Ninawari Ware. The winners are :

a. 1st Prize: Rutuja Abhiman Shelke – S.Y.B.A.
b. 2nd Prize :Ajinkya Arjun Shelke – T.Y.B.Com. (D)
c. 3rd Prize : Sapna Sunil Ubale – S.Y.B.A. (B)
d. Consollation Prize : Shweta S. Suryawanshi- S.Y.B.A. (B)

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3) The Economic Quiz Competition was organised on 04/11/2019. The winners were :
1st Prize (shared) :Shantanu Shekhar Phule (F.Y.B.Com. (A) & Rohan R. Chouhan (F.Y.B.Com. (A)
2nd Prize- DeepaliDhakane (F.Y.B.Com. (D)
3rd Prize– ShrutiBhingare (F.Y.B.Com. (D)

4) Group Discussion was organised on 11/1/2019. The topics for the Group Discussion were

a. Impact of technology on jobs
b. Is India ready for cashless economy?
c. Statue of Unity: Pride or waste?
d. US trade policy: Is Trump creating world trade war?
e. Individual data privacy: Protection is more important than before?
f. Bullet train- does India really need it?
g. Merger of public sector banks: How beneficial is it?

The prize winners were:

1st Prize: Shweta Suryawanshi – S.Y.B.A. (B)
2nd Prize: Chitralekha Upadhyay – S.Y.B.A. (B)
3rd Prize: Saumi Haldar – S.Y.B.A.(B)
Consolation Prize : Pooja Bedage – S.Y.B.A.

This competition was judged by Dr. Mamta Shende, faculty of Commerce, Modern College ASC, Ganeshkhind, Pune & faculty from political science department Mr. Haridas Jadhav.

4) Mock Interview was conducted on 18/01/2019. Prof. The winners of this competition were:
1st Prize: Kshitij Joshi – S.Y.B.Com. (B)
2nd Prize: Pooja Bedage – S.Y.B.A. (B)
3rd Prize: Shweta Suryawanshi – S.Y.B.A. (B)
Consolation Prize: Eesha Joshi – F.Y.B.A. (K)
Karishma Agarwal – S.Y.B.Com. (C)
Ankita Yadav – T.Y.B.Com. (D)
Varda Maydeo – F.Y.B.A. (K)
This competition was judged by Dr. Gajanan Apine.

5) Power Point Competition was conducted on 01/02/2019. The topic for this competition were-

a. Traffic Management in Pune city.
b. Ideas of Skill India
c. Water management in cities
d. Wasteland management
e. Technology in Banking

The winners were-

- 1st Prize shared: Harish Wagh – T.Y.B.Com. (B) & Pooja Bedage – S.Y.B.A.
- 2nd Prize shared : Saumi Haldar (S.Y.B.A) & Karishma Agarwal – S.Y.B.Com. (C)
- 3rd Prize shared : Shweta Suryawanshi (S.Y.B.A) & Priyanka Patil – F.Y.B.A.
- Consolation Prize – Deepali Dhakane F.Y.B.Com. (D) & Manish Kumar – S.Y.B.A.

The Judge for this competition was faculty of Animation Science Mr. Sameer Nerlekar and Dr. Amrita Priyam.

6) Valedictory Function was held on 14/2/2019. The chief guest for the function was Dr. K.K Tripathi (Indian Economic Service), Director VaikunthNath Mehta, National Institute of Co-Operative Management, Pune-07. The guest shared his service experiences with the students.

- The above activities were encouraged by Principal. Dr.R.S.Zunjarrao, Vice-Principal Dr.Ashok Kamble, Vice-Principal Dr.Amruta Oke and H.O.D. of Economics Dr. M.M. Satam.

These activities were the results of good team work done by Prof. Ms P.B. Mujumdar, Prof. Mrs. S.A. Vartak, Dr. S.S.Deshmukh, Dr. Amrita Priyam, Mrs. Pooja Badekar & Miss. Ninawari Ware.

Prof. Dr. Abhay Shende
Chairperson

Science Association

Magazine Report:

The 'Science Association' of this college organizes various activities to fulfill curiosity of students to acquire knowledge of various scientific disciplines and provide platform for working with scientific temperament.

For the academic year 2018-2019, the inauguration of the 'Science Association' was done by chief guest Dr. Anil Lachke, Ex. Deputy Director-National Chemical Laboratory Pune on 14th September, 2018. In his motivating inaugural lecture, Dr. Anil Lachke explained the diference between the scientific terms 'Discovery, Invention and Innovation'. Students of the science faculty interacted with Dr. Anil Lachke, wherein various current scientific breakthrough and future of science were discussed. Honorable Principal, Dr. R. S. Zunjarrao also guided the students and appealed them to find science behind facts.

On 19th September, 2018 Science Association organized a lecture by Environmentalist, Mrs. Shailaja Deshpande from Jeevitnadi Initiative on 'River-Living Ecosystem'. In her lecture, Mrs. Shailaja described the importance of the preservation of river ecosystem. She also reviewed the current scenario of the water bodies present across Pune and the pollution problem generated

due to urbanization and heavy industrialization. She also shared her experiences about different initiatives taken by 'Jeevitnadi Foundation' by involving and encouraging youths to work together for environmental awareness and pollution control.

Science Association also organized a 'Career Guidance Lecture' for our UG-Microbiology students by Dr. Prafulla Shede from Department of Microbiology, Abasaheb Garware College, Pune 4. Dr. Shede has a previous working experience at National Science Foundation - Integrative Graduate Education and Research Traineeship (NSF-IGERT) Program in Multidisciplinary Approaches to Sustainable Bioenergy (MAS BioEnergy) at Colorado State University (CSU), USA. He was also actively involved in Intensive English Program at CSU. In his lecture, he guided our B. Sc. Microbiology students about various opportunities in the field of microbiology. He elaborated on exhaustive list of various courses available after B.Sc. Microbiology like M. Sc. in Virology, Food technology, Health sciences, Environmental sciences, Forensic sciences and diploma courses, and integrated courses etc. He also spoke about the career like industries, R & D, Academia, Science journalism, Legal area, NGOs. etc

The talk was very informative and beneficial for our students and faculty.

- Dr. R. M. Jagtap
Chairperson

Soft Skills Development Workshop

05th February, 2019 to 15th February, 2019

Inauguration Ceremony

On 5th February 2019 Soft Skills Development Workshop was inaugurated by Principal Dr. R. S. Zunjarrao of Modern College. Vice Principal Dr. A.V. Kamble, Chairman Dr. Vijay Gaikwad, Prof. Rahul Jadhav, Coordinator, Teaching & Non Teaching Staff were present for this ceremony.

While interacting with the students Principal Dr. R. S. Zunjarrao explained the importance of Soft Skills in Students life. Vice Principal Dr. A.V. Kamble gave best wishes for the ten days programme to the students.

Stress Management

The first session was conducted by Dr. Vijay Gaikwad on the topic Stress management. In his lectured he delivered very important information about the stress management.

One of the most effective and rewarding techniques of stress management is meditation. Meditation practice helps to let go of old patterns of stress, tension and distraction, encourages a more spacious and relaxed stats where our innate healing capacity can emerge and can inspire you to find a deeper source of real motivation to make healthy changes in your life.

Body language

This session on the subject Body language organized on 5th February 2019, conducted by Prof. Parag Shah was very interactive. Body language, sometimes called "Non-Verbal Communication," is an important tool. The way you communicate through body language can determine your success in everything from relationships to our life.

Study Skills

On 6th February, 2019 and 13 February 2019, Prof. Shradha Sakatkar delivered lecture on study Skills.**Studying smarter way** can be learned to improve your ability to better retain reading material. She taught to students how to develop study skills, academic *skill*, how to apply learning technique critically for success. She talked about the time management, learning style, note taking, reading, math, vocabulary, writing, and listening.

Visualization Techniques

The session was organized on 6th February 2019; it was conducted by Prof. Vijay Gaikwad. Visualization is imagery and mental simulation, which are used to create and describe a picture in your mind without doing the physical activity. There are many kinds of imagery. You can use simple positive images and focus on maintaining a calm center to release unwanted tension, visualizes exactly what you want your body to do and keep your thoughts positive. When you repeatedly train your action you induce physiological changes and increase accuracy you must take a little time every day to find a quiet spot ,close your eyes and just listen to yourself, breath see yourself what you want to be and see yourself moving with ease. Let everything else go and focus on your technique.

Personality Development

The session was organized on7th February 2019. Prin.Dr. R.S. Zunjarrao delivered lecture on Personality Development. He explained how the Personality is important in life. the improvement of behavioral traits such as communication skills, interpersonal relationships, attitude ethical values towards life and restoring our ethics. The person

having a good personality can move through the difficulties with more confidence. Prin. Dr. R.S. Zunjarrao lecture was very motivating.In his lecture he started with his personal experience and linked it with life of every human being , he delivered lecture with emotional touch , and added spiritual values in the development of personality.

Public speaking Skills

The session was organized on 7th February, 2019; this was very interactive session conducted by Dr. Vijay Gaikwad. Public Speaking is the process of communicating information to an audience. It is usually done before a large audience, like in college, meeting, large gathering, the workplace and even in our personal lives. Dr. Vijay Gaikwad delivered the lecture in a very lively manner with various examples and voice modulations.

Interview techniques

This session was organized on 5th February 2019, this was very interactive session conducted by Prof. Parag Shah. He taught how to answer interview questions and convince the interviewer that you are the one for the job. Practice good nonverbal communication. Dress for the job or company, listen properly, don't talk too much, don't be too familiar, use appropriate language, don't be arrogant. Studying interview techniques give the hiring team a positive impression about your ability to handle the job.

Emotional intelligence

The session was organized on 9th February, 2019 and 13th February, 2019; this was very interactive session conducted by Prof. Shradha Sakatkar. **Emotional intelligence** is about the ability to reason and solve problems based on the emotions we experience. She taught how to reorganize, understand and manage our own emotions and influence the emotions of others..

Skills for Competitive Examination

This session was organized on 9th February 2019, this was very interactive second session conducted by Dr. Vilas Kamble on *Skills for Competitive* Examination. He explained various aspect and fact about the competitive examination and focused on the skills for the success in examination. Besides the syllabus, you must make a various subjects, so that you can plan your preparation accordingly. He further said that exam aims to measure **verbal reasoning**, **quantitative reasoning**, **analytical** writing and **critical thinking** skills that have been acquired over a long period of time it is not related to specific study or subject.

C.V. Writing

The session was organized on 11th February, 2019. It was conducted by Prof. Parag Shah. A resume – sometimes called Curriculum Vitae or CV – is a summary of your education, training, work experience and skills..In this session Prof. Parag shah explained the students how to write an ideal Resume or C.V.

Creative Thinking

The session was organized on 11th February, 2019. It was conducted by Prof. Parag Shah. Much of thinking done in formal education. However, there is another kind of thinking one that focuses on explaining ideas, generating possibilities, looking for many right answers rather than just one.

In this session students were allotted different topics or Signs which already exist like Stop, Danger, No Smoking, etc. and students had to change those signs according to their creative thinking, Students really enjoyed the session and come up with creative results.

Use of ICT in Education

The session was organized on 12th February, 2019 (Session I). Dr. Anjali Sardesai delivered lecture on Use of ICT in Education. She elaborated the effective use of ICT by using various tools of computers such as power point presentation, slide preparation, use of word and excel files, animation etc. This helped the students to get an idea of the PPT preparation.

Effective use of Google and Emails

The session was organized on 12th February, 2019 (Session II).. Dr. Anjali Sardesai delivered lecture on Effective use of Google and Emails. She covered the topics how to compose mail, use of Google drive, calendar, use of google forms, and text to speech conversion, etc. This session helped the students to compose the e mails very effectively and manage their personal accounts and details.

Positive Thinking

The session was organized on 14th February, 2019. It was conducted by Prof. Varade Prabhakar. One should possess positive attitude. It does not necessarily mean avoiding or ignoring bad things instead it involves making the most of potentially bad situations trying to set best in other people and viewing yourself and your abilities in a positive light.

In this session Prof. Varade Prabhakar gave an opportunity to the students to act on few day-to-day life scenarios, which the students themselves experience in their life. Various positive messages such as counseling, sharing, speaking up with parents or friends were highlighted in the role plays.

Problem Solving Techniques

On 14th February, 2019, a very interactive session was conducted by Prof. Rahul Jadhav. In this session he taught the students how to define problem and then steps in defining and solving the problem. The most important point of *problem solving steps* is to define the problem correctly. The problem doesn't have to be a big one, but it has to be something you can convince other people needs to be and can be solved, or at least made better. Generate Ideas. Select the Best Solution. Take Action.

Mind Your Mind

On 15th February, 2019 a very interesting session was conducted by Prof. Narendra Naidu on 'Mind your Mind'. He explained the various concepts of mind and methods to understand our own mind. Through various activities he conveyed the working and functioning of the mind and also methods to control our mind.

Time Management

On 15th February, 2019 second session were conducted by **Prof. Sayali Sahasrabuddhe** on Time Management. The first, one is prioritizing your time. Then you should decide on how much the time requires and how much energy. You need to plan a time to relax and get it together. If you work out regularly your body won't be as tired and you will have less stress to deal with.

Prof. Rahul D. Jadhav Coordinator
Dr. Vijay N. Gaikwad Chairman

Time Table Committee

The Time Table Committee invited suggestions in writing from various staff members through Head of the Department and the suggestions were considered while making the time tables for the academic year 2018-2019. The problems related to allotment of classrooms to certain classes were solved with the help of the Principal, Vice-Principals and the Supervisor of the Junior College.

Subject-wise timetables of practical sessions were also prepared and displayed on time. Vice-Principal Prof.S.R.Chaudhari was of great help in this aspect and the committee is grateful to him for the indispensable role in the functioning of the committee.

The committee has successfully carried out all the tasks related to timetable in the academic year 2018-19. Necessary hall arrangements for various activities during the academic year were made with minimum disturbance to the schedule of various classes.

The college has converted Lecture Hall No.414 into a Seminar Hall. If some alternative arrangement could be made, the committee is considering not allotting this classroom for conducting lectures. Instead, this new facility will be used for conducting seminars, guest lectures and similar events.

Whenever the alternative arrangements were made for various classes, the relevant notices were displayed on the notice board in the staff room well in advance.

Dr. R.B.Barmukh
Chairman

Anti-Ragging Committee

To ensure a safe and secure environment for all in the college campus and to prevent the possibility of ragging, our college has constituted the Anti-Ragging Committee.

This committee has taken the following steps:

i. The Committee includes students' representatives in addition to members of the staff.
ii. Information about the Committee and its functions has been spread amongst the student community.
iii. Anti-ragging Vigilance squad has been formed. This squad has regular rounds in the campus.
iv. The entire college campus is under CCTV surveillance.Studenta are made aware of this fact.
v. This information has been included in the College Prospectus too. So even the parents are aware about these measures.
vi. Notices about Anti-Ragging have been displayed in the college campus.

These preventive measures have helped the Committee to avoid any untoward incident in the college campus.

- Dr. Amruta S. Oke
Chairperson and Vice-Principal

Department of Physical Education (Junior)

Achievement of students :

1 Ira Devkule – 12th
High jump – National – 1st
High Jump – State – 3rd
4*100 Relay – dist – 2nd

2 Mohini Garad – 11th
Softball – National – 1st
Baseball – Zonal – 3rd
teniquate – dist – 2nd

3 Tamboli Alisabir – 12th
Triple Jump – Inter National – part.

4 Vrushali Uttekar – 12th
3000m Running – State – Part.
1500m Running – State – Part.
Cross Country – State Asso. – 3rd
Baseball – Zonal – 3rd
Softball – Zonal – 2nd
300mt – State – part.

5 Sakshi Pagnis – 12th
Long Jump – National – part.
100m Hardals – National – part.
100m Running – State – part.
4*100 Relay – dist – 2nd

6 Janhvi Suryawanshi – 12th
Baseball – Zonal – 3rd
Softball – Zonal – 2nd
Volleyball – Zonal – part.
Ball Badmintan – dist – 2nd
Shooting Ball – dist – 2nd

7 Vaishnavi Kounchi – 12th
Ball Badmintan – National – part.
Badminton – dist – 3rd
Ball Badmintan – dist – 2nd

8 Shivani Gupta – 11th
Vushu – National – part.
Kick Boxing – State – Part.

9 Pratiksha Murkute – 11th
Baseball – State – 2nd
Softball – Zonal – 2nd
teniquate – dist – 2nd

10 Kimaya Ghatwal – 12th
200m Running – State – part.
Long Jump – State – part.
4*100 Relay – dist – 2nd

11 Sakshi Gopale – 12th
teniquate – National – part.
teniquate – dist – 2nd

12 Sakshi Yerane – 12th
400m Hardels – National – part.
4*100 Relay – dist – 2nd

13 Gaikwad Aditi – 11th
Baseball – Zonal – 3rd
Softball – State – 2nd

14 Ankur Misal – 12th
Shooting (Pip) – National – part.

15 Ishwari Dighe – 12th
Hatoda Fek – National – part.

16 Kambale Sushrut – 12th
Netball – National – part.

17 Ritik Ahir – 12th
Blindfootball – National – part.

18 saurabh Gabhale – 12th
Softball – National – part.

19 Tejas Karle – 11th
Hockey – National – Part.

20 Apurva Shinde – 12th
Mallkhamb – State – 3rd
Kusti – Zonal – 3rd

21 Rucha Pathak – 11th
Artistic Gymnastics – State – 2nd

22 Sakshi Vaman – 12th
Mallkhamb – State – 2nd

23 Ajay More – 12th
Hockey – State – Part.

24 Amit Patil – 12th
Hockey – State – Part.

25 Amrule Atharva – 11th
Hockey – State – Part.

26 Diksha Avaghade – 12th
Hockey – State – part.

27 Jit Thombaray – 11th
Hockey – State – Part.

28 Kartik Subhedar – 12th
Hockey – State – Part.

29 Pacharane Omkar – 12th
Hockey – State – Part.

30 Prajwal Kute – 11th
Hockey – State – Part.

31 Pranay Patil – 11th
Netball – State – part.

32 Prathmesh Khankar – 11th
Hockey – State – Part.

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33 Prathmesh Khopatkar – 12th
Hockey – State – Part.
34 Pratik Bhosale – 11th
Hockey – State – Part.
35 Pratik Jadhav – 12th
Hockey – State – Part.
36 Roshan Musale – 11th
Hockey – State – Part.
37 Sahil Pardeshi – 11th
Hockey – State – Part.
38 Sheelwant – 12th
Hockey – State – Part.
39 Shreyash Mahajan – 12th
Hockey – State – Part.
40 Shrungal Kulkarni – 12th
teniquate – State – part.
41 Yogiraj Nikam – 12th
Hockey – State – Part.

Prof. S.S.Bhondave- Teacher in Physical Edu.
Prof.D.S.Kute- Teacher in Physical Edu.
- Dr. P.G. Dixit- Chairman, G.M.C

Department of Physical Education (Senior)

'Hearty Congratulation'

Our college has been awarded by Savitribai Phule Pune University **"Best Sports College"** For the academic year 2018-19. It also received a trophy , 'Dr. Vasantrao Nivrutti Pawar' for the Fourth Consecutive Year. It is a really proud achievement of the department & the college.

Intercollegiate Participation

Department participated in 29 Sports activities i.e. Athletics, Cross Country, Baseball, Cricket, Cycling, wrestling, Kabaddi, Football, Handball, Volleyball, Boxing, Softball, Basketball, Weight Lifting, Power Lifting, Best Physique, Badminton, Chess, Shooting, Swimming, Ball Badminton, Hockey, Judo, Kho-Kho, Lawn Tennis, Table Tennis, fencing, Kayaking, Korfball and Netball Competitions. Similarly college participated in various Invitational Intercollegiate Competitions**. College has secured**

1st Place in Cross Country (W), Hockey(W), Volleyball (W), Baseball (W) , Netball (W), Volleyball (M), Baseball(M), Hockey(M), Netball (M)

2nd Place in Softball (M), Handball (M), Ball Badminton (M), Kho- Kho (W), Lawn Tennis (W), Softball (W) .

3rd Place in Cross Country (M), Athletics (M), Ball, Badminton (W), Cricket (W), Handball.

Details of the medals is as follows

Level of Participation	Bronze	Silver	Gold	Medal Tally
Intercollegiate	65	82	143	290
State/ Ashwmed	03	12	04	19
Inter Zonal	10	12	11	33
West Zone	10	14	01	25
All India	07	01	-	08
National	05	06	03	14
Grand Total	56	125	217	398

Sports Organization

- **Inter Collegiate Hockey (M/W):** Intercollegiate Hockey Men Women competition was organized on 1st & 2nd September 2018 at the Major Dhyanchad Stadium Nehrunagar, Pimpri Chinchwad. The tournament was inaugurated at the hands of our Principal Dr. R.S. Zunjarrao. Four teams from Pune University i.e. Pune City, Pune District, Ahemadnagar and Nashik were participated.
- **Inter Collegiate Fencing (W/M)** Intercollegiate fencing (M/W) event was organized on 2th November 2018 at the S. P. College Ground. Various teams from Pune City participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.
- **Inter Collegiate Korfball (M/W)** Intercollegiate Korftball (M/W) trial was conducted on 5th Jan 2019 at the College Ground. Various teams from Pune City participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.
- **Inter Zonal Badminton (M/W)** Interzonal Badminton (M/W) event was organized during 3rd September 2018at the College Ground. Various teams from Pune City participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.
- **Inter Zonal Basketball (M)** Interzonal Basketball (M) event was organized during 19th &20th September 2018at the College Ground. Various teams from Pune City participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.

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- **'Progressive Shree & Modern Shree' Best Physique competition 2018-19**
  'Progressive shree & Modern Shree' Best Physique competition was organized on 30th January 2019 . Competition was inaugurated at the hands of our Prof. Shamkant Deshmukh, Hon. Secretary, P. E. Society and Principal Dr. Rajendra Zunjarra. First time of history our college student Wasim Shaikh first year M. Com won the Both awards. All over Pune District 116 participant took part in this competition.
- **Late. Shankarrao Kanitkar Sports Festival 2018-19**
  Late. Shankarrao Kanitkar Sports Festival was organized on 4th, 5th & 17 January 2019. Many students from the College Participated in the tournament and the results are as follows: 1st Place Football(M), Baketball(M), Volleyball(M), & Staff members are participated and the results are as follows : **Winner:** Dodge ball , Throw ball (Women), Cricket(Men) **,** Badminton (Men) & Badminton (Women) Runner-up Volleyball(Men.
- MIT - Inter Collegiate Teaching Staff Sports Meet2018-19
  MIT World Peace University had organized India's first Inter Collegiate Teaching Staff Sports Meet in this academic year. Our college staff member actively took part in this competition. They achieved grand success in various competition as follows

Team Event

Women Throw ball Competition Winner
Women Cricket Competition RunnerUp
Men Volleyball Competition RunnerUp
Men Cricket Competition RunnerUp

Individual Event

Prof. Mrs. Madhavi Matsye Madam won Ist prize inBadminton Singles.
Prof .Mr. Vikram Phale got Man of Series Award in Cricket, & Prof. Mrs. Shraddha Sakatkar got Best Player Award in Cricket, Throwball Competition.

Sports Scholarship

The following National players received the Sports Scholarship for this academic year. The Sports Scholarship is awarded by University.

University Outstanding Sportsman Awarding Prize Money Year 2018-19

1 Priyadarshani Kokare – MA II – Volleyball – **3000**
2 Samiksha Kinikar – SYBA – Volleyball – **3000**
3 Pradnya Warekar – TYBA – Volleyball – **3000**
4 Rajvaibhav Bangar – FYBCOM – Volleyball – **3000**
5 Mrunal Sawant – FYBBA – Kayaking – **17000**
6 Mansi Sawant – FYBA – Kayaking – **5000**
7 Bemke Pranali – SYBSC – Kho-Kho – **3000**
8 Sagar Lengore – FYBA – Kho-Kho – **5000**
9 Tejas Magar – SYBA – Kho-Kho – **5000**
10 Kamshira Shinde – M.Com - I – Cricket – **5000**
11 Paras Patil – TYBSC – Athletices – **12000**
12 Abhishek Ubhe – FYBCOM – Athletices – **5000**
13 Surabhi Vedpathk – TY Comp. Sci. – Athletices – **7000**
14 Geeta Shinde – MA I – Athletices – **5000**

The following National players received the Sports Scholarship for this academic year. The Sports Scholarship is awarded by the college.

Sports Scholarship Form College

1 Abhishek Ubhe – FYBCOM – Athletices – **International**
2 Arti Bhalerao – FYBSC – Softball – **International**
3 Amruta Tribhuvan – TYBA – Ball Badminton – **National**
4 Pranav Jadhav – FYBA – Hockey – **National**
5 Satish Patil – TYBA – Hockey – **National**
6 Shubham Mahadik – FYBA – Hockey – **National**
7 Sakalain Fakir – SYBCOM – Korfball – **National**
8 Pranav Wanare – TYBBACA – Shooting – **National**
9 Disha Jadhav – MCA – Shooting – **National**
10 Rushikesh Desai – SYBA – Softball – **National**
11 Priyanka Mantri – M.Com. – Squash Racket **National**
12 Kavita Rathod – FYBSC – Softball – **National**
13 Madhuri Labade – MA I – Softball – **National**
14 Monali Natu – MA I – Softball – **National**
15 Pradnya Warekar – TYBA – Volleyball – **National**
16 Tejas Magar – SYBA – Kho-Kho – **National**
17 Solankar Pragati – TYBA – Lawn Tennis – **National**
18 Sushilkumar Patil – FYBCom – Football – National
19 Paras Patil – TYBSC – Athletices – **National**
20 Geeta Shinde – MA – Athletices – **National**
21 Surabhi Vedpathak – TYBSC – Athletices – **National**
22 Tushar Garkal – MA I – Ball Badminton – **National**
23 Bhavana Khade – S.Y.B.Com – Hockey – **National**

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24 Ankita Sapate – SYBA – Hockey – **National**
25 Pragati Banewar – S.Y.B.Com – Hockey – **National**
26 Diksha Patil – S.Y.B.B.A. – Hockey – **National**
27 Shradha Tiwari – F.Y.B.Com – Hockey – **National**
28 Swati Jadhav – FYBA – Hockey – **National**
29 Aniket Gurav – TYBA – Hockey – **National**
30 Ganesh Patil – TYBCOM – Hockey – **National**
31 Rahul Shinde – FYBA – Hockey – **National**
32 Raies Mujawr – FYBA – Hockey – **National**
33 Rishikesh Shrivas – FYBCOM – Hockey – **National**
34 Venkatesh kenche – FYBA – Hockey – **National**
35 Mansi Sawant – FYBA – Kayaking – **National**
36 Mrunal Sawant – FYBBA – Kayaking – **National**
37 Bemke Pranali – SYBSC – Kho-Kho – **National**
38 Katkar Vaidehi – FYBA – Lawn Tennis – **National**
39 Afrin Shaikh – SYBA – Kabaddi – **National**
40 Samiksha Kinikar – SYBA – Volleyball – **National**
41 Prajakta Galande – FYBA – Volleyball – **National**
42 Priyadarshani Kokare – MA II – Volleyball – **National**
43 Samruddhi Mulay – FYBSC – Softball – **National**
44 Vaishnavi Chavan – FYBCOM – Softball – **National**
45 Samarjeet Singh – TYBA – Squash Racket – **National**
46 Mankar Shwejal – FYBA – Swimming – **National**
47 Narwade Vishal – FYBA – Swimming – **National**
48 Pushkarni Bhattad – FYBCom – Carrom – **National**
49 Kadam Rajat – FYBA – Table Tennis – **National**
50 Rajvaibhav Bangar – FYBCOM – Volleyball – **National**
51 Virendra Khatmode – FYBCOM – Volleyball – **National**
52 Rohit Gaikwad – FYBA – Volleyball – **National**
53 Shid Hari – SYBA – Weight Lifting – **National**
54 Nikita Aage – F.Y.B.A. – Cricket – **National**
55 Sagar Lengore – FYBA – Kho-Kho – **National**
56 Tanmayee Arvat – SYBCom – Shooting – **National**
57 Ashish Ugavekar – FYBA – Hockey – **National**
58 Bhagwan Pawar – TYBSc – Hockey – **National**
59 Swapnil Gadade – FYBCom – Baseball – **State**
60 Wasim Shaikh – Mcom E – Best Physics – **State**
61 Prajwal Moharkar – FYBCOM – Hockey – **State**
62 Prajwal Jadhav – FYBA – Softball – **State**
63 Neela Kambale – SYBA – Athletices – **State**
64 Ridhhi Patil – FYBA – Athletices – **State**
65 Sanjivani Suryavanshi – FYBA – Softball – **State**
66 Sakshi Jadhav – FYBCOM – Volleyball – **state**
67 Mayuri Nalage – FYBCOM – Ball Badminton – **State**
68 Akshay Kadam – FYBA – Volleyball – **State**

Annual Prize Distribution "Gymkhana Day"

Annual Prize distribution i.e. "Gymkhana Day" was celebrated on 30th May 2019. Mrs. Anjali Bhagwat, **Rajiv Gandhi khalratna and Arjun Awardee** are the chief guests , Dr. Gajanan Ekbote, Chairman, P. E. Society, presided of the function & Guest of honour Prof. Shamkant Deshmukh, Secretary, P .E. Society, Prof. Jyotsna Ekbote Joint Secretary, P. E. Society.

The prizes were distributed to the following players.

Shiv Chatrapati Awardee

1 Mankar Shwejal (FYBA) – Swimming Shiv Chatrapti Award – Winner
Khelo India Pune 2019 India – Silver
All India Inter University – Silver

International Players

1 Monali Mansing Natu (MA I)
Softball – 2nd Asian University women's Softball Championship Participation in China – Participation
Sr. National – Silver
All India Inter University – Participation
Baseball – All India Inter University Participation – Participation

2 Mrunal Sawant (FYBBA)
Kayaking – All India Inter University K2- 200m, K1 1000m and K4-500m Bronze Medal – 3 Bronze
38th Asian Dragon Boat Championship, China – Participation

3 Mansi Sawant (FYBA)
K2 200m – All India Inter University
K2- 200m, Bronze Medal – 1 Bronze
Kayaking – 38th Asian Dragon Boat Championship, China – Participation

4 Madhuri Labade (MA I)
Softball – 2nd Asian women's softball Championship – Participation, Indonesia – Participation

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All India Inter University – Participation
Participation
Sr. National – Silver
Baseball – All India Inter University – Participation

National All India Inter University

1 Mankar Shwejal, FYBA
Swimming – All India Inter University – Silver
Khelo India Pune 2019 India – Silver
Shiv Chatrapti Award – Winner

2 Paras Patil, TYBSC Comp Sci
Athletices – Khelo India Pune 2019, 110 Hurdle – Silver
All India Inter University 110 Hurdle
Kridamohotsav 4x100 m Relay – Bronze
Sr National – Participation

3 Abhishek Ubhe, FYBCOM
Athletices – All India Inter University Participation
Khelo India Pune 2019, 110 Hurdel – Bronze
Khelo India Pune 2019, 4x100 m Relay – Bronze

4 Surabhi Vedpathk, TYBSC Comp Sci
Athletices – All India Inter University Hammer Throw – Bronze

5 Bemke Pranali, SYBSC
Kho-Kho – All India Inter University Participation
Khelo India Pune 2019 – Gold
Kridamohotsav – Silver
Sr National – Gold
Sr State – Bronze
West Zone Inter University – Silver

6 Afrin Shaikh, SYBA
Kabaddi – Khelo India Pune 2019 – Bronze

7 Wasim Shaikh, M Com I
Best Physics – All India Inter University Participation
Maharashtra Shree – Gold
Jr Mister India – Silver

8 Kamshira Shinde, F.Y. M.Com
Cricket – All India Inter University – Bronze
West Zone Inter University – Gold

9 Swapnil Gadade, FYBCom
Softball – 40th Sr National – Gold
Fedretation – National – Silver

10 Tejas Magar, SYBA
Kho-Kho – All India Inter University – Bronze
Kridamohotsav – Participation
West Zone Inter – University

11 Sagar Lengore, FYBA
Kho-Kho – All India Inter University – Participation
Kridamohotsav – Participation
West Zone Inter University – Silver

12 Samiksha Kinikar, SYBA
Volleyball – All India Inter University Participation
Khelo – 4th
Kridamohotsav – Silver
West Zone Inter University – Silver

13 Priyadarshani Kokare, MA II
Volleyball – All India Inter University – Participation
Kridamohotsav – Silver
National – Participation
State – Bronze
West Zone Inter University – Silver

14 Pradnya Warekar, TYBA
Volleyball – All India Inter University – Participation
Khelo India Pune 2019 – Participation
Kridamohotsav – Participation
West Zone Inter University – Silver

15 Prajakta Galande, FYBA
Volleyball – All India Inter University – Participation
West Zone Inter University – Silver

16 Aniket Gurav, TYBA
Hockey – All India Inter University – Participation
National 5a side – Bronze
West Zone Inter University – Silver

17 Venkatesh kenche, FYBA
Hockey – All India Inter University – Participation
National 5a side – Bronze
Khelo India Pune 2019 – Participation
West Zone Inter University – Silver

18 Ankita Sapate, SYBA
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Bronze

19 Bhavana Khade, S.Y.B.Com
Hockey – All India Inter University – Participation
helo India Pune 2019 – Participation
West Zone Inter University – Bronze

20 Diksha Patil , S.Y.B.B.A
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
Sr. National – Participation
West Zone Inter University – Bronze

21 Ganesh Patil, TYBCOM
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Silver

22 Harish Sindagi, FYBCOM
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Silver

23 Pragati Banewar, SYBCOM
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Bronze

24 Pranav Jadhav, FYBA
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Silver

25 Radhika Wadkar, FYBBA
Hockey – All India Inter University – Participation
West Zone Inter University – Bronze

26 Rahul Shinde, SYBA
Hockey – All India Inter University – Participation
Sr. National – Participation
West Zone Inter University – Silver

27 Raies Mujawr, FYBA
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Silver

28 Sarita Bhise, FYBA
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Bronze

29 Satish Patil, TYBA
Hockey – All India Inter University – Participation
Sr. National – Participation
West Zone Inter University Silver

30 Shradha Tiwari, FYBCOM
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Bronze

31 Swati Jadhav, FYBA
Hockey – All India Inter University – Participation
Khelo India Pune 2019 – Participation
West Zone Inter University – Bronze

32 Geeta Shinde, MA
Athletices – Kridamohotsav – Silver

33 Nalini Patil, MSc II
Handball – All India Inter University – Participation
Handball – West Zone Inter University – Bronze

34 Arti Bhalerao, FYBSC [Comp]
Baseball – All India Inter University – Participation
Softball – All India Inter University – Participation
Jr. National – Gold

35 Abhishek Khedkar, SYBSc
Netball – All India Inter University – Participation

36 Dinesh Chavan, FYBA
Ball Badminton – National – Participation
State – Participation

37 Disha Jadhav, MSc - I Comp
Shooting – All India Inter University – Participation
World University – Trials

38 Kadam Rajat, FYBA
Table Tennis – All India Inter University – Participation

39 Katkar Vaidehi Kamlakar, FYBA
Lawn Tennis – West Zone Inter University – Participation

40 Kavita Rathod, FYBCOM
Baseball – All India Inter University
Softball – All India Inter University – Participation

41 Narwade Vishal, FYBA
Swimming – All India Inter University – Participation
Waterpolo – All India Inter University – Participation

42 Nikita Aage, F.Y.B.A.
Cricket – State – Participation

43 Pranav Wanare, TYBBACA
Shooting – All India Inter University – Participation

44 Pushkarni Bhattad, FYBCom
Carrom – National – Participation

45 Rajvaibhav Bangar, FYBCOM
Volleyball – All India Inter University – Participation
Kridamohotsav – Silver
West Zone Inter University – Participation

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46 Virendra Khatmode, FYBCOM
Volleyball – All India Inter University – Participation
West Zone Inter University – Participation
47 Rushikesh Desai, SYBA
Baseball – All India Inter University – Participation
48 Sakalain Fakir, SYBCOM
Netball – All India Inter University – Participation
49 Samarjeet Singh, TYBA
Squash Racket – All India Inter University – Participation
50 Samruddhi Mulay, FYBSC
Softball – Sr. National – Participation
State – Silver
State – Winner
51 Sanjivani Suryanvanshi, FYBA
Baseball – All India Inter University
52 Shubham Kodag, FYBSc
Netball – All India Inter University
Participation
53 Solankar Pragati, TYBA
Lawn Tennis – All India Inter University
Lawn Tennis – West Zone Inter University
54 Vaishnavi Chavan, FYBCOM
Baseball – All India Inter University – Participation
Softball – Jr. State – Silver
West Zone Inter University – Asso. Participation
55 Rutuja Jogdand, TYBCOM
Netball – All India Inter University – Participation
56 Mayuri Nalage, FYBCOM
Volleyball – Sr. State – Gold
57 Prajwal Moharkar, FYBCOM
Hockey – State – Silver

State & Inter Zonal Performance

1 Gaytri Nimhan, FYBCOM
Softball – State – Silver – IC – Silver
Baseball – IC – Gold
Hockey – IC – Gold
2 Mayuri Nalage, FYBCOM
Volleyball – Sr. State – Gold – IC – Gold
Ball Badminton – IC – Silver
3 Pranita Tayde, SYBCom
Korfball – IZ – Participation
Netball – IZ – Bronze – IC – Gold
Baseball – IC – Gold
Softball – IC – Silver
4 Nandini Sawant, FYBA
Korfball – IZ – Participation
Netball – IZ – Bronze
IC – Gold
Handball – IC – Bronze
Kho-Kho – IC – Silver
5 Aditya Bhujbal, SYBCOM
Netball – IZ – Participation – IC – Gold
Korfball – IZ – Participation
Handball – IC – Runner
6 Kirti Tomar, SYBCom
Korfball – IZ – Participation
Netball – IC – Gold
IZ – Bronze
Volleyball – IC – Gold
7 Madhuri Datar, SYBCom
Korfball – IZ – Participation
Netball – IC – Gold – IZ – Bronze
Ball Badminton – IC – Silver
8 Sattyam Mahadik, TYBSC
Handball – IZ – Gold – IC – Silver
Korfball – IZ – Participation
Ball Badminton – IC – Silver
9 Vaishnavi Gore, SYBA
Korfball – IZ – Participation
Netball – IZ – Bronze – IC – Gold
Cricket – IC – Silver
Handball – IC – Bronze
10 Prajwal Moharkar, FYBCOM
Hockey – State – Silver – IZ – Gold
IC – Gold
11 Apurva Wankhede, SYBCOM
Baseball – IZ – Gold
IC – Gold
Ball Badminton – IC – Silver
12 Prajakta Dumbre,Diploma in B & F
Cricket – IZ – Gold
IC – Silver
Baseball – IC – Gold
13 Tushar Garkal, MA I
Ball Badminton – IZ – Gold
IC – Silver
Handball – IC – Silver
14 Prajwal Jadhav, FYBA
Baseball – IZ – Participation
IC – Gold
Softball – IZ – Silver
IC – Silver
15 Sahil Shaikh, FYBA
Baseball – IZ – Participation
IC – Gold
Softball – IZ – Silver
IC – Silver

16 Swarooop Bhujbal, SYBSC
Softball – IZ – Silver
IC – Silver
Baseball – IZ – Participation
IC – Gold
17 Harshal Mahajan, SYBSc
Korfball – IZ – Participation
Netball – IZ – Bronze
IC – Gold
18 Zende Akshay, FYBBA
Wrestling – IZ – Participation
IC – Silver
19 Runal Malusare, FYBCS
Korfball – IZ – Participation
Netball – IZ – Bronze
IC – Gold
20 Amruta Tribhuvan, TYBA
Ball Badminton – IZ – Participation
IC – Silver
Volleyball – IC – Gold
21 Atish Chapte, FYBA
Baseball – IZ – Participation
IC – Gold
Softball – IC – Silver
22 Jagatap Shubham, SYBA
Best Physics – IZ – Participation
Best Physics – IC – Gold
Power Lifting – IZ – Participation
Power Lifting – IC – Gold
23 Murumkar Dipali, MA I
Handball – IZ – Silver
IC – Bronze
24 Patil Riddhi, FYBA
Cross Country – IZ – Participation
IC – Gold
Kho-Kho – IC – Silver
Athletices – IC – Gold
25 Kambale Neela, SYBA
Athletices – IZ – Participation
IC – Gold
Cross Country – IZ – Participation
IC – Gold
Kho-Kho – IC – Silver
26 Munesh Jagtap, SYBSc
Baseball – IZ – Participation
IC – Gold
Softball – IC – Silver
27 Abhishek Swamy, TYBCOM
Hockey – IZ – Gold
IC – Gold
28 Ajit Sarak, FYBSC
Handball – IZ – Gold
IC – Silver
29 Lotekar Shruti, SYBCOM
Kho-Kho – IZ – Gold
IC – Silver
30 Pratik Patil, FYBCOM
Ball Badminton – IZ – Silver
IC – Silver
31 Rishikesh Shrivas, FYBCOM
Hockey – IZ – Gold
IC – Gold
32 Shubham Mahadik, FYBA
Hockey – IZ – Gold
Hockey – IC – Gold
33 Tushar Bhalekar, FYBSC
Handball – IZ – Gold
IC – Silver
34 Akshay Kadam, FYBA
Volleyball – IZ – Silver
IC – Gold
35 Rohit Gaikwad, FYBA
Volleyball – IZ – Silver
IC – Gold
36 Pamu Suhasini, SYMA
Handball – IZ – Bronze
SY MA – Handball – IC – Bronze
37 Pooja Tomar, MSc I
Netball – IZ – Bronze
IC – Gold
Khokho – IC – Gold
38 Prathmesh Chothe, TYBCOM
Netball – IZ – Bronze
IC – Gold
39 Priyanka Mantri, Mcom - I
Squash Racket – IZ – Silver
IC – Silver
40 Aboli Balwadkar, TYBBA CA
Fencing – IZ – Participation
IC – Gold
41 Dinesh Kashyap, MECOM II
Athletices – Sr. National – Participation
IZ – Participation
IC – Silver
42 Kiran Thite, TYBA
Power Lifting – IZ – Participation
IC – Gold
43 Namita Shivratri, TYBCom
Boxing – IZ – Participation
IC – Gold
44 Pratiksha Dhule, SYBA
Fencing – IZ – Participation
IC – Gold
45 Prithvi Jadhav, TYBCom
Best Physics – IZ – Participation
IC – Gold

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46 Sachin Shivale, SYBA
Judo – IZ – Participation
IC – Gold
Wrestling – IZ – Participation
IC – Silver
47 Sanap Kanchan, FYBA
Wrestling – IZ – Participation
IC – Silver
48 Shid Hari, SYBA
Weight Lifting – IZ – Participation
IC – Gold
49 Tanmayee Arvat, SYBCom
Shooting – IZ – Participation
IC – Silver
50 Vaishnavi Mandhekar, FYBCOM
Boxing – IZ – Participation
IC – Silver
51 Chinmay Kshirsagar, SYBCom
Korfball – IZ – Participation
Netball – IC – Gold
52 Amar Jadhav, MA II
Kho-Kho – IZ – Participation
53 Vijay Vikas Dhatunde, FYBA
Kho-Kho – IZ – Participation
54 Vishnu Anantpure, FYBA
Kho-Kho – IZ – Participation

Inter collegiate performance

1 Abhijeet Husale, FYBA
Volleyball – IC – Gold
2 Abhishekh Khedekar, SYBSC
Handball – IC – Silver
3 Aditya Gagtap, FYBA
Handball – IC – Silver
4 Akshay Rangat, SYBA
Volleyball – IC – Gold
5 Anjali Kapoor, SYBCA
Netball – IC – Gold
6 Ankita Bhusari, F.Y.B.Com.
Hockey – IC – Gold
7 Ashish Ugavekar, FYBA
Hockey – IC – Gold
8 Bansode Omprakash, TYBA
Handball – IC – Silver
9 Banti Kumari, FYBA
Cross Country – IC – Gold
10 Bhagwan Pawar, TYBSC
Hockey – IC – Gold
11 Dhotre Gaurav, SYBSC
Handball – IC – Silver
12 Hrushi Ghogare, TYBA
Netball – IC – Gold
13 Jaydatta Mahale, FYBSC
Volleyball – IC – Gold
15 Kshitija Shinde, MSc I
Netball – IC – Gold
16 Nayana Borkar, F.Y.B.Com
Hockey – IC – Gold
17 Nikhil Hole, FYBCOM
Volleyball – IC – Gold
18 Nilesh Sabnis, MCOM-II
Volleyball – IC – Gold
19 Nitin More, FYBBBCA
Handball – IC – Silver
20 Pooja Dhumal, FYBA
Netball – IC – Gold
21 Prashant Madiwal, TY BCom
Ball Badminton – IC – Silver
22 Prathmesh Velankar, FYBCOM
Hockey – IC – Gold
23 Pratik Barguje, FYBSC
Handball – IC – Silver
24 Pratik Sonavne, TYBCOM
Volleyball – IC – Gold
25 Pratiksha Kulkarni, SYBA
Ball Badminton – IC – Silver
26 Puja Tomar, MSc.- I
Kho-Kho – IC – Silver
27 Rutuja Mane, FYBCom
Ball Badminton – IC – Silver
28 Sanket Parande, SYBA
Volleyball – IC – Gold
29 Santosh Nikhil, SYBSC
Softball – IC – Silver
30 Saurabh Betwar, SYBBA (IB)
Baseball – IC – Gold
31 Shailendra More, FYBA
Ball Badminton – IC – Silver
32 Shubham Gavli, FYBA
Softball – IC – Silver
33 Shweta Uttekar, SYBCOM
Ball Badminton – IC – Silver
34 Siddheshwar Kalwaghe, FYBBA
Hockey – IC – Gold
35 Sourabh Patil, FYBCS
Hockey – IC – Gold
36 Takale Maheshwari, Fashion D
Cross Country – IC – Gold
37 Tejas Mate, SYBA
Baseball – IC – Gold
38 Thakur Yash, SYBCOM
Hockey – IC – Gold
39 Trimbak Bhise, FYBA
Volleyball – IC – Gold
40 Varsha Mahadik, FYBCOM
Volleyball – IC – Gold

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41 Vishwnath Patil, TYBA
Handball – IC – Silver
42 Warulkar Ruchika, FYBCA
Kho-Kho – IC – Silver
43 Yash Bartakke, SYBBA (IB)
Baseball – IC – Gold
44 Yusuf Khan, TYBA
Hockey – IC – Gold
45 Yuvraj Aher, FYBA
Softball – IC – Silver
46 Zarad Pooja, SY BA
Ball Badminton – IC – Silver
47 Ankita Adsol
F.Y. B.Sc – Cricket – IC – Silver
48 Kamthe Rutuja, FYBA
Kho-Kho – IC – Silver
49 Madhuri Bansod, F.Y.B.A.
Cricket – IC – Silver
50 Manorama Mane, T.Y.B.A.
Cricket – IC – Silver
51 Priyanka Kadu, FYBCOM
Softball – IC – Silver
52 Shrutika Koshti, S.Y. B.Com.
Cricket – IC – Silver
53 Shushant Shinde, SYBBAIB
Handball – IC – Silver
54 Shweta Shitole, F.Y. B.Sc.
Cricket – IC – Silver
55 Vaishanavi Gore, SYBA
Softball – IC – Silver
56 Bhalerav Urja, SYBA
Handball – IC – Bronze
57 Chivate Chittranjan, SYBCA
Cross Country – IC – Bronze
58 Datar Madhuri, SYBCom
Handball – IC – Bronze
59 Dhumal Pooja, FYBA
Handball – IC – Bronze
60 Ghorpade Dipali, FYBA
Handball – IC – Bronze
61 Gohel Dhruv, FYBBA
Cross Country – IC – Bronze
62 Gorane Janhvi, FYBBA
Kho-Kho – IC – Silver
63 Jadhav Adesh, FYBCOM
Cross Country – IC – Bronze
64 Jadhav Chetan, FYBCA
Cross Country – IC – Bronze
65 Khan Fahed, FYBBA
Cross Country – IC – Bronze
66 Panjwani Rima, SYMA
Handball – IC – Bronze
67 Shevkar Poonam, FYMSc
Handball – IC – Bronze
68 Prasad Harpale, MA I
Ball Badminton – IC – Silver
Netball – IC – Gold
Handball – IC – Silver
69 Priya Ise, FYBCOM
Baseball – IC – Gold
Hockey – IC – Gold
Softball – IC – Silver
70 Rutuja Marala, SY BCA
Cricket – IC – Silver
Baseball – IC – Gold
Softball – IC – Silver
71 Wankhede Apurva, SYBCOM
Handball – IC – Bronze
Kho-Kho – IC – Silver
Softball – IC – Silver
72 Aditi Kotalkar, FYBCOM
Baseball – IC – Gold
Softball – IC – Silver
Handball – IC – Bronze
73 Rahul Gaykar, FYBCom.
Baseball – IC – Gold
Softball – IC – Silver
74 Sakshi Jadhav, FYBCOM
Cross Country – IC – Gold
Volleyball – IC – Gold
75 Sanas Vaishnavi, FYBA
Cross Country – IC – Gold
Kho-Kho – IC – Silver
76 Umesh Makar, FYBA
Baseball – IC – Gold
Softball – IC – Silver
77 Mayur Gokhale, TYBSC
Baseball – IC – Gold
Softball – IC – Silver
78 Harpale Rutuja, SYBCOM
Kho-Kho – IC – Silver
Handball – IC – Bronze
79 Sawant Nandini, FYBA
Handball – IC – Bronze
Kho-Kho – IC – Silver

Interclass Competitions

Interclass competitions for the promotion of the games and entertainment purpose were organized from 02/01/2019 to 16/01/2019. Football, Basketball, Volleyball, Badminton, Table Tennis and Chess were the events organized during this period.

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Team Event Performances

Volleyball Boys Winner- T.Y.B.A.

1 Sourabh Thombare
2 Yusuf Khan
3 Shubham Rajmane
4 Rushikesh Waydande
5 Siddheshwar Waghmare
6 Avinash Jadhav
7 Avinash Chavan
8 Amar Jadhav

Volleyball Boys Runner Up- S.Y.B.A.

1 Akshay Rangat
2 Dhiraj Singh
3 Pawan Nimase
4 Sourabh Drade
5 Ajinkya Mahale
6 Ritik Vaidya
7 Mayuresh Tribhuvan
8 Chaitanya Jadhav

Basket Ball Boys Winner- S.Y.B. Sc - A

1 Parth Deshpande
2 Akash Pawar
3 Abhishek Khedkar
4 Chinmay Dasarwar
5 Shreyas Dhase
6 Harshal Mahajan
7 Sujeet Ghorpade

Basket Ball Boys Runner Up- F.Y.B. Sc-B

1 Runal Malusare
2 Aniket Kaware
3 Krishna Saidane
4 Vinit Mali
5 Aditya Akhade
6 Kuldeep Yadav

Basket Ball Boys Winner- T.Y.B.B.A.

1 Karan Thapa
2 Athul Ramaswami
3 Hrishikesh Anger
4 Amit Thakur
5 Vinayak Patil
6 Sachin Salyan

Basket Ball Boys Runner Up- M Sc I

1 Mayur Shirurkar
2 Indranil Marathe
3 Rajat More
4 Akshay Lendave
5 Shubham Mahadik
6 Satish Bhoite
7 Sanket Dabhade
8 Mayur Patil

Individual Badminton Boys

1 Sanchit Karve, FYBSc -B – Winner
2 Kaustubh Desai, SYBCOM – Runner Up

Individual Badminton Girls

1 Mrunmayee Kulkarni, FYBA – Winner
2 Akanksha Daswani, FYBSc BioTe – Runner Up

Individual Chess Boys

1 Shreyash Dhase, SYBSc – Winner
2 Yash Khamkar, 12th E – Runner Up

Individual Chess Girls

1 Sanskruti Patil, FYBA – Winner
2 Megha Karande, 12th Com – Runner Up

Individual Table Tennis Boys

1 Mohit Bhende, SYBA – Winner
2 Vedant Kunte, SYBCOM – Runner Up

Prof. Bhagyashree Shinde,
Director of Physical Education
Prof.Vikram Phale,
Director of Physical Education
Dr. P. G. Dixit,
Chairman G.M.C.

Department of Fashion Technology

Department of Fashion Technology was sanctioned the **Diploma Course in Dress Designing & Tailoring** under Community College Schemes in 2015. In 2018 Department of Fashion Technology has been sanctioned a 3 years Degree course by UGC. **Bachelors in Vocation (B. Voc Fashion Technology & Apparel Designing)** course is affiliated to Savitribai Phule Pune University.

Annual Exhibition- Showcase of students' work

The students of B. Voc. and UGC's Community College showcased their creativity through this exhibition arranged in Assembly Hall on 14th & 15th February 2019.

This showcase aimed at informing people about Fashion Technology curriculum in our college. Application of Elements and Principles of Design was displayed using out of box and brilliant ideas through motif development. Students displayed the path of their command on lines from basics of lines to advanced fashion illustration using various techniques.

Students showcased their pattern making skills by developing designer garments using the most complicated and creative technique of dart

manipulation. This collection had its entire range illustrated along with mood board, story board with client profile and specification sheets.

The most trending display was live models showcasing garments stitched by the students, costumes of different Indian states and World costumes. The centre of attraction was a beautifully draped white gown made of tissue paper. This eco friendly outfit stole the event.

Advertisement of this event was done very creatively. Students prepared eco friendly, hand painted and hand stitched huge fabric banners. These eye catching banners stood 8 feet tall and invited all for the exhibition.

The event was inaugurated by Industrialist Hon'ble Mr. Mahesh Kulkarni, founder member and Managing Director at GN Solutions Pvt. Ltd. Pune, Secretary P. E. Society Prof. S.S. Deshmukh and Principal Dr. R.S. Zunjarrao. The event was attended by Vice Principals, Heads, Teachers, staff and students of our college.

Guidance and support of Fashion Technology's Coordinator, Prof. S.S.Thengadi made the entire event possible and successful.

Industrial Visit: Department of Fashion Technology arranged an industrial visit to textile mill, fabric manufacturing company and weaving units in Ichalkaranji and Kolhapur, Maharashtra, as a part of the curriculum. The visit was scheduled on 8th and 9th February 2019.

Students and teachers visited - Tessitura Monti Pvt. Ltd., Abhishek Cotspin Mill Unit Ltd., Manpasand Dyeing Unit and Saree Weaving Unit.

Skill Development Workshops

i) **Madhubani and Kalamkari Folk Art Workshop:** These two ancient traditional painting techniques were learned by students. They studied the motifs, colors used and materials used in these arts. They implemented these techniques on various products by developing contemporary motifs inspired by this art.

ii) **Warli Painting Workshop:** Students were introduced to various folk arts of Maharashtra. Warli being one of them. Students learned to create figures from basic shapes, creating stories and presenting it. Traditional method of painting was taught along with contemporary version. Students after learning the art made various products using warli art.

iii) **Block Printing Workshop:** The age old traditional technique of printing was introduced. Students actually created samples by printing designs using wooden blocks on cotton Fabric.

This workshop gave them insight about importance of traditional arts of India.

iv) **Bandhani Workshop:** The technique of tie and dye was excelled by the students during the workshop. Around 300 different design samples were created by the students using Bandhani technique. This workshop along introduced them to one of the major profession of Indian Textile industry.

v) **Sling Bag Workshop:** Workshop on Designing and stitching various utility sling bags was conducted. Various fabrics and their unique stitching techniques were taught during this workshop. Pricing and Marketing the product made was also taught to the students.

vi) **Paper Hand Bags Workshop:** Extending a step towards saving the nature, an eco friendly paper bag making workshop was arranged. Various size bags for various products were made by the students.

vii) **Origami and Kirigami workshop:** A very creative workshop on origami and kirigami (paper folding techniques) was organized. Students learned various paper folding techniques and made beautiful garments. These garments were showcased at the annual fashion show.

Computer Skills:

Students researched on various given topics related to fashion industry. Power point presentations were made by the students. These presentations were presented to the class.

Vyapar Mela

Students participated in Vyapar Mela organized by the college. Vyapar Mela served as an opportunity for students to learn various business techniques, customer handling, product costing, product marketing, how to display products to attract maximum customers.

Cultural Activity:

Fashion Technology Department stood second in the college cultural event 2018-19.

Along with dance and singing talents students showcased their presentation skills. The power point presentation kept the audience mesmerized.

Prof. Manasi Thakur
Head

विद्यार्थी विकास मंडळ

कर्मवीर भाऊराव पाटील कमवा व शिका योजना २०१८-१९

कमवा व शिका योजना गेली १७ वर्षे मॉडर्न कॉलेज शिवाजीनगर येथे उत्कृष्ट कार्य करीत आहे. ही योजना २००१ मध्ये ५ विद्यार्थ्यांच्या सहभागाने सुरू झाली. १७ वर्षानंतर २०१८-१९ साली या योजनेमध्ये १३४ विद्यार्थी व विद्यार्थिनींचा सक्रिय सहभाग होता. दरवर्षी या योजनेवर दहा लाख रुपयांपेक्षा जादा खर्च झालेला आहे.

सर्वांना आवडणारी व सर्वांचा जास्तीत जास्त सहभाग असणारी असा लौकिक 'कमवा व शिका' योजनेस प्राप्त झालेला आहे. शैक्षणिक वर्षाच्या सुरुवातीला या योजनेची सविस्तर माहिती विद्यार्थ्यांना दिली जाते. तसेच विविध उपक्रमांचा परिचय करून देण्यात येतो. कमवा व शिका योजनेबरोबरच विद्यार्थी विकास मंडळातर्फे घेण्यात येणाऱ्या इतर उपक्रमांची माहिती विद्यार्थी विकास अधिकारी प्रा. डॉ. शुभांगी पुराणिक यांनी सर्वांना सविस्तरपणे सांगितली. या उपक्रमांमध्ये एक हजार पेक्षा जास्त विद्यार्थ्यांचा सहभाग होता.

या योजनेत भाग घेण्यासाठी बोर्डवर नोटीस लावली जाते. २० जून ते ३० जून या कालावधीत छापील फॉर्ममध्ये विद्यार्थी आपली माहिती पुरवितात. या योजनेसाठी स्वतंत्र कमिटी नेमली जाते. निराधार अथवा वडिल यांचे वार्षिक उत्पन्न कमी असणारे घरची परिस्थिती हालाखीची असणारे, आर्थिकदृष्ट्या दुर्बल आणि ज्याला काम करण्याची इच्छा आहे अशांना या योजनेत प्रवेश दिला जातो.

आपल्या विषयाचे वेळापत्रक सांभाळून उरलेल्या वेळेमध्ये प्रत्येकास काम करता येते. तीन तास सलगपणे अथवा वेळ मिळेल तसे काम करता येते. या वर्षी ग्रंथालय, जिमखाना, लेडिज कॉमन रूम, परिसर स्वच्छता, एन्.एस्.एस्., एन्.सी.सी., प्राणिशास्त्र, मानसशास्त्र, बायोटेक्नॉलॉजी, संगणकशास्त्र इत्यादी विभागात विद्यार्थ्यांनी कामे केलीत. दिवसातून कमीत कमी एक तास आणि जास्तीत जास्त तीन तास विद्यार्थी काम करू शकतात. यासाठी प्रत्येक विद्यार्थ्यास रुपये ४५ या प्रमाणे कामाचे वेतन दिले जाते. प्रत्येक विद्यार्थ्यास स्वत:च्या नावाचे बचत खाते काढावे लागते. तसेच उत्पन्नाचा दाखला अर्जासोबत जोडावा लागतो. प्रत्येक दिवशी काम झाल्यावर विद्यार्थ्यांना हजेरीपत्रकावर सही करावी लागते.

ह्या योजनेमुळे प्रत्येक विद्यार्थी स्वयंसिद्ध, स्वयंपूर्ण बनतो. स्वत:च्या पायावर उभे राहण्याची ताकत निर्माण होते. श्रमसंस्कृतीची जाणीव निर्माण होते. ह्यासर्व गोष्टींचा त्यांना भावी आयुष्यात उपयोग होतो. महाविद्यालयाची संख्या आठ हजारपेक्षा जास्त असली तरी शंभर ते दीडशे जण या योजनेंचा लाभ घेऊ शकतात. ही योजना यशस्वी होण्यामागे विद्यार्थ्यांचा सहभाग महत्त्वाचा आहेच. त्याबरोबर समितीचे सर्व सदस्य, शिक्षकेतर कर्मचारी, सर्वांत प्रमुख म्हणजे आमच्या महाविद्यालयाच्या प्राचार्यांचा संपूर्ण पाठिंबा मिळत असल्याने १७ वर्षांपूर्वी असलेल्या छोट्या रोपट्याचे रुपांतर आता वटवृक्षात झालेले आहे. आता ह्याचे सारे श्रेय प्राचार्य, उपप्राचार्य आणि महाविद्यालयाचे सर्व कर्मचारी यांना जाते. या सर्वांचे सहकार्य सतत मिळत असल्याने ही योजना सर्वात यशस्वी बनली आहे.

- डॉ. शुभांगी पुराणिक
विद्यार्थी विकास अधिकारी

Centre for Innovations in Teaching, Learning and Evaluation

Major activities conducted in this academic year [2018-19]:

- A unique **workshop** was organized on **'Dynamics and Evaluation of Group Discussion'**, which was conducted by **Prof.A.G.Gosavi,** Former Principal and Advisor of our college, on 28th August 2018. A heterogeneous group of twelve PG students was invited and set into discussion. Participant teachers were asked to observe and evaluate. Then the teachers expressed their opinions and shared their comments about their rating of the individuals in the group discussion.

  After listening to all participants Prof.Gosavi as an expert in this field gave his feedback and presented the standard procedures and norms of evaluating a group discussion. This was a very effective way of imparting the methods of evaluation. Thirty newly appointed staff members from all faculties actively participated in this workshop. Chairman Mr.Narendra M.Naidu gave the initial briefing and also assisted Prof.Gosavi in smooth conduct of this activity. Dr. Shilpa Mujumdar compered the event and proposed the vote of thanks.
- Our Centre has continued its collaboration with **Science Education Initiative** [SEI] for promoting extension activity and experiential learning amongst students. The following **students from Modern College, Pune-5** have been selected as **Science Education Initiative** [SEI] **Fellows** for the academic year 2018 – 19:
  1. Ankitabharati Satyendra Rai
  2. Garima Mukesh Singh
  3. Madhura Nitin Gaikwad

4. Sukhada Anant Deshpande
5. Aishwarya Gosawi

These students without hampering their regular college schedule are involved in passionately teaching Science to the under privileged students at Pune Municipal Corporation schools.

- A **workshop** on **'Use of Technology in Teaching'** by **Dr.Anita Dani** [Faculty form Dubai, UAE] was organized on 28th December 2018. All participants were very excited to receive hands-on –training which would prove useful in their regular teaching. Dr.Anita Dani is an alumna of our college.
- Centre for Innovations in Teaching, Learning and Evaluation was a Joint organizer with the Department of Computer Science for the **National Conference** hosted by our college, held on 11th and 12th January 2019. All our members took up various responsibilities; especially the **Poster Session** was entirely managed by this Centre. Few of our members had also registered as participants. Teachers from different states participated in this conference.
- A **workshop** on **'Cooperative Learning'** was conducted by Educationist **Dr.Lalita Agashe**, Board member IASCE, on 13th and 20th December 2018. Twenty six newly appointed teachers from all faculties of our college enthusiastically participated in this training workshop. They gave a very good feedback and were positive about implementing these techniques in their classrooms from next academic year.
- **Paper Presentation in an International Conference:**

  Mr.Narendra M.Naidu, Dr.Sushama D.Joag [Founder and Advisor of our Centre] and **Dr.Lalita Agashe** [Educationist and Resource Person for our CL activities] had jointly prepared a paper which covered the efforts taken by our college towards implementation of Cooperative Learning. This paper was selected for presentation in an International Conference held at ***National Taipei University of Education*** **[NTUE]** in Taipei, Taiwan, from 21st March to 24th March 2019. The paper was presented on 24th March 2019 jointly by Narendra M. Naidu and team. The initiative and efforts of our college were appreciated on this international forum. 230 participants from 23 countries attended this conference.

  Every morning there were plenary talks by eminent personalities in the field. Later throughout the day there concurrent sessions were held comprising presentations and workshops which were entirely interactive.

  One of the days there was an Award Ceremony for those who had done commendable work in the field of Cooperative Education. The same day there was a Cultural programme put up by the NTUE students and a local school.

  The conference gave us an opportunity to build up ties with experts and practitioners at international level. During the conference all three participants had informal interaction and discussions with the faculty of the NTUE, in addition to the exchanges with participants.
- **Educational Visits to Universities in Taiwan:**

  Mr.Narendra M.Naidu extended his stay in Taiwan, with prior permission from the College Management to visit educational institutes there. He visited a **Local Municipal School** at Taipei to observe the implementation of Cooperative Learning at school level as a Pre-conference visit conducted by the organizers on 21st March 2019.

  After the conference Mr.Narendra M.Naidu visited ***National Tsing Hua University*** **[NTHU] at Hsinchu and** ***National Chung Hsing University*** **[NCHU] at Taichung**. He met several professors, scientists, experts , administrators and research students in both these renowned universities to learn about the advances in their respective subjects, educational policies, global context of their research, innovations in their laboratories, library facilities and so on. Formal meetings, informal interactions and laboratory tours, museum tour and library tour were arranged by the host. Their cooperation and hospitality was overwhelming. The teaching and research work in their respective areas was of a very high quality. Possibilities of collaboration with these Universities were explored. The universities seemed eager to build professional academic ties with our college in near future.

Narendra M.Naidu
Chairman

Institutional Social Responsibility (ISR) Activities

1. **Donation of Angel Players:**
   Guest List: Mr. D.K. Panchori, Mr. M. Pokharna, Mr. S.Pawar (Bank of Baroda)
   Bank of Baroda, Shivaji Nagar Branch donated a sum of Rs. 25,000 to Modern College, Shivaji Nagar on 20th July 2018. Bank of Baroda donated this amount on the eve of 111th Foundation day celebration of the bank. Modern College utilized this amount to buy three angel players for the visually impaired students of the college.
2. **Lecture on Water Conservation:**
   Guest List: Mr. Makrand Tillu,Mrs. Gauri Shikarpur,Mrs. Rujuta Desai, Rotary Club, Shivaji Nagar
   Mr. Makrand gave an lecture on water conservation on 21st July 2018.The lecture was in Marathi and titled as "Goshta 100 Kotinchi, Panyachya maitri chi". The entire audience took a oath to conserve and protect water at the end of the session.
3. **Career Guidance & Scholarship:**
   Guest List: Padmashree awardee Mrs. Lila Poonawala, Dr. Nitin Nayak, Mr. Deepak Shikarpur
   Chief Guest Lila Poonawala started the day by giving Rotary Leadership Excellence awards to Dr. R.S. Zunjarrao & Dr. Nitin Nayak. The awards were sponsored by Rotary Club of Pune, Shivaji Nagar. Lila Poonawala gave a motivational speech regarding careers for girls. She also gave scholarships to talented girl students from Modern College and appreciated the ISR activities done. Vote of Thanks was given by Prof.Shamkant Deshmukh
4. **Cyber Crime and How to Prevent it:**
   Guest List: Nitish Chandan,Cyber-Security Expert Cyber Peace Foundation
   We live in a digital world. We are constantly tracked and our behavior online is used to determine various things like our interests. Due to this there is a high possibility of our information being leaked. The lecture was on ways to protect us from cyber crimes.
5. **Rakhi Selling by Differentially-Abled Students:**
   Guest List: Gauri Shikarpur Rujuta Desai, President Rotary
   The event had differently-able students of Apte School setting up a stall of Rakhi's which were bought by the Students and faculties of Modern College. These students also collected contribution and a few Rakhi's were also sent to our brave soldiers at our borders
6. **Paraplegic Center Visit:**
   Organised by : Mr Ashok Kamble, Mrs. Gauri Shikarpur, Mrs. Rujuta Desai,Dr. Shubhangi Puranik, Mrs. Alka Kamble
   50 Students from NCC (Modern College) visited the Paraplegic Center.The activity was held in collaboration with Rotary Club of Pune, Shivaji Nagar. The war veterans shared their experiences with the students which gave the students a different perspective of looking at life.
7. **Scholarship – Visually Impaired Students:**
   Guest List: Mr. Kulkarni, Mr. Satavkar, Blind Foundation,Chennai
   Mr. Satavkar on the behalf of The Blind Foundation Chennai donated T-Shirts to the visually impaired students of Modern College, Shivaji Nagar.In addition to this, Mr. Satavkar interacted with the visually impaired students and announced continuation of the scholarship for students.
8. **Financial Assistance- Emcure:**
   Guest List: Rajesh Nair, Girish Ganavat, Emcure Pharmaceuticals, Pvt Ltd, Bhosari, Pune
   Emcure gave financial assistance of Rs 4,05,000 to Modern College, Shivaji Nagar. The beneficiaries of this scholarship were 25 needy students. Dr. Zunjarrao and Dr. Puranik had shortlisted the students that were eligible for this assistance. Emcure further had an personal interview with all the eligible candidates.
9. **Old Clothes Collection Drive:**
   Organised by : Dr. Shubhangi Puranik and Mrs. Alka Kamble in collaboration with Rotary Club, Shivaji Nagar
   The students and faculties of Modern College, Shivaji Nagar had organized this drive in collaboration with Rotary Club.Here everyone had to pitch in with the good old clothes and other stationery item or electronic items which

can be put to good use by various members of the society.

10. Hygiene Related Item Distribution:

Organised by: Dr. R.S. Zunjarrao, Dr. Shubhangi Puranik, Prof. Ingole

This activity was done in collaboration with Rotary Club. Modern College distributed Hygiene related items to students of Veer Netaji Palkar Vidyalaya, Police Line, Shivaji Nagar. These products were given to a total of 100 students of 1st to 5th Standard of the school and the efforts were highly appreciated by the headmistress of the school.

11. International Day of Person with Disabilities:

Guest List: Mr. Waghmole, Police Inspector

The activity was done in collaboration with 209, Shivaji Nagar, Vidhan Sabha, Matadar Sangha.A rally to mark the occasion of disability day was taken out.ECI distributed voter ID's to differential able students. Mr. Waghmole interacted with the students and motivated them to become successful in life.

12. Personality Development Workshop:

In Collaboration with: Rotary Club, Shivaji Nagar

The event had various session related to Personality development.A few students got a opportunity to give presentations to the entire audience. Extempore was conducted which was enjoyed by everyone. The event ended with the Chief Guest awarding the students for their exemplary performance in various activities

13. Visit to TTI – Poona Blind Association:

In Collaboration with: Poona Blind Association

Organised by: Dr Shubhangi Puranik

Principal Dr. R.S. Zunjarrao, Prof. S.S. Thengdi, Prof. Ingole, Dr.Mrs. Shubhangi Puranik & Dr. Anjali Sirdesai visted the Technical Training Institute of Poona Blind Association, Hadapsar. TTI provides trainings to visually challenged students in various fields. A discussion for extension of TTI in Modern College was held.

14. Computer Installation For Visually-Impaired:

Guest List: Mr. Banerjee, Mr. Mangesh Kulkarni, Mr. Kalpesh ,Poona Blind Association

Modern College in collaboration with TTI started an extension center in Modern College to cater the computer training needs of visually challeged students. They organised a computer training certificate course. TTI provided 10 sets of computers with headphones and speakers. A qualified trainer guided the students.

15. Financial Assistance for Blind Students:

Guest List: Mr & Mrs Risbud, Mr Suresh Paranjape

This event was done in collaboration with Marathi Parties and Services, Dubai.The organization gave Rs 20,000 to Modern College for visually impaired students. Modern College used the fund for setting up the extension center for computer training of visually disabled students.

16. Financial Assistance- The Blind Foundation:

Guest List: Mr. Kulkarni, Mr. Daiva, Mr. Satavkar

The blind foundation, Chennai donated a total sum of Rs 2,10,000 as a scholarship for visually impaired students. There were 21 students who got this scholarship. Each student was awarded Rs 10,000 as a part of this scholarship.

17. Career Opportunities for Blind:

Guest List: Meera Badve, Director, N.A.M.V

The director Meera Badve, of Nivant Andh Mukt Visakalay conducted a session in Modern College. She discussed various career avenues for the blind and partially blind students on the college. Students were impressed and had a different view when looking for jobs post their college.

18. Geeta Israni Scholarship, Mumbai:

Guest List: Mr. Mahinder Punwani

This event was conducted in collaboration with Nihchal Israni Foundation, Mumbai. Mr. Mahinder Punwani was the main force and initiator of this event. The organization gave Rs 1,50,000 to Modern College as scholarship. 10 Students of Modern College were granted a scholarship of Rs 15,000 each by this organization.

19. Financial Assistance:

Sponsor: Chandrashekhar Potnis

Chandrashekhar Potnis is an alumni of Modern College of the 1980 batch. He donated a sum of Rs 2,00,000 for the students of statistics department who needed financial assistance.

20. Financial Assistance:

Sponsor: Dadasaheb Wadekar

Monika Natu is a Modern College Softball player who was selected for International Softball Championship. Mr. Dadasaheb Wadekar

awarded a sum of Rs 10,000 to Monika to participate in the competition.

21. Financial Assistance:

Sponsor: Rotary Club of Pune, Shivaji Nagar

Madhuri Labde is a Modern College Softball player who was selected for International Softball Championship. Rotary Club awarded a sum of Rs 14,000 to Madhuri to participate in the International Softball Championship held in Indonesia.

22. Financial Assistance

Sponsor: Modern College, Shivaji Nagar

Modern College gave financial assistance to 6 students. This assistance was provided from Modern College's Student Aid Fund. Modern College gave a sum total of Rs 10,000 to these students.

Shubhangi Puranik
Chairperson

Entrepreneurship Development Cell

Vyapar Mela 2018

Vyapar Mela 2018-19, a commercial get together was organized by Modern College of Arts, Science & Commerce, Shivajinagar Pune- 5, on 15th & 16th February 2019.This activity was funded under Entrepreneurship Skill Development Program by Savitribai Phule Pune University.

Students from various faculties of our college participated in this Vyapar Mela. A special initiative was taken by the college for students belonging to farmers. These students took advance orders of their goods cultivated in the farms.

The objective of this event was 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 the key to run a successful business. Students had a very polite and welcoming attitude which helped them to maximize their sales.

25 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.
- Photography, Caricature, Tattoo Making, etc.
- Intelligent Brain Games.
- Perfumes
- Organic vegetables, fruits and staples.

The event was inaugurated by Industrialist Hon'ble Mr. Mahesh Kulkarni and Mrs. Sunita Kulkarni, founder member and Managing Director at GN Solutions Pvt. Ltd. Pune. In his speech he guided the students about the marketing strategies, professionalism and basic business concepts. Principal Dr. R.S. Zunjarrao guided the students about developing an entrepreneur view and few important tips of starting a small business set up. Vice Principal, Dr. Milind Alandikar talked about how to develop administrative approach; he also congratulated and encouraged the students.

The event was attended by senior members of the PE Society, Vice Principals, Heads, Teachers, staff and students of our college. Participation of all these members made the event successful.

The event was managed by Dr. M.D.Alandikar (Advisor), Dr. Madhu Satam (Advisor) Prof. Manasi Thakur (Chairperson, Entrepreneurship Development Cell), Dr. Anjali Sardesai (Vice Chairperson, ED Cell), Dr. Shubhangi Puranik (Coordinator) Prof. Mrs. Fernandes (Coordinator), Prof. Manisha Suyravanshi (Coordinator), Prof. Vikram Phale (Coordinator)

The Vyapar Mela 2018-19 received an overwhelming response.

Dr. A. V. Kamble Vice Principal

Dr. Milind Alandikar Vice Principal

Equal Opportunity Cell / Gender Equality Committee

Equal Opportunity Cell / Gender Equality Committee, in association with the Department of Psychology organized a half-day Workshop on **'Gender and Sexuality Sensitization'** on Saturday, 8th September, 2018 from 12 noon to 4 pm. in the Assembly Hall of the College. The workshop was conducted by Mr. Aryan Somaiyya, M.A. (Clinical Psychology) and Mr. Rishi Talwar from iCall -Tata Institute of Social Sciences.

The workshop was conducted in a very interactive manner and every individual was motivated to openly speak about the topic. The basic terminology of gender, sex, masculine, feminine etc. was explained. The workshop was attended by more than one hundred students from undergraduate and posts graduate classes and teachers from different departments.

Prof. R. P. Date — Coordinator
Dr. A. V. Kamble — Chairperson

Value Based Education Committee

Activities and Programs conducted in Academic year 2018-19:

- Guest Lecture on 'Kriya Yoga Meditation Path' on the occasion of International Yoga Day 21st June 2018 by Yogada Satsang Society of India
- Book Exhibition Cum Sale by Yogada Satsang Society of India
- Book Exhibition Cum Sale by Chinmaya Mission, Pune
- A Guest lecture on 'Youth Empowerment' by Mr. Milind Tilak, Chinmaya Mission in collaboration with Department of Zoology
- Faculty Development Program on 'Principles of Teaching.

Prof. Vaishali Bhoite
Chairperson

संस्कृत दिन

मॉडर्न कनिष्ठ महाविद्यालयात गेली दहा वर्षे संस्कृत शिकवतीये. दरवर्षी एखाद दुसरे संस्कृतचे व्याख्यान आम्ही ठेवायचो पण ते तेवढ्यापुरतेच.

यावेळी मात्र दोन महिन्यांपूर्वी प्राचार्यांनी बोलवून संस्कृतशी निगडीत दोन तीन मोठे कार्यक्रम घ्यायला सांगितले आणि जी लागेल ती मदत मी करेन, असे आश्वासनही दिले. मी ही मग विचार करायला लागले आणि डोळ्यासमोर कालिदास दिन आणि संस्कृत दिन आले.

संस्कृत प्रेमींच्या दृष्टीने आषाढ शुद्ध प्रतिपदा म्हणजेच आषाढातला पहिला दिवस आणि श्रावण पौर्णिमा यांचे महत्त्व अनन्यसाधारण आहे. आषाढ शुद्ध प्रतिपदा हा दिवस कालिदास दिन म्हणून साजरा केला जातो. आणि श्रावण पौर्णिमा अर्थात नारळी पौर्णिमेला देशभरात संस्कृत दिन साजरा केला जातो.

पुण्यात सध्या फक्त पाचच कॉलेज मध्ये अकरावी बारावीला संस्कृत आहे. त्यामुळे त्या पाचही कॉलेज मधल्या आम्हा संस्कृत शिक्षकांचा एक छान गृप आहे. स. प. महाविद्यालयाच्या खरे मॅडम आमच्यात सगळ्यात सिनियर. योगायोगाने त्यांनीही आमच्या सर्वांसमोर एकत्रित संस्कृत दिन साजरा करुयात अशी कल्पना मांडली. आमच्या प्राचार्यांच्या सूचनेनुसार, यावर्षी आपण संस्कृत दिन मॉडर्न मध्येच साजरा करुयात असे मी त्यांना सांगितले आणि त्या आणि बाकी सगळ्यांनीही लगेच होकार दिला.

पण संस्कृत दिन म्हणजे फक्त दोन तासांचा बौद्धिक कार्यक्रम न होता, प्रत्यक्ष विद्यार्थ्यांचा सहभाग त्यामध्ये असावा, यावर आम्हा सगळ्यांचे एकमत झाले. त्यालाच अनुसरून पुणे महानगरातील संस्कृत विषय शिकवणाऱ्या पाचही कनिष्ठ महाविद्यालयातील विद्यार्थ्यांच्या वेगवेगळ्या स्पर्धांचे आयोजन एक सप्टेंबर रोजी करण्यात आले होते.

मॉडर्न हायस्कूलच्या हॉल मध्ये हा कार्यक्रम संपन्न पडला. सौ. स्वाती पटवर्धन यांच्या ईशस्तवनाने कार्यक्रमाची सुरुवात झाली. स्पर्धेचे उद्घाटन मॉडर्न कनिष्ठ महाविद्यालयाचे उपप्राचार्य प्रा. रवींद्र इंगोले आणि वरिष्ठ महाविद्यालयाच्या उपप्राचार्या डॉ. सौ. अमृता ओक यांच्या हस्ते दीपप्रज्वलनाने झाले. स्पर्धा समन्वयक म्हणून मीच प्रास्ताविक केले.

नंतर एकंदर सात प्रकारच्या स्पर्धा यानिमित्ताने घेण्यात आल्या. संस्कृत अनुवादित गीत गायन स्पर्धा, स्तोत्र पाठांतर स्पर्धा, रसप्रश्नाः, दिलेल्या शब्दावर आधारित संस्कृत श्लोक पाठांतर, बुकमार्क तयार करणे, भेटकार्ड तयार करणे, वाचन स्पर्धा आणि लिंग ओळखणे अशा वैविध्यपूर्ण स्पर्धांना स. प. महाविद्यालय, फर्ग्युसन महाविद्यालय, गरवारे महाविद्यालय आणि मॉडर्न महाविद्यालयातील जवळपास दोनशे विद्यार्थ्यांनी उत्स्फूर्त प्रतिसाद दिला.

विद्यार्थ्यांच्या या भरघोस प्रतिसादामुळे, स्पर्धेतील चुरस ही प्रचंड वाढलेली होती आणि त्यामुळे परीक्षकांचे कामही एकदम कठीण झाले होते. या सर्व स्पर्धांचे परीक्षक म्हणून डॉ. सौ. आशा गुर्जर, सौ. सुजाता आवटी, सौ. सुमेधा देशपांडे, सौ. मृणालिनी कुळकर्णी, श्री. समीर नेर्लेकर यांनी काम बघितले.

स्पर्धेचा पारितोषिक वितरण समारंभ मॉडर्न वरिष्ठ महाविद्यालयाचे उपप्राचार्य डॉ. प्रकाश दिक्षित यांच्या हस्ते झाले. विद्यार्थ्यांचा अभूतपूर्व प्रतिसाद आणि नेटके संयोजन याचा विशेष उल्लेख त्यांनी आपल्या भाषणात केला. प्रत्येक स्पर्धेतील पहिल्या तीन क्रमांकांचा आणि दोन उत्तेजनार्थ विद्यार्थ्यांचा उचित सत्कार करुन त्यांना प्रोत्साहन दिले गेले. रसप्रश्न ही संस्कृत विषयातील वेगवेगळ्या तीस प्रश्नांची स्पर्धा होती. त्यामध्ये तीस विद्यार्थ्यांनी पैकीच्या पैकी गुण मिळवले. विशेष उल्लेखनीय म्हणजे पाच विद्यार्थ्यांनी वर उल्लेखलेल्या सातही स्पर्धांमध्ये सहभाग घेतला होता. त्यांचे विशेष कौतुक यावेळी करण्यात आले.

ही स्पर्धा आणि पर्यायाने संस्कृत दिन यशस्वी करण्यामध्ये प्रोग्रेसिव्ह एज्युकेशन सोसायटीचे कार्याध्यक्ष डॉ. गजानन एकबोटे,

संस्थेच्या सौ. ज्योत्स्ना एकबोटे, महाविद्यालयाचे प्राचार्य डॉ. राजेंद्र झुंजारराव, उपप्राचार्य प्रा. रवींद्र इंगोले, वरिष्ठ महाविद्यालयाच्या उपप्राचार्या डॉ. सौ. अमृता ओक, संस्थेचे सचिव डॉ. श्यामकांत देशमुख यांचे विशेष मार्गदर्शन लाभले.

आधी म्हटल्याप्रमाणे पुण्यातील पाचही संस्कृत शिकवणाऱ्या महाविद्यालयातील शिक्षकांच्या सहभाग आणि सहकार्याशिवाय हा कार्यक्रम एवढा यशस्वी झालाच नसता. स. प. महाविद्यालयाच्या प्रा. सौ. ज्योत्स्ना खरे, प्रा. सौ. संपदा देशपांडे, फर्ग्युसन महाविद्यालयाच्या प्रा. सौ. विनया नीळकंठ आणि गरवारे महाविद्यालयाच्या प्रा. सौ. भाग्यश्री प्रभुदेसाई यांच्या शिवाय हा संस्कृत दिन आणि पर्यायाने या स्पर्धा प्रत्यक्षात मूरतरुपात आल्याच नसत्या. खूपच मोलाची मदत या सर्वांनी केली. माझी मैत्रीण डॉ. वैशाली आहेर सुद्धा माझ्या मदतीला एकदम वेळेवर धाऊन आली. कार्यक्रमाला साजेशी रांगोळी काढणाऱ्या गायत्री आणि मोनिका, हक्काचा फोटोग्राफर राहूल आणि शिक्षकेतर कर्मचारी राजू जाधव आणि शावलकर यांच्या मदतीशिवाय हा कार्यक्रम एवढा छान झालाच नसता.

प्राचार्यांच्या एका सूचनेवरून उदयाला आलेला हा संस्कृत दिनाचा कार्यक्रम सगळ्यांच्या सहभागाने आणि मदतीने अतिशय यशस्वी झाला. आणि त्यामुळेच आता दरवर्षी या स्पर्धा आयोजित करण्याचा संकल्प आता महाविद्यालयाने सोडला आहे.

संस्कृत भाषेचा परिचय होण्याकरिता, यंदाच्या वर्षी 'मैत्री संस्कृतची' असा प्रमाणपत्र अभ्यासक्रम सुरु करण्यात आला.

– प्रा. भक्ती वाळवेकर

स्पर्धा परीक्षा केंद्र

स्पर्धा परीक्षा केंद्राची या वर्षात सुरुवात १ ऑगस्ट २०१८ पासून झाली. स्पर्धा परीक्षा केंद्रात २० ऑगस्ट २०१८ ते ५ सप्टेंबर २०१८ या कालखंडात १५ दिवसाची मोफत कार्यशाळा घेण्यात आली.या कार्यशाळेत एमपीएससी आणि युपीएससी परीक्षेविषयी महत्वपूर्ण मार्गदर्शन करण्यात आले. स्वप्नील शेळके,नीलम इंगोले, डॉ.वैजयंती जाधव यांनी या कार्यशाळेत विद्यार्थ्यांना मोफत मार्गदर्शन केले.या कार्यशाळेत ६० पेक्षा अधिक विद्यार्थ्यांनी सहभाग घेतला.

स्पर्धा परीक्षा केंद्रातील विद्यार्थ्यांना दुपारी २ ते ४ या वेळेत स्पर्धा परीक्षेविषयी काही महत्त्वाचे शैक्षणिक व्हिडिओ दाखवण्यात आले.त्याचबरोबर प्रा.नीलम इंगोले यांनी इंग्लिश व्याकरणाचे तास घेतले. सप्टेबर महिन्यात SSC – CGL परीक्षेची तयारी करण्याविषयी प्रा.झहीर मुलानी,श्री. गोविंद हिबारे यांनी महत्त्वपूर्ण मार्गदर्शन केले. स्पर्धा परीक्षा केंद्राच्या वतीने २६ फेब्रु २०१९ रोजी मोफत कार्यशाळा आयोजित करण्यात आली.यामध्ये SSC – CGL च्या परीक्षामधील तयारीविषयी गोविंद हिबारे यांनी मार्गदर्शन केले.

स्पर्धा परीक्षा केंद्राच्या दोन विद्यार्थ्यांनी स्पर्धा परिक्षेत यश संपादन केले. सुरेखा भणगे ही उपशिक्षणाधिकारी झाली. तर पूजा श्रीकांत गायकवाड ही पोलिस उपनिरीक्षक झाली.मराठी विभागाचे विद्यार्थी महेश कांबळे हे नेट परिक्षा उत्तीर्ण झाले . स्पर्धा परीक्षा केंद्राला केंद्राचे प्रमुख डॉ.विलास कांबळे यांचे मार्गदर्शन लाभले.

डॉ. वैजयंती जाधव
संयोजक स्पर्धा

डॉ. विलास कांबळे
परीक्षा केंद्रप्रमुख

भारतरत्न डॉ. बाबासाहेब आंबेडकर जयंती उत्साहात संपन्न

दि. १४ एप्रिल २०१९ रोजी भारतरत्न डॉ. बाबासाहेब आंबेडकर यांची १२८ वी जयंती साजरी करण्यात आली. सुरुवातीला मा. प्राचार्य डॉ. राजेंद्र झुंजारराव यांचे हस्ते डॉ. डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमेला पुष्प अर्पण करण्यात आले. मेणबत्ती, अगरबत्ती लावून वंदना घेण्यात आली. प्रा. रवींद्र इंगोले यांनी प्रास्ताविक केले. प्रास्ताविकात भारतरत्न डॉ. बाबासाहेब आंबेडकर यांच्या जीवनातील महत्त्वाच्या घटनांचा व महिलांसाठी केलेल्या विशेष कार्याचा उल्लेख केला. यानंतर प्रा. अशोक कांबळे यांनी ABP माझाची व्हिडीओ क्लिप प्रोजेक्टरचा वापर करून दाखविली. 'हिंदू कोड बील' या विषयावर ही क्लिप त्यांनी दाखविली. प्रा. नीशा भंडारे प्रा. रूपाली भंडारे प्रा. रूपाली अहिरे, प्रा. सुजाता गांगुर्डे यांनी ग्रंथालयास काही ग्रंथ भेट दिले ते मा. प्राचार्यांनी स्वीकाले.

मा. प्राचार्य डॉ. राजेंद्र झुंजारराव यांनी या अभिवादन सभेत मनोगत व्यक्त करताना महामानव डा. बाबसाहेब आंबेडकर यांच्या जीवनातील घटनांचा उल्लेख करून त्यांनी केलेल्या महत्त्वपूर्ण योगदानाची माहिती दिली. आभार प्रदर्शन प्रा. डॉ. विलास कांबळे यांनी केले. उपस्थित सर्व उपप्राचार्य, विभागप्रमुख, प्राध्यापक, शिक्षकेतर कर्मचारी यांनी डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमेस पुष्प वाहून त्यांना भावपूर्ण अभिवादन केले.

दि. १६/४/०१९ रोजी विद्यार्थी व प्राध्यापकांनी 'सलग १४ तास अभ्यास अभियान' या उपक्रमात सहभाग घेतला. प्रा. हर्ष गायकवाड यांनी 'समन्वयक' म्हणून या उपक्रमाचे यशस्वीपणे आयोजन केले. यावेळी ग्रंथालयातील पुस्तके विद्यार्थ्यांना वाचनासाठी उपलब्ध करून देण्यात आले. सहभागी विद्यार्थी व प्राध्यापकांना मा. प्राचार्य डॉ. राजेंद्र झुंजारराव यांचे हस्ते प्रमाणपत्राचे वितरण करण्यात आले.

AVISHKAR 2018-19

From the Academic year 2018-19, Savitribai Phule Pune University has started conducting *Avishkar* Research Project Competition in stages. In the first stage, the students were required to upload their ideas in the prescribed format by directly logging in to the 'Avishkar' portal. These ideas were screened by a panel of experts and some projects were shortlisted for orientation for Zonal Level.. It is a great achievement that **15 research projects** from our college were ***selected*** for **Zonal Level Avishkar 2018.** The list of selected projects is as follows:

S.N.	**Name of the Student**	**Level**	**Category**	**Title of the project**
1	Bhange Vedang and Bhagwat Redde	UG	Engineering and Technology	Optimal Ranking of Students based on Academic and emotional intelligence using Fuzzy Logic
2	Bagawade Prasad and Bhavsar Rigved	UG	Humanities, Languages and Fine Arts	Guidance for Slow Learners
3	Kadam Deepti	UG	Humanities, Languages and Fine Arts	Vidyarthi Mitra
4	Shah Simran	PG	Humanities, Languages and Fine Arts	Dance Movement Therapy with Geriatrics
5	Doshi Sammed	UG	Commerce, Management and Law	Savings Awareness Model for Students (SAMS)
6	Hari Chetrahari	UG	Commerce, Management and Law	A Study of Street Vendors in Pune City creating Liveihood opportunities in Urban areas
7	Pednekar Manish and Jithin Nair	PG	Agriculture and Animal Husbandry	Smart Irrigation System
8	Deshmukh Prajakta	PG	Agriculture and Animal Husbandry	Automatic Chemical Sprinkler for Farm
9	Kulkarni Pankaj	UG	Pure Sciences	Efficacy of Locally produced Papain Enzyme Disruption of Biofilm and Its Applications in Health Care
10	Gavhane Pavan	UG	Pure Sciences	Online NCC Website
11	Vasanti Dube	PG	Pure Sciences	Study of rate of Convergence of Variation in co-evolving population
12	Ithape Nirasha, Mohite Shweta and Sahane Deepika	PG	Pure Sciences	'I will help you' Accident Detection System
13	Sawant Prajakta, Pandit Varsha and Bhujbal Pranali	PG	Pure Sciences	Smart Ticketing System

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14	Pawar Puja	PG	Pure Sciences	Microbial Consortium Solution for Idol Immersion Pollution
15	Mane Vishwadeep	PG	Medicine and Pharmacy	Employing Carnivorous Plant Fluid Secretions to make cost effective medicinal bandages

Out of these projects, following projects were shortlisted for **University Level Avishkar 2018**

A) Engineering and Technology

S.No.	Name of the Student	Level	Title of the project	Name of the Guide
1	Bhange Vedang and Bhagwat Redde	UG	Optimal Ranking of Students based on Academic and emotional intelligence using Fuzzy Logic	Dr. Kalyani Salla

B) Agriculture and Animal Husbandry

S.No.	Name of the Student	Level	Title of the project	Name of the Guide
1	Pednekar Manish and Jithin Nair	PG	Smart Irrigation System	Prof. Manisha Suryawanshi

C) Pure Sciences

S.No.	Name of the Student	Level	Title of the project	Name of the Guide
1	Ithape Nirasha, Mohite Shweta and Sahane Deepika	PG	'I will help you' Accident Detection System	Prof. Umesh Kothavade
2	Sawant Prajakta, Pandit Varsha and Bhujbal Pranali	PG	Smart Ticketing System	Prof. Umesh Kothavade

Out of the above four projects, the project done by Sawant Prajakta, Pandit Varsha and Bhujbal Pranali was selected for participation at the **State Level Avishkar 2018-19** held at **Gondwana University, Gadchiroli, Maharashtra between 15th and 18th January, 2019**

It is a matter of great pride for our college that **Prof. R. M. Jagtap** was specially invited by the authorities of Savitribai Phule Pune University (SPPU) to represent SPPU at the State Level Avishkar Competition. Accordingly, following researchers from our college represented Savitribai Phule Pune University at the State Level Avishkar 2018-19

S.No.	Name of the Student	Level	Category	Title of the project	Name of the Guide
1	Ms. Sawant Prajakta	Post Graduate	Pure Sciences	Smart Ticketing . System	Prof. Umesh Kothavade
2	Prof. Jagtap R.M.	Teacher pursuing Ph. D.	Pure Sciences	Reduction of conjuncted double bond by using electrochemically generated hydrogen.	Dr. S. K. Pardeshi, Professor, SPPU.

Out of the above, following project **won the poster round** and was shortlisted for the **power point presentation round** of **State Level Avishkar 2018-19.**

S.No.	Name of the Researcher	Level	Category	Title of the project	Name of the Guide
1	Ms. Sawant Prajakta	Post Graduate	Pure Sciences	Smart Ticketing System.	Prof. Umesh Kothavade

Prof. R. P. Date
Coordinator, Avishkar, MCASC

Dr. A.S. Sardesai
Academic Research Coordinator

Academic Prize Distribution Committee

Academic prize distribution committee organizes "Prize Distribution Ceremony" for meritorious students in every academic year. In the academic year 2018-19, the function was organized on 11th February 2019.

Shri Mukund Sangoram, Editor, Dainik Loksatta, Pune was invited as **Chief Guest** for the function. **Dr Manisha Sane**, chairperson of the committee took the overview of the program. his **Principal R.S. Zunjarrao** talked about the ascending graph of the college. the schemes **Vice-Principal Prof. S.S. Deshmukh** advised the students to maintain consistency in education and future career. Mrs Swati Patwardhan introduced the Chief Guest.

Shri Mukund Sangoram guided the students about various career opportunities. He asked the students to work passionately. He said that there is no alternative for hard work.

In all 101 prizes were given to toppers in various subjects from 11th to PG from Science, Commerce and Arts faculty. These also included prizes for NSS students.

Prof Vandana Joshi compeered the event.

The list of prize-winning students is as follows.

The list of prize-winning students is as follows.

Sr.No.	Name of the Student	Criteria	Name of the Prize
		JUNIOR WING	
A		**General**	
1	Jadhav Yash Nandu	Boy from Modern High School (Marathi Medium) Pune 5 with highest total at X	Late Govind Nirgudkar Scholarship
2	Tope Sanika Somnath	Girl from P. E. S.'s Girls High School Pune 5 with highest total at X	Late Seetabai Nirgudkar Scholarship
3	1.Deshpande Tanishq Manoj	Student from a school of P.E.S.	Dwarika Sangamnerkar Prize
	2.Deshmukh Tanaya Santosh	with highest total at X (All)	
B	**Students Passing XI Exam. (Arts / Science / Commerce)**		
4	Gaidhani Gayatri Kishor	Highest Total at XI Arts	Staff Fund Prize
5	Jain Rishabh M.	Highest total at XI Commerce	1. Late Vinod Narayan Ekbote Prize 2. Staff Fund Prize
6	Chude Sanskruti Narsareddy	Highest total at XI Science Exam, Securing highest marks in Chemistry at XI Science	Staff Fund Prize, Late shri Balkrishna Likhite Prize
7	Kohinkar Saket Kailas	Securing highest marks at Physics at XI Science	Dwarkabai Parasnis Prize
8	Chavan Disha Sandeep	Securing highest marks in Mathematics at XI Science	Late shri Balkrishna Likhite Prize
C	**Students Passing XII Exam. (Arts / Science / Commerce)**		
9	Mane Ashok	Securing highest marks in Marathi at XII	Late Gauribai Mahadev Sidhaye Prize

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10	Burde Gauri S.	Securing highest marks in German at XII ,Highest Total at XII Arts	Late Shreepad Malhar Joshi Prize 1) Staff Fund Prize 2) Balkrishna Rasane Prize
11	Uttekar Harshali H.	Highest total at XII Commerce, Girl with highest total at XII Comm	1) Late Vinod Narayan Ekbote Prize 2) Balkrishna Rasane Prize 3) Late Jyotsna Godbole Prize
12	Goyal Sakshi Mukesh	Highest marks in Mathematics at XII Comm.	A.P.Phadke Prize
13	1. Deodhar Ashwini A. 2. Paygnde Ankita J.	Highest marks in Book – Keeping & Accountancy at XII Commerce	Late Jyotsna Godbole Prize
14	Barke Vaishnavi S.	Securing highest marks in Secretarial Practice at XII comm	Nargund Prize
15	Sawant Jay Tukaram	Highest total at XII Science, Highest marks in Chemistry at XII Science, Highest marks in PCM group at XII Science	1) Vasantrao Sukhtankar Prize 2) Balkrishna Rasane Prize 3) Late Raobahadur D. Balwant Prize 4) Late shri Balkrishna Likhite Prize 5) Late Dr. D. K. Atre Prize
16	1. Khatake Akhilesh R. 2. Rajadhyaksha Sejal S.	Highest marks in Mathematics at XII Science	1) A. P. Phadake Prize 2) Kamalabai Panase Prize 3) Late shri Balkrishna Likhite Prize
		SENIOR WING	
		Faculty of Arts	
D	**Students Passing FYBA**		
1	Mangrulkar Ketaki	Highest total at XII Arts & admission to F.Y.B.A. in this college	Vasudevrao Tatke Prize
2	Lubna Salim Manyar	Highest total at FYBA	Staff Fund Prize
E	**Students Passing SYBA**		
3	THAKARE MAYUR PRAKASH	Highest total at SYBA	Staff Fund Prize
4	SHINDE YOGITA SOMNATH	Highest marks in History (Special / General) at SYBA and admission to TYBA in this College	Late Sumatibai Hariramaji Bhiwagade Prize
F	**Students Passing TYBA**		
5	MURHE PRIYA SHANTARAM	Highest Total at TYBA	1) Staff Fund prize 2) Past Students Prize 3) Late Vasudev Vyankatesh Pandit Prize
6	BAPAT SNEHA GURUNATH	Highest marks in Special English at TYBA	Late Balkrishna Savalaram Rasane Prize

7	NANAWARE MOHINI KAILAS	Highest Marks in Special Marathi At TYBA, Deserving and studious Girl student of Sr. Wing	Late Balnath Shankar Pathak Prize, Narayan Chepe Prize, Golden Jubilee Fund Prize
G	**Students Passing M. A**		
8	LEEBA THOMAS	Highest total at M.A.II (English)	Memento
9	JOSHI SHRUTI VIVEKANAND	Highest total at M. A. II Marathi)	Memento
10	SANGLIKAR SUVARNA VIDYADHAR	Highest total at M. A. II (Geography)	Memento
11	MADHAVI KULKARNI	Highest total at M.A.II (Economics)	Late Purushottam Hirday Prize sponsored by Dr. M.M. Satam and Memento
12	SAPRE DAMINI RAVINDRA	Highest total at M. A. II (Psychology)	Memento
13	SALUNKE JYOTI	University rank at M. A. (Marathi)	Memento
	Faculty of Science		
H	**Student Passing FYBSc**		
14	GALANDE KARTIKI	Highest total at XII Science & admission to F.Y.B.Sc. / F.Y.B.C.S. in this college	Vasudevrao Tatke Prize
15	GAIKE PRATIKSHA MOHAN	Highest total at FYBSc	Staff Fund Prize
16	RITUJA WAGHMORE	Highest marks at FYBSc in A Group (Mathematics Group)	Narayanrao Bhagawat Prize
17	BAM DEEPA PRAKASHSINGH	Highest marks at FYBSc in B Group (Biology Group)	Narayanrao Bhagawat Prize
18	PAWAR VRUSHALI	Highest marks in Mathematics at FYBSc	Laxmibai Tatke Prize
19	KABRA GAURI	Highest marks in Chemistry at FYBSc and admission to SYBSc in this college	Dr. K. S. Kale Sponsored Prize
20	PATIL AVANTI	Highest marks in Statistics at FYBSc	Vishvanath Ramchandra Dhongade Prize
21	SINGH AARATI	Highest marksat FYBSc. Computer science	Mrs Sangeeta Raut sponsered prize
I	**Students Passing SYBSc**		
22	GAIKWAD PRAJAKTA ADHIKRAO	Highest total at SYBSc, Highest marks in Chemistry at SYBSc & admission to TYBSc in this college	Staff Fund Prize, Sadashiv Vishwanath Jog Prize
23	RAJPUROHIT UMMEDSINGH JAYSINGH	Highest marks in Physics at SYBSc	Ravishankar Rasane Prize

24	BHANUSE PRADIP VIJAY	Highest marks in Electronics at SYBSc, TYBSc Electronic student submitting Best Project, Most deserving student of TYBSc Ele. Sci.	Balkrishna Savalaram Rasane Prize, A. Gondhalekar Prize, D. Y. Gambhir Prize
25	KUBAL RAJAN RAVINDRA	Highest marks in Statistics at SYBSc	Late Indirabai Chirputkar Prize
26	YADAV RUPESHKUMAR KRISHNANAND	Highest marks in Mathematics at SYBSc	Prof. Pramila Chikate sponsored Prize
28	DOKE KARAN SANTOSH	Highest total at SYBSc & student of this college from XI to TYBSc	Matoshree Yashodabai Gadgil Paluskar Prize
29	MAHADIK SHUBHANGI	Highest marks at SYBSC Computer Science	Mrs. Madhuri Ghanekar Sponsered prize
J	**Students Passing TYBSc / TYBCS**		
30	KUNDU ROHAN	Highest total at TYBSc (Mathematics)	1) S. K. Argade Prize 2) Pralhad Nimbraj Satbhai Prize
31	GADEKAR PRAMIL BALASAHEB	Highest total at TYBSc (Statistics)	Late Nirmala Potnis Prize
30	SHELAKE MUKUND NANASAHEB	Highest total at TYBSc (Physics), Best Graduate of the year	Ravishankar Rasane Prize, Principal V K Jog Prize Late Prakash Bhagawat Prize
31	KULKARNI POOJA ARVIND	Highest total at TYBSc (Electronics)	Balkrishna Rasane Prize
32	KHADE SHUBHAM YASHWANT	Highest total at TYBSc (Chemistry), Best student at	Late Mai Bhide Prize, M. M. Gokhale Prize
		TYBSc Chemistry	
33	RAUT MADHURI RAJENDRA	Highest total at TYBSc (Botany)	Late Dr. V. D. Vartak Prize
34	VIDWANS SANKET SURENDRA	Highest total at TYBSc. (Comp. Sci.)	Mrs. Shilpa Dange sponsered prize
35	LAD PRADNYA RAMCHANDRA	Highest total at TYBSc. (Microbiology)	Mrs. Sahmala Huddekar Prize sponserd by Dr. Shilpa Mujumdar
K	**Students Passing M. Sc.**		
36	KOLHAR ASHWINI	Highest total at M.Sc. II (Microbiology.)	1) Dr. Bhagwant Huddekar Prize sponsored by Dr. Shilpa Mujumdar 2) Memento
37	BHALERAO AMRUTA ASHOK	Highest total at M. Sc. I (Ele. Sci.)	Laxman Deuskar Prize
38	CHAVAN TEJAS SANJAY	Highest total at M. Sc. II (Ele. Sci.)	1) Laxman Deuskar Prize
39	PATIL SEJAL	Highest total at M. Sc. I (Statistics)	Mrs.Ujjwala Prakash Dixit sponsored Prize

40	PARKHE ASHISH	Highest total at M. Sc. (Statistics)	1) Dr.Prof.Prakash Dixit sponsored Prize, Memento
41	DEODHAR APOORVA SATISH	Highest total at M. Sc. II (Botany)	Memento
42	GAURAV MITRA SHARMIL	Highest total at M. Sc.II (Chemistry)	1) Chemistry Dept PG staff Prize 2) Memento
43	GELA JAGRUTI	Highest total at M. Sc. I (Computer Sci.)	Prof. Vaishali Bhoite Sponsered
44	SALVI SRUSHTI PRALHAD	Highest total at M.C.A (Computer Sc.)	1) Mrs. Sheetal Patil sponsered prize 2) Memento
45	BAMB PRATIK KIRANRAJ	Highest total at M.Sc. II (Computer Sc.)	1) Mrs. Jigisha Pawar Sponsewred prize 2) Memento
46	DERMARE RUPALI VASANT	Highest total at M. Sc. (Mathematics)	Memento
47	PALLAVI RAJU NIRMAL	Highest total at M. Sc. (Physics)	Memento
48	GAWDE NEHA ARVIND	Highest total at M. Sc. II (Bio Tech.)	Memento
49	VINNIE SHOREN NOEL	Highest total at M. Sc. II (Zoology)	Memento
	Faculty of Commerce		
L	**Students Passing F.Y.B.Com.**		
50	PANIKKAR PARVATHI RAMESH	Highest total at FYBCom, Highest marks in Mathematics at FYBCom	Staff Fund Prize, Vishwanath Madhav Rayarikar Prize
51	**Students Passing S.Y.B.Com.**		
52	PAWAR SAI SANTOSH	Highest total at SYBCom	Staff Fund Prize
53	CHOUDHARY PRATIKSHA JITENDRA	Highest marks in Statistics at SYBCom, Highest marks in Economics at SYBCom	Late Sau Indirabai Chirputkar Prize, Mrs. Sandhya Vartak sponsored prize
54	GHORPADE PRIYANKA SANJAY	Highest marks in Banking at SYBCom	Late R.G. Satam Prize Sponsored by Dr. M.M. Satam
N	**Students Passing at TYBCom**		
55	PATIL SHIVANI BAJIRAO	Highest total at TYBCom., Highest marks in Advanced Costing at TYBCom, Highest marks in Accountancy & Auditing	1) Staff Fund Prize 2) Nirmala Potnis Prize 3) Past student Prize 4) Trimbak P. Gondhalekar Prize 5) Vasudev Vinayak Pandit Prize 6) Balkrishna Rasane Prize 7) Matoshree Mulabai Karnavat Prize

56	KOTTUNGUL DEON JOSEPH	Highest marks in M. Law at TYBCom.	Ravishankar Rasane Prize
57	YADAV VIKAS GULAB	Highest marks in Banking at TYBCom	Vishwanath Madhav Rayarikar Prize
58	SONAR SNEHA AVINASH	Highest marks in Statistics at TYBCom	Late Nirmala Potnis Prize
O	**Students Passing M. Com.**		
59	GAONKAR PRATIKSHA TUKARAM	Highest total at M. Com. I	Staff Fund Prize
60	KANDHARE NUTAN DNYANESHWAR	Highest total at M. Com II	Staff Fund Prize, Mememto
		Other Prizes	
1	AHIRRAO PRASAD	Most deserving student of TYBSc Statistics	Dr. Mrs. V.R.Prayag sponsored Prize
2	SHIBU JOHN	TYBSc Physics student submitting Best Project, Most deserving student of TYBSc Physics	A. Gondhalekar Prize, Y. P. Gambhir Prize
4	SAVARATKAR SIMRAN	Student writing the Best Computer Programme at TYBSc Computer Science	R. M. Marathe Prize
5	NANAWARE MOHINI KAILAS	Deserving and studious Girl student of Sr. Wing	Golden Jubilee Fund Prize
6	SAPALE NAMRATA	Deserving and studious student of Sr. wing	Late Jagannath Kale Prize
7	KULKARNI ADITYA	Excellent academic achievement (Sr. wing)	Late Pandurang Vishnu Mahadkar Prize
8	SINGH KUNAL	Past Student of Modern High School Pune with minimum 75% marks and admission to this college and most deserving and promising student	Dattatray Krishna Shenolikar Scholarship
		NSS	
9	GADHAVE PRATIKSHA	Most deserving student of NSS Sr. wing	Late B. P. Satpute Prize
10	DEDE ONKAR	Deserving student of TYBA doing good work in NSS for two years	Shankar Shelar Prize
11	PATIL SHUBHAM	Best Student of NSS Sr. Wing	Late Abhshek Walke Prize sponseres by Nisha Bhandare
12	SHAIKH ALISHA	Most deserving girl student of NSS Sr.wing	Late Sarubai Varade Prize

13	JADHAV NEHA	Deserving Student of B Sc doing good work in NSS for two years	Late Sarubai Varade Prize
14	1.DIXIT NAVNEET 2.PINGALE SANKET	Deserving Student of B Sc (Comp Sci.) doing good work in NSS for two years	Late Sarubai Varade Prize Late Sarubai Varade Prize
15	1. MHASKE ABHIJIT 2.BHINGARE AMOL 3. KADAM AABA	Best volunteer of NSS Sr. wing	Late Bhaurao G Varade Prize Late Bhaurao G Varade Prize Late Bhaurao G Varade Prize
	NCC		
16	TAWEDE HARSHAL	Best performance in Air wing NCC activities with excellent academic record	Late Sudhabai Shankar Kale Prize
17	Pushpendra Singh Pal	For attending Thal Sainik Camp	B B Yenage sponsored prize
	Cultural		
18	KAKADE ANAGHA	Excellent performance in cultural activities Sr. wing	Late Pandurang Vishnu Mahadkar cultural Prize
	Best Student Trophy		
19	SALUNKE ROHAN	Best Student Jr. Wing Best student Trophy , Memento	Late Jyotsna Godbole Prize
20	MORE RUCHIKA	Best student Sr. Wing Veer Sawarkar Prize Damodar shield, Memento	Staff Fund Prize
21	SONAR DEVESHRI	Best student Post Graduate Wing	Late Prof. G. M. Bansude Trophy
	Earn and Learn Scheme		
22	NANGARE PAWAN	Best Student from Earn and Learn Scheme	Late Krishna Mukund Ujalambkar Prize
23	SARAF DEVIKA	Best girl Student from Earn and Learn Scheme	Late Kalindi Krishna Ujalambkar Prize
	Sports		
24	Atul Ramaswamy	Best football player of the College	Late Kalpak Prakash Dixit Prize
25	Patil Paras	Excellent achievement in sports Sr. wing	Late Pandurang Vishnu Mahadkar Prize

- Dr. Manisha Sane
Chairperson

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सह्याद्रीस्तव वाचा फुटता नतमस्तक होतो माथा ।

महाराष्ट्राची रणरागिणी तुझी मराठमोळी गाथा ।



अशा ह्या माँ जिजाऊ ज्यांनी या अखंड महाराष्ट्राला मराठी जनांचा कैवारी बहाल केला. अन् त्या सह्याद्रीच्या बलदंड बाहुंमध्ये स्वाभिमानाच्या आणि अभिमानाच्या तोफा डागल्या अन् पेटून उठला हा महाराष्ट्र अन्यायाच्या विरोधात.

गनिमांच्या देखती फौजा । रणशुरांच्या फुरफुरती भुजा ।।

असा पाहिजे की राजा । कैपक्षी परमार्थी ।।

असं वर्णन ज्यावेळी समर्थ दासबोधात करतात त्यावेळी आम्हाला आठवतात ते म्हणजे

यशवंत, कीर्तिवंत । सामर्थ्यवंत, वरदवंत ।

पुण्यवंत, नीतिवंत । जाणता राजा ।।

असे हे छत्रपती शिवाजी महाराज, ज्यांनी या महाराष्ट्राच्या मातीला स्वाभिमानाचे धडे दिले, या सह्याद्रीच्या गडकोटांना आत्मविश्वासाची वलयं बहाल केली. मावळमातीला या भगव्याची पर्णछाया बहाल केली. मावळ मातीचे गडकोट उभे केले. महाराष्ट्राच्या कणाकणांतून अभेद्य तटबंदी उभारल्या. दर्याच्या बाहुंमध्ये गलबतांची पेरणी केली. सह्याद्रीला पाठीशी उभं केलं. रयतेचं राज्य उभं केलं तेव्हा तो या मराठी जनांचा कैवारी झाला तेव्हा अखंड महाराष्ट्र बोलू लागला.

आम्ही मराठीची लेकरे जणू सह्यगिरी बाप ।

आम्ही मावळाची माती जणू तलवारीची छाप ।।

रायरीचा शिवबा शोभे मराठीचा राजा ।

तत्परतेने छत्र राखितो शिवशंभू राजा ।।

३०० वर्षे उलटून गेली. यादवांचं राज्य धुळीला मिळालं. आदिलशाही, कुतुबशाही, निजामशाही, बारिदशाही आणि इमादशाही या पाच सत्ता महाराष्ट्राच्या छाताडावर थयाथया नाचत होत्या. सहावा मुघल दख्खन जिंकण्या जिवाचं रान करत होता. कोणालाही स्वातंत्र्याचा लवलेश दिसत नव्हता. आदिलशाही, निजामशाही जणु जितं जागतं सैतान, अन् तो मुघल म्हणजे त्या दोघांचाही बाप. इंग्रज, पोर्तुगीज, सिद्धी, डच, फ्रेंच सह्याद्रीचा कोकणकडा उंदरावानं कुरतडत होती. कोण देईल या सर्वांना मात? स्वत:च्या आयुष्याचं रक्ताचं पाणी करून या मातीसाठी, या मातीच्या स्वातंत्र्यासाठी एक ज्योत पेटवली. शिवबानं स्वराज्याची गुढी उभारली. आयुष्याचे गडकोट करणारे सरदार या मातीत उभे केले. आया–बहिर्णींनी स्वराज्याची गुढी उभारली. स्वराज्याची नौबत झाडली, गडकोटांनी निधडी छाताडं पुढे केली अन् त्याच मातीत स्वराज्याची उभारणी झाली आणि गर्जू लागला पुन्हा हा सह्याद्री.

सह्याद्रीचा सिंह गर्जतो कोकणकड्यावरती ।

दऱ्या–खोऱ्यांतून आवाज घुमतो हृदयी छत्रपती ।।

या स्वराज्यहितासाठी अनेक मावळ्यांनी आपले प्राण प्रणाला लावले. त्यामध्ये दादाजी कोंडदेव, दादाजी नरसप्रभु, जिवा महाला, बाजीप्रभू देशपांडे, मुरारबाजी देशपांडे, तानाजी मालुसरे, नरसाळे असे अनेक रणधुरंधरांच्या रक्ताच्या थेंबांनी हे स्वराज्याचं देखणं स्वप्न साकार झालं, म्हणूनच तर तो इतिहासही आज आम्हाला सांगतो.

मरणालाही मरण देतो सह्यगिरी हा बाप

जननी जन्मभूमीच आम्हां स्वर्गाची ती थाप

मृत्युलाही खड्या ठाकती अमरत्वाच्या वेशी

मरणालाही मांडी देतो महाराष्ट्र आपुल्या देशी

अरे ह्या राज्यांनी अफजलखानासारख्या शत्रूला पायदळी तुडवलं, सिद्धीला तलवारीच्या टोकावर नाचवलं, आदिलशाहीला गुडघ्यातून वाकवलं, अन् दिल्लीच्या तख्तालाही घाम फोडला. कुतुबशाही, इंग्रज, पोर्तुगीज, डच, फ्रेंच थराथरा कापत होते. अरे, माझा राजा कसा होता? तर म्हणतात.

दहाड पडता ह्या वाघाची हादरे दिल्ली तख्त ।

दख्खन जिंकण्या मरण पावते औरंग्याचे स्वप्न ।।

अरे या रयतेसाठी अन् या महाराष्ट्राच्या मातीसाठी झटणारा, झगडणारा अन् वेळ आली तर या मातीसाठी या मातीत मरणारा तो याच महाराष्ट्राचा अन् मराठी जनांचा स्वाभिमान होता...

अभिमान अन् स्वाभिमान या महाराष्ट्राच्या मातीचं खरं वैभव होतं. अरे धन्य ते शहाजी अन् धन्य ती जिजाई ज्यांच्यापोटी हे अनमोल रत्न जन्माला आलं. म्हणूनच या महाराष्ट्राचे संत बोलून गेले.

ऐसा पुत्र व्हावा गुंडा । ज्याचा तिही लोकी झेंडा ।।

या संपूर्ण महाराष्ट्राच्या मातीचा अन् मातीमधल्या माणसांचा अन् साऱ्या महाराष्ट्राला लाभला असा राजा ज्यानं कधीही आपल्या राज्यामध्ये जात, धर्म, वंश या जागांना स्थानच दिलं नाही. म्हणूनच आज साडेतीनशे वर्षे होऊन गेली; परंतु हा महाराष्ट्र अन् भारत कधीही राजाला विसरला नाही आणि विसरणार नाही. अरे हा महाराष्ट्र लाल मातीतल्या शहीद जवानांचा, काळ्या आईचा, माझ्या शेतकरी बापाचा, सह्याद्रीच्या दऱ्या-खोऱ्यांतील आदिवासी बांधवांचा, अन् दर्यातील या सागर पुत्रांचा हा महाराष्ट्र. ज्या राजानं हे स्वराज्य उभं केलं ते स्वराज्य हा महाराष्ट्र अनुभवतय याचा आम्हां सर्वांनाच आनंद होत आहे.

''माती ही मातीसारखीच असते. तिची मान राखणारी मती जर असेल, तर त्या मातीची मान अभिमानाने उंचावते.'' म्हणूनच मी म्हणतो,

या इतिहासाला जागृत ठेव रे महाराष्ट्र देशा ।
मातीत मरण्या भाग्य समझते मराठीची देशा ।।

शब्द....

रक्ताचे तव ओघळ फुटता हृदयालाही धार सुटे
शब्द शस्त्राची वाचा इथली धरतीलाही कंप सुटे
मनामनाला शहारे फुटण्या इथे शब्दांना धार कुठे?
शब्दांचीच जी शस्त्रं होता घायाळ होण्या कोण कुठे?

माणुसकीची पुरली नाती पराक्रमाची वाट कुठे?
शस्त्रांपरती इथे जिव्हेला मानवतेचा घाट कुठे?
शब्दांचाही भाव विकण्या तेथे स्वाभिमानाचे सुळ कुठे?
शब्दांचीच ती शस्त्रं होता घायाळ होण्या कोण कुठे?

शब्दांनीही धर्म भेदले तव रक्तांनीही अश्रू ढाळले
शब्दांखातर प्राण ही देण्या मानवतेचे मांस वाळले
शब्दांचेही प्राण ठाकता तेथे अमरत्वाचे थाळ कुठे?
शब्दांचीच ती शस्त्रं होता घायाळ होण्या कोण कुठे?

तुक्याच्या त्या दु:खांनाही शब्दांचे ते यत्न दडे
शब्दांखातर हिरोशिमाचे स्मशान होण्या बाँब पडे
शस्त्रांपरती जिव्हेच्या त्या शब्दांनाही धार उठे
बोलताना त्या शब्दांनाही कोण देते मोल कुठे?
शब्दांचीच ती शस्त्रं होता घायाळ होण्या कोण कुठे

– राजगुरू (रविंद्र नागेश शिंदे, ११ वी-जे)

महाराष्ट्राची माय मराठी...

आम्ही मराठीची लेकरे जणू सह्यगिरी बाप
आम्ही मावळाची माती जणू तलवारीची छाप
तुकोबाचे अभंग आम्हां अमृताची वाचा
ज्ञानेशाची ओवी सांगे जीवनाचा साचा
रायरीचा शिवबा शोभे मराठीचा राजा
तत्परतेने छत्र राखितो शिवशंभू राजा
माझी मराठी माउली बोले ऋचा त्या वेदांची
होनाजी अन् बाळा सांगे गोष्ट त्या लोकांची
मराठी माउली भरते आम्हां शब्दांचा तो घास
या महाराष्ट्राच्या मंदिरी असे संतांचा तो वास
बहिणा, मुक्ताई या मातेची थोरवी
शांता, शैला वाजवी आधुनिकतेची बासरी
केशव, गोविंदा शोभे या मातेचे पुत्र
मर्ढेकरांची कविता सांगे मराठीचे सूत्र
शांता रेखाटती आम्हां या मातीची सकाळ
खेड्याचा तो नामा झिजला हटविण्या संध्याकाळ
नारायण रेखाटितो आम्हां मराठीची माय
यशवंत सांगतो आम्हां दुधावरची साय
साहित्याचा मानबिंदू जणू खेरांची पुण्याई
बापुजी, गदिमा, पुलं ही त्रिरत्न जगी
ज्ञानाई भारूड रेखाटण्या सज्ज होतो पैठणाचा नाथ
महाराष्ट्राचा इतिहास गर्जतो मराठीची साथ
आई मराठी माझी गरजे महाराष्ट्राच्या तख्ती
सह्याद्रीचा बाप दावितो शिवबांना ती युक्ती
कोकण, सह्य, मावळ, मराठं, विदर्भ या मातेच्या कुशी
दफन होण्या भाग्य समजतो याच मातेच्या मुशीत

– राजगुरू (रविंद्र नागेश शिंदे, ११ वी-जे)

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आजची प्रसारमाध्यमे...

आरती विश्वकर्मा (F.Y.B.A.)

स्वातंत्र्योत्तर काळानंतर भारतीय संविधानाने प्रदान केलेल्या मूलभूत हक्कांपेक्षा अभिव्यक्ती स्वातंत्र्याचा अधिकार लाभ घेऊन एक नवीन जीवनदृष्टी लाभली आहे. भारतात प्रसारमाध्यमांनी मोठ्या प्रमाणात विकास झाला आहे. प्रसारमाध्यम म्हणजे सोशल मीडिया म्हणजे नवसमाजामध्ये जीवनाचा अविभाज्य घटक बनली आहे. ट्विटर, फेसबुक, व्हॉटस् अप, यू-ट्युब, गुगल इ. जीवनशैलीचा एक भाग बनले आहे. प्रसारमाध्यमाच्या नियमित वापरामुळे चिंता, एकटेपणा, आत्मविश्वास, कमतरता जाणवण्याचे प्रमाण दिवसेंदिवस वाढत चालले आहे. प्रसारमाध्यमे शिक्षणाच्या दृष्टीने खूप महत्त्वपूर्ण ठरली आहेत.



आजचे युग हे स्पर्धेचे युग.
संवाद क्रांतीचे युग.
शास्त्रीय युग.
असे नवे प्रसारमाध्यमाचे युग.

प्रसारमाध्यमे इतकी शक्तिवान बनली आहेत की, त्याचा वापर इतका मोठ्या प्रमाणात वाढला आहे की, ज्या व्यक्तीने त्याचा वापर केला त्याला, फायदा-नुकसानही झाले, जसे की झोप कमी होण्याची समस्याही निर्माण झाली आहे. आभासी दुनियेत स्वत:विषयीच्या अपेक्षाही वाढत जात आहेत. प्रसारमाध्यमांच्या त्या वापरामुळे भ्रमणध्वनी, दूरचित्रवाणी इ.ची किरणे शरीराच्या अवयवावर पडतात. त्यावरून त्वचेचे अनेक रोग निर्माण होतात. डोळे दुखणे, डोके दुखणे अशा प्रकारचे त्रास होतात. प्रसारमाध्यमे ही अनेक आहेत व त्याचा वापरही अनेक स्वरूपांमध्ये केला जातो.

प्रेमाची सावली म्हणजे व्हॉटस्अप,
सर्वांना एकत्रित आणणारे फेसबुक,
स्वत:ची बॅटरी न संपवता,
नेहमी माझ्याजवळ असणारा माझा फोन।।

प्रसारमाध्यमांच्या वापरामुळे खूप फायदेही झालेले आहेत. प्रसारमाध्यमांचा वापर विनोद, गप्पा-टप्पा, मस्ती न करता, स्वत:चे भविष्यासाठी वापर केल्यास आपल्याला मोठे यश लाभले असते. मोठमोठे गुन्हेगार, बॅग्ज इ. चा शोध खूप पटकन लागतो. प्रसारमाध्यमांच्या वापरामुळे आपल्याला घरबसल्या जगातील सर्व घडामोडी वेगवेगळे कामे करणे अतिशय सोपे झाले आहे. जगण्यासाठी अन्न, वस्त्र, निवाऱ्याची गरज असते. तसेच आजच्या या २१ व्या शतकात जगण्यासाठी प्रसारमाध्यमांची गरज मोठ्या प्रमाणात वाढलेली आहे. सारे जग हे या प्रसारमाध्यमांतून एका मिनिटात लगेच हवे ते मिळते. सर्व काही सोपं झालेलं आहे. कोणतंही काम हे करण्यापूर्वी सर्व पुराव्यांची गरज असते. त्यासाठी प्रसारमाध्यमांची आवश्यकता असते. प्रसारमाध्यमांच्या वाढत्या प्रभावामुळे लोक वेडे झालेले आहेत. या खऱ्या जीवनात सजीवांची कदर न करता आपण एका लहान वस्तूला आपले देव, आई-बाबा, दोस्त, सारे जग समजतो.

नातं हे जगाला दाखवण्यासाठी नसतं.
मनापासून जे सांभाळलं जातं ते खरं नातं असतं.
जवळीक दाखवणारा हा जवळचाच असतो असं नाही,
हृदयापासून जो जवळचा असतो,
तोच आपला असतो.

– व्हॉटस्अप, फेसबुक, यू-ट्युब, गुगल, ट्विटर, इनस्टा... यांचा संयमाने व विचारपूर्वक उपयोग करणे आपल्या हिताचे आहे.

आयुष्य म्हणजे

आयुष्याच्या या वाटेवर चढ-उतार
तर येतच असतात
कधी सुख तर कधी दु:खाचे क्षण हे
नशीबात लिहिलेलेच असतात
आयुष्यातील चांगले, वाईट अनुभव आपल्याला
बरंच काही शिकवून जातात...
आयुष्याच्या या प्रवासामध्ये हार
पत्करायला शिकवतात
आयुष्य हे नेहमी जिद्दीने लढायचं असते
आयुष्य हे असंच असतं ते आनंदाने
जगायचं असतं, ते आनंदाने जगायचं असतं...

– **मोहिनी ननावरे** (एम.ए. मराठी भाग १)

महाराष्ट्राची त्रिरत्ने

निकिता शंकर बहिरट (निशंब) (१२ वी ड – सायन्स)

प्रसिद्ध गीतरचनाकार व कवी श्री. गजानन दिंगबर माडगूळकर. साहित्यकार व नाटककार – श्री. पुरुषोत्तम लक्ष्मण देशपांडे आणि प्रख्यात संगीतकार, गायक – श्री. सुधीर फडके यांच्या जन्मशताब्दी निमित्त त्यांच्या कलाकारीला स्मरण करून विनम्र अभिवादन व मानवंदना. गदिमा, बाबूजी आणि पु.ल. यांचा त्रिवेणी संगम म्हणजे अवघ्या महाराष्ट्रलाच नव्हे, तर भारताला साहित्याची मिळालेली देणगीच म्हणावी लागेल. १९१९ सालीचा या तिघांचा जन्म, फरक तो काय फक्त महिन्यांचाच, पण या तिघांची कार्ये आजही अवघ्या १०० वर्षांनंतर देखील अजरामर आहेत.







खरंतर जीवन जगण्याचे अवघे सार या तिघांमधून शिकायला मिळते. कारण मानवी जीवन व कला यांचा अतिशय निकटचा संबंध आहे. आणि याच पद्धतीने प्रत्येकाने आपल्या साहित्यातून जीवनाला 'जीवनकला' म्हणून संबोधले आहे. कधी निराश झालो तर गदिमांच्या कविता वाचून मन प्रसन्न करावं. पु.ल. चे नाट्यप्रयोग पाहून निखळ हसावं आणि बाबूजींच्या सुगमसंगीतांच्या सुरेल मैफिली ऐकाव्या आणि पुन्हा नव्या जोमानं सुरुवात करावी.

गदिमांच्या साहित्यरचनेस विशेष प्रसिद्धीस आले ते 'गीतरामायण'. आणि याला जोड मिळाली बाबूंजीच्या संगीताची. यात एकूण ५६ गाणी आहेत. गदिमांना आधुनिक वाल्मिकी संबोधले जाते. या आधुनिक वाल्मिकींनी अवघ्या महाराष्ट्राला गीतरामायणाने वेड लावले. गीतरामायण अनेक भाषांमध्ये भाषांतरीत झाले; परंतु ते मूळ बाबूजींच्या संगीतावरच गायले जाते. भाषांतर करताना यातील एकाही शब्दाच्या अर्थामध्ये फरक केला नाही हे विशेष आहे. गदिमांनी गीतरामायणाबरोबरच अनेक कविता, पटकथा, संवादलेखन, गीतलेखन, चित्रपटातील छोट्या भूमिका याच्यातही वर्चस्व गाजवले. यामुळे ते मराठी चित्रपटसृष्टीत एक भक्कम आधार बनले.

बाबूंजींनी देशात आणि परदेशात गीतरामायणाचे अवघे १८०० प्रयोग केले. इतके ते लोकप्रिय ठरले. बाबूंजींच्या पत्नी देखील गायिका होत्या. त्यांनी ५० वर्षे चित्रपटसृष्टीत काम केले आणि शंभराहून अधिक चित्रपटांना संगीत दिले. सुधीर फडके यांचे जन्मनाव रामचंद्र विनायक फडके होते. एक गायक म्हणून बाबूजींनी अनेक हिंदी व मराठी चित्रपटांमध्ये पार्श्वगायन केले. त्यांपैकी काही अतिशय गाजलेली मराठी गीते 'आकाशी झेप घे रे पाखरा', 'उठ उठ पंढरीनाथा', 'जग हे बंदीशाळा', इ. सुधीर फडके यांच्या कारकीर्दीतील मानाचा बिंदू म्हणजे त्यांनी स्वरबद्ध केलेले गदिमांचे गीतरामायण. आपल्या कारकीर्दीच्या अखेरीस त्यांनी 'वीर सावरकर' या हिंदी चित्रपटाच्या निर्मितीत लक्ष घातले होते. त्यांनी पार्श्वगायन केलेला हा शेवटचा चित्रपट होता.

एकोणिसाव्या शतकात आणि आजही जे जास्त लोकप्रिय ठरले. ते आपले महाराष्ट्राचे लाडके व्यक्तिमत्त्व पु.ल.देशपांडे त्यांचं टोपण नाव भाई होतं. यांच्यावरच मराठी दिग्दर्शक महेश मांजरेकरांनी 'भाई – व्यक्ती की वल्ली' हा चित्रपट काढला. पु.ल. अष्टपैलू होते. एकही कलाक्षेत्रातील जागा त्यांनी सोडली नाही. शिक्षकापासून ते अभिनयापर्यंत सगळे काही त्यांनी त्यांच्या जीवनात केले. वयाच्या बाराव्या वर्षापासून त्यांनी स्वतः लिहायला सुरुवात केली. त्यांची बटाट्याची चाळ आजही लोकप्रिय आहे. ते घरीच पेटीवादन शिकले आणि एकदा बालगंधर्व, टिळकमंदिरात आले असता त्यांनी पु.लं. चे पेटीवादन ऐकले आणि शाबासकी देऊन भावी वाटचालीस शुभेच्छा दिल्या. त्यांनी राजा बढे यांच्या 'माझिया माहेर' कवितेला चाल लावली, आजही हे गाणे मराठी भावसंगीतातील अनमोल ठेवा म्हणून समजला जातो. 'गुळाचा गणपती' या चित्रपटात त्यांनी अष्टपैलू कामगिरी केली. कथा, पटकथा, काव्य सगळंच त्यांच होते. पु.ल. देशपांडे यांचे मराठी भाषेवर विलक्षण प्रभुत्व होते. त्यांनी पार्ले टिळक विद्यालयात शालेय शिक्षण घेतले आणि नंतर पुण्याच्या फर्ग्युसन महाविद्यालयात ते शिकले. ते १९४६ साली सुनिताबाईंशी विवाहबद्ध झाले.

१९५५ ते आकाशवाणीत नोकरी केली. बदलीवर दिल्लीला गेले असताना त्यांनी व सुनिताबाईंनी गडकरी दर्शन नावाचा कार्यक्रम

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सादर केला. या कार्यक्रमातूनच बटाट्याची चाळ चा जन्म झाला. बटाट्याची चाळ ला अभुतपूर्व लोकप्रियता लाभली.

बाबूजी, गदिमा आणि पु.ल. यांचे साहित्य अफाट आहे. त्यांची कला हीच त्यांची ओळख. त्यांच्या कलाकृतींचा रसिकांनी घेतलेला आनंद आठवणीत ठेवण्यासारखा असावा. आजवर त्यांचे मराठी चित्रपटसृष्टीत झालेले उपकार कधी न फेडण्यासारखे आहे. पुन्हा एकदा बाबूजी, गदिमा आणि पु.ल. यांना विनम्र अभिवादन आणि मानवंदना.

पु.ल. - एक स्मरण

आकांक्षा शिंदे (तृतीय वर्ष कला)

'पुल' या दोन अक्षरी विनोदमंत्रानं संपूर्ण महाराष्ट्र भारलेला आहे. ''महाराष्ट्राचं लाडकं व्यक्तिमत्त्व'' असंही सार्थ बिरुद पु.ल. देशपांडे अर्थात पुलं यांच्या नावमागं लावलं जातं. साहित्य, संगीत, नाटक, चित्रपट अशा वेगवेगळ्या क्षेत्रांत हरहुन्नरी पुलंनी त्यांच्या सर्जनशीलतेचा ठसा उमटवला.



पुरुषोत्तम लक्ष्मण देशपांडे यांचा जन्म ८ नोव्हेंबर १९१९ मध्ये मुंबईतील गांवदेवी भागात झाला.

पु.लं. देशपांडे यांचे वडील हे अडवाणी कागद कंपनीत दीडशे रुपये पगारावर फिरते विक्रेते होते. एकदा कोल्हापूरला असताना ते बहिणीकडे जेवले. त्या दिवशी त्यांनी भत्ता घेतला नाही. अशी आठवण पु.ल. देशपांडे यांनी सांगितली.

पु.लं. लहानपणापासूनच धष्टपुष्ट होते. वयाच्या दुसऱ्या वर्षी ते पाच वर्षांच्या मुलाएवढे दिसत होते. आजोबांनी लिहून दिलेले आणि पु.लं. नी पाठ केलेले दहा-पंधरा ओळींचे पहिले भाषण पु.लं. नी वयाच्या पाचव्या वर्षी त्यांच्या शाळेत हावभावासहित खणखणीत आवाजात म्हणून दाखवले. सात वर्षे अशी भाषणे केल्यानंतर वयाच्या बाराव्या वर्षांपासून देशपांडे स्वत:ची भाषणे स्वत:च लिहायला लागले आणि इतरांनाही भाषणे आणि संवाद लिहून देऊ लागले.

पु.लं. ना घरात खूप वाचन करायला आणि रेडिओवरील संगीत ऐकायला मिळाले. त्यांच्या घरी संगीताच्या बैठकाही होत असत. ते घरीच बाजाची पेटी शिकले. टिळक मंदिरात एकदा बालगंधर्व आले असताना पु.लं.नी त्यांना पेटी वाजवून दाखवली. बालगंधर्वांनी शाबासकी दिली आणि भावी कलाजीवनासाठी शुभेच्छा दिल्या. लोकांच्या वागण्यातील विसंगती आणि हास्यास्पद गोष्टी हेरून पु.ल. त्या लोकांच्या नकला करायचे. म्हणून कुणी घरी आले असताना पुरुषोत्तम जवळ नसलेलाच बरा असे आईला वाटे. पुलंची आई कारवारी, वडील कोल्हापूरचे आणि बहीण कोकणात दिलेली. त्यामुळे घरात भोजनात विविधता असे. यातूनच पु.ल. खाण्याचे शौकीन झाले.

वडिलांच्या मृत्यूनंतर पु.ल.देशपांडे गाण्याच्या, पेटीच्या व अन्य शिकवण्या करू लागले. ते शाळेत असल्यापासूनच भावगीते गायचे आणि गीतांना चाली लावायचे. कॉलेजात असताना त्यांनी राजा बढे यांच्या 'माझिया माहेरा' या कवितेला चाल लावली. आज ते गाणे मराठी भावसंगीतातील अनमोल ठेवा समजला जातो. ग.दि. माडगूळकरांनी लिहिलेल्या आणि भीमसेन जोशींनी गायलेल्या ''इंद्रायणी काठी''या गाण्याला पु.लं.नी चाल लावली होती. हेही गाणे अजरामर झाले. पु.ल. देशपांडे मुंबईतील इस्माईल युसुफ कॉलेजातून इंटर व सरकारी लॉ कॉलेजमधून एलएल. बी. झाले आणि कलेक्टर कचेरी व प्राप्तीकर विभागात काही काळ नोकरी करून पुण्याला आले. त्यापूर्वी ते पेट्रोल रेशिनिंग हायस्कूलमध्ये शिक्षक होते. पुण्याला आल्यावर त्यांनी फर्ग्युसन कॉलेजमधून बी.ए. आणि नंतर एम.ए. केले.

१९३७ पासून नभोवाणीवर पु.ल. देशपांडे छोट्या-मोठ्या नाटिकांत भाग घेऊ लागले. त्यावर्षी त्यांनी अनंत काणेकरांच्या ''पैजार'' श्रुतिकेत काम केले. १९४४ साली पु.लं.नी लिहिलेले पहिले व्यक्तिचित्र- 'भटक्या नागपूरकर'- अभिरुची या नियतकालिकातून प्रसिद्ध झाले. याच दरम्यान त्यांनी 'सत्यकथांमध्ये' जिन आणि गंगाकुमारी ही लघुकथा लिहिली.

१९५८ मध्ये प्रकाशित झालेले 'बटाट्याची चाळ' हे त्यांचे विनोदी पुस्तक प्रसिद्ध आहे. फर्ग्युसन महाविद्यालयामध्ये असताना पु.लं.नी चिंतामण कोल्हटकरांच्या 'ललितकुंज' व 'नाट्यनिकेतन' या नाट्यसंस्थांच्या नाटकांतून भूमिका करायला सुरुवात केली. १९४८ साली पु.लं. देशपांडे यांनी 'तुका म्हणे आता' हे नाटक आणि 'बिचारे सौभद्र' हे प्रहसन लिहिले.

१९४७ ते १९५४ या काळात त्यांनी चित्रपटांमध्ये आणि चित्रपटांसाठी काम केले. वंदे मातरम्, दूधभात आणि गुळाचा गणपती या चित्रपटात कथा, पटकथा काव्य, संगीत, भूमिका आणि दिग्दर्शन पुलंचे होते.

१९४७ सालच्या मो.ग. रांगणेकरांच्या चित्रपटाला पु.ल.देशपांडे यांनी संगीत दिले आणि चित्रपटातील गाणीदेखील गायले. वंदे मातरम्मध्ये पु.ल. देशपांडे व त्यांच्या पत्नी सुनीताबाई यांच्या प्रमुख भूमिका होत्या. यात पु.ल. देशपांडे गायक–नट होते. पु.लं. चा 'देवबाप्पा' प्रसिद्ध झाला व त्यातील ''नाच रे मोरा'' हे गाणे अनेक दशके प्रसिद्धीत राहिले आणि आजही आहे. 'पुढचे पाऊल' या चित्रपटात त्यांनी कृष्णा महाराची भूमिका केली.

पुलंचा नभोवाणीशी पूर्वी संबंध आलाच होता. १९५५ मध्ये पु.ल. देशपांडे 'आकाशवाणीत' नोकरीला लागले. आकाशवाणीसाठी त्यांनी अनेक श्रुतिका लिहिल्या आणि भाषणे दिली. १९५६–५७ मध्ये ते आकाशवाणीवर प्रमुख नाट्यनिर्माता झाले. बदलीवर दिल्लीला गेले असताना त्यांनी व सुनीताबाईंनी 'गडकरी दर्शन' नावाचा कार्यक्रम सादर केला. या कार्यक्रमांतूनच 'बटाट्याची चाळ'चा जन्म झाला. बटाट्याच्या चाळीला अभूतपूर्व लोकप्रियता लाभली.

१९५७ मध्ये पुलंना आकाशवाणीने युनेस्कोच्या शिष्यवृत्तीवर मीडिया ऑफ मास कम्युनिकेशन या अभ्यासक्रमासाठी लंडनला बीबीसीमध्ये पाठवले. १९५९ मध्ये पु.ल. देशपांडे भारतातील पहिले दूरचित्रवाणी कार्यक्रम निर्माते झाले. दिल्ली दूरदर्शन सुरू झाले त्यावेळचा पहिला कार्यक्रम पुलंनी निर्मिला होता.

दूरदर्शनवर बिरजू महाराजांच्या नृत्याचा कार्यक्रम होता. संथगतीत सुरू झालेल्या नृत्याची लय वाढत वाढत चौपट झाली. अशा वेळी त्या द्रुतगतीतही तबला वाजवून पुलंनी आपले तबला प्रावीण्य दाखवून दिले.

साहित्य अकादमी, संगीत नाटक अकादमी या दोहोंचे पुरस्कार मिळवणाऱ्या मोजक्या प्रतिभावंतांत पुलंचा समावेश होतो. मुंबईच्या 'नॅशनल सेंटर फॉर आर्ट्स' (NCPA) या संस्थेत पुलंनी अनेक प्रयोग केले. संशोधकांना आधारभूत होतील असे असंख्य संदर्भ कलांचा इतिहास, ध्वनिफित, मुलाखती, लेख आदी बरेच साहित्य पु.लं.नी जमा करून ठेवले आहे. मराठी नाटकाच्या आरंभापासूनचा इतिहास त्यांनी अशा जबरदस्त प्रयत्नांनी लिहिला की, त्यांच्यावरून स्फूर्ती घेऊन भारतातील अनेक जणांनी त्यांच्या त्यांच्या प्रांतातील कलांचा इतिहास जमा करून नोंदवायची सुरुवात केली. NCPAच्या रंगमंचावर पु.ल. देशपांडे यांनी देवगाणी, बैठकीची लावणी, दोन पिढ्यांची गायकी असे काही अनोखे कार्यक्रम सादर केले. पु.ल. भाषाप्रेमी होते. त्यांना बंगाली, कानडी येत असल्याने ते त्या–त्या समाजातील लोकांत सहज मिसळत. पु.ल. देशपांडे यांच्या साहित्यकृतीवर आजवर बरीच नाटके आणि चित्रपट झाले आहेत. शिवाय त्यांच्या साहित्यावर आधारित 'नमुने' नावाची हिंदी मालिका 'सोनी सब' या वाहिनीवर प्रसारित होत आहे. पु.ल. देशपांडे यांच्या जीवनावर महेश मांजरेकर यांनी 'भाई – व्यक्ती की वल्ली' या नावाचा मराठी चित्रपट काढला आहे.

पु.ल. देशपांडे हे लोकप्रिय मराठी, लेखक, नाटककार, नट, कथाकार व पटकथाकार, दिग्दर्शक आणि संगीत दिग्दर्शक होते. त्यांना महाराष्ट्राचे लाडके अष्टपैलू व्यक्तिमत्त्व असे म्हटले जाते. त्यांच्या आद्याक्षरांवरून महाराष्ट्रात ते प्रेमाने पु.ल. म्हणून ओळखले जातात. असा हा महाराष्ट्राला लाभलेला तेजस्वी तारा पुण्यामध्ये १२ जून २००० रोजी अनंतात विलीन झाला.

पु.ल.देशपांडे व्यक्ती आणि पत्रविशेष

अस्मिता अशोक पायनाईक (एम. ए. मराठी–द्वितीय वर्ष)

मराठीतले प्रतिभावंत लेखक, चित्रपट अभिनेते, संगीतकार, दिग्दर्शक,कथाकार, नाटककार, पटकथाकार, गीतकार, संवादलेखक, विनोदी लेखक, पद्मश्री व पद्मभूषण मानकरी, संवादिनी वादक अशा बहुरंगी वैशिष्ट्यांचा ठेवा असणारे महाराष्ट्राचे लाडके व्यक्तिमत्त्व म्हणजे पुरुषोत्तम लक्ष्मण देशपांडे, अर्थातच पु.ल. देशपांडे.

पु.ल.च्या साहित्याचा आवाका फार मोठा आहे. पण त्यातल्या त्यात अघळपघळ, अपूर्वाई, एका कोळीयाने, खोगीरभरती, गोळाबेरीज, पूर्वरंग, बटाट्याची चाळ, वंगचित्रे, व्यक्ती आणि वल्ली, गणगोत, तुका म्हणे आता, अंमलदार ही काही उल्लेखनीय प्रसिद्ध साहित्यकृती आहेत. पण एकुणच पु. ल. देशपांडेच्या साहित्याचा विचार करता त्यांच्या असंख्य लेखनातील ही पुस्तके काही भाग आहेत. इतर अनेक कथा, कादंबरी, प्रवासवर्णने, चरित्र, संकीर्ण, एकपात्री प्रयोग, नाटके, एकांकिका, विनोदी कथा, व्यक्तिचित्रे, लोकनाट्य, लेख पु.ल.नी लिहिले. इतकेच नाही तर त्यांनी अनेक उत्कृष्ट चित्रपटांसाठी कथा, पटकथा, संगीत, दिग्दर्शक म्हणून कामही केले. १९५५ मध्ये आकाशवाणीत नोकरीला लागल्यानंतर त्यांनी आकाशवाणीसाठी अनेक श्रुतिका लिहिल्या, भाषणे दिली. तसेच १९५६–५७ या काळात आकाशवाणीवर प्रमुख नाट्यनिर्माता म्हणून ते काम करु लागले. १९५९ मध्ये पु.ल. देशपांडेनी दुरदर्शनच्या पहिल्या कार्यक्रम प्रसारणासाठी पंडीत नेहरुची मुलाखत घेतली. यामुळे भारतातील

पहिले दूरचित्रवाणी कार्यक्रम निर्माते व दूरदर्शनचे पहिले मुलाखतकार होण्याचा मान पु. ल. देशपांडेंनी मिळवला. अशा अष्टपैलू व्यक्तिमत्त्वाच्या साहित्यकृतींची चिकित्सा करणे शक्यच नाही. कारण अफाट साहित्यसंपदा निर्माण करुन; महाराष्ट्रालाच नव्हे, तर महाराष्ट्रा बाहेरील लोकांनाही आपल्या विनोद बुद्धीने हसवणाऱ्या व्यक्तिशी कृतघ्न झाल्यासारखे वाटेल. कृतज्ञतापूर्वक चिकित्सा करणे हा वेगळा भाग. पण त्यातल्या त्यात पु. ल. देशपांडेंनी लिहिलेली पत्रे व त्या पत्रांचे विशेष मांडण्याचा प्रयत्न करते.

पु. लं. चा भरपूर पत्रव्यवहार चालत असे. वर्षाकाठी ते किमान हजाराच्या आसपास पत्र लिहित. आपले नातेवाईक, मित्रमंळ्ळी, नवोदित लेखक, दलित लेखक व वाचकांशी पु. ल. चा पत्रव्यवहार होई. पु.लं. नी लिहिलेले प्रत्येक पत्र हे त्यांच्या अंत:करणातील माणसाबद्दल असणाऱ्या जिव्हाळ्याची साक्ष देते. पु.लं. ची अनेक पत्रे ही आकाराने दीर्घ आहेत. पु.लं.च्या एकूणच पत्रावरुन पु. लं. नी कायम नव्या गोष्टींचे विचाराचे स्वागत केल्याचे दिसते. तसेच त्यांचे चौफेर वाचन, नवोदित लेखकांना प्रोत्साहन देणे व समाजातील भरडल्या जाणाऱ्या लोकांबद्दल आंतरिक कळवळा ह्या त्यांच्या गुणवैशिष्ट्यांचा परिचय त्यांनी लिहिलेल्या पत्रातून होतो. पु. ल. जसा पत्रामधून सहज सोप्या पद्धतीने संवाद साधत त्याचप्रमाणे त्यांनी साहित्यलेखन केले. त्यांचे साहित्य संवादी, सोपी मराठी व सादरीकरण होईल अशा प्रकारचे आहे. त्यामुळे अनेक वाचक पु. लं. च्या साहित्याचे चाहते आहेत. त्यामुळे सतीश आळेकर म्हणतात, ''पु. लं. च्या संपूर्ण लिखाणाला उच्चारित लिखाणाचा बाज आहे.'' मधू गानू बद्दल पु. ल. खूप आपुलकी पत्रातून व्यक्त करतात. पु.लं.नी १९६४ साली मधू गानूला पत्र लिहिले. पु. ल. देशपांडेंच्या अनेक पत्रातून त्यांच्या काव्यात्मक व उत्कृष्ट चित्रमय वर्णनशैलीचा परिचय होतो. उदा. वामनराव देशपांडे यांना २३ जानेवारी १९५९ मध्ये लिहिलेल्या पत्रात ते फ्रेंच संदर्भात म्हणतात की, ''फ्रेंच मदिरा आणि मदिराक्षीला काही नाटके आणि चित्रपट पाहिल्यावर इथले सेन्सॉरबोर्ड फुकट्या पगार देते असे वाटते. ती टेबले खाद्यपेयांनी लडबडत असतात. फ्रेंच जेवण व प्रत्येक पदार्थाच्या जोडीला ठराविक मद्य या परंपरा मात्र अजून आहेत. मार्सायच्या माशाला मार्सायच्या मद्या खेरीज सद्गती लाभत नाहीत. अशी श्रद्धा आहे. या पत्राच्या नमुन्यावरुन पु. लं.ची वर्णनात्मक दृष्टी दिसून येते. पु.लं. च्या पत्रांच्या संदर्भात एक नमुद करण्यासारखे वैशिष्ट्य म्हणजे पु.लं. नी कधीही पत्रात आदरणीय, महोदय अशा प्रकारचा मायना वापरला नाही. तर ते 'प्रिय' हा आपुलकीचा शब्द सगळ्यांना पत्रातून वापरतात. तसेच पु. ल. देशपांडेंना अनेक भाषांबद्दल आदर,जिव्हाळा असल्याचे दिसून येते. मराठी, इंग्रजी बरोबरच बंगाली, कोकणी भाषांही पु.ल. बोलत असत आणि लिहित असत.



प्रसिद्ध गोमंतक कवी बा. भ. बोरकर यांना लिहिलेल्या एका कोकणी पत्रातून पु.ल.चे अस्खलित कोकणी वाचकांना वाचायला मिळते. तसेच डॉ. दत्ताराम सुखटणकर यांच्या 'माही पुनव' या कोकणी पुस्तका संदर्भातही एक पत्र पु. ल. देशपांडे यांनी सुखटणकरांना पाठवले. ते कोकणी पत्रही वाचनीय आहे. कोकणी बरोबरच पु.ल. देशपांडेंना बंगाली भाषाही उत्तम लिहिता, वाचता येत असल्याचे लता वाघ यांना पु. लं. नी लिहिलेल्या पत्रातून समजते. पुलं स्वत: जरी कितीही म्हटले की त्यांचं इंग्रजी चांगल नाही. तरीही मुक्ता राजाध्यक्ष यांना त्यांनी लिहिलेल्या इंग्रजी पत्राचा नमुनाही वाचण्यासारखा आहे. इतके करुनही पु.ल. थांबले नाहीत, तर त्यांनी गणेशशास्त्री जोशी यांना अक्षरक्ष पूर्ण पत्र संस्कृतमध्ये लिहून पाठवल्याचाही एक नमुना सापडतो. यावरुन पु.ल. देशपांडेंना अनेक भाषांचे ज्ञान असल्याचे व ते बहुभाषी प्रेमी असल्याचे त्यांच्या व्यक्तिमत्वातील विशेष जाणवतात. मुख्य गोष्ट नोंद करण्यासारखी अशी आहे की, पु.लं. नी लिहिलेले प्रत्येक व्यक्तिगणीक पत्र त्या व्यक्तिनुसार त्यांच्या भाषेत व संवाद साधण्याच्या शैलीत बदल होताना जाणवते. त्यांच्या पत्रातून येणारी वाक्यरचना, शब्द योजना ही त्या व्यक्तिचे पु.लं.शी कोणते नाते होते, त्या नात्याला साजेशी सोज्वळ व काही प्रसंही विनोदीही आहे.

पु.लं. च्या पत्रातील आणखी एक विशेष भाग म्हणजे त्यांना समाजसेवेला वाहून घेतलेल्या लोकांबद्दल जिव्हाळा असल्याचेही दिसून येते. तसेच त्या लोकांबद्दल ते पत्रातून आदर व आपुलकीची भावनाही व्यक्त करताना दिसतात. उदाहरण घ्यायचे झाले तर त्यांनी समाजसेवक बाबा आमटे यांना लिहिलेले पत्र. ते बाबा आमटे यांना पत्र लिहिताना 'प्रिय आमटे गुरुजी' अशा प्रकारचा मायना घेऊन पत्राची सुरुवात करतात. यातून त्यांना बाबा आमटे विषयी वाटणारा आदर व्यक्त होतो. तसेच पत्राच्या शेवटी ते म्हणतात. 'एक भारी वजनाचा क्रॉस खांद्यावर घेऊन चालणाऱ्या तुमच्या महामनस्काच्या वेदना तुमच्या कवितेतून बोलल्या आहेत. केवढया महान कार्यात तुम्ही आणि तुमच्या पत्नी गुंतला आहात. आमचं काम म्हणजे मनोमन नतमस्तक होऊन 'देवा, (असलासच तर) माझ्या सारख्याचं आयुष्य तुम्हा उभयतांना दे. हे मागणं मागण्याचं आहे' यातून आदर आणि आपुलकीची भावना व्यक्त होतेच पण त्यांचबरोबर 'देवा (असलासच तर)' या ओळीतून ते देवभोळे नसल्याचाही त्यांच्या व्यक्तिमत्वातील गुण अधोरेखित होतो. तसेच पु.लं.नी गंगाधर पानतवणे हे दलितांच्या

हक्कासाठी जो लढा देत होते त्यासंबंधी त्यांच्या कार्याचे कौतुक करणारे पत्र २३ मार्च १९७७ ला पाठवल्याचे सापडते. या पत्राचा विशेष पु.ल.कोणत्याही एका विचार सरणीचे नव्हते. ते फक्त मानवतेचा पुरस्कार करणारे होते. त्यांना दलितांवर होणाऱ्या अन्यायाबद्दल चीड होती. ते नवविचारांचा पुरस्कार करणारे होते. 'मराठीतील आजचे साहित्य म्हणजे दलित साहित्य' आपल्या देशातील उद्याचा शरदबाबू आमच्या दलित साहित्यातून येणारा आहे. हे त्यांनी मुंबईत भरलेल्या एका बंगाली साहित्य संमेलनाच्या उद्घाटक म्हणून भाषण करताना म्हटले. यावरुन त्यांना दलितांविषयी व दलित साहित्याविषयी असणारा आंतरिक कळवळा व्यक्त होतो. तसेच त्यांच्या अनेक पत्रात ते नवोदित व दलित लेखकांना पत्र लिहिताना आढळतात. त्यांच्या अनेक पत्रांतून नारायण सुर्वे, आरती प्रभु, दया पवार, सदा कऱ्हाडे, भास्करराव भोळे, शरदचंद्र बडोदेकर, इंद्रजित भालेराव अशी अनेक नावे आढळतात. नवोदित लेखकांना कौतुकाची थाप देणारा व प्रोत्साहीत करणारा लेखक हा त्यांच्या व्यक्तिमत्त्वातील गुण विशेष पु. लं. च्या पत्रातून व्यक्त होतो.

एकूणच पु. लं. नी लिहिलेली पत्रं ही त्यांनी अंतकरणातून लिहिली असल्याचे वारंवार लक्षात येते. त्यात कोणताही औपचारिकपणा नसून त्यांच्या मनाला जे भावलं, पटलं ते त्यांनी पत्राद्वारे व्यक्त केले आहे.त्यामुळे त्यांची पत्रे ही बोलकी वाटतात. चौफेर असलेली पु.लं. ची दृष्टी व अनेक अंगानी विचार करण्याची वृत्तीही पत्राद्वारे दिसून येते. थोडक्यात पु. लं. ची ही पत्रे म्हणजे वाचकांना पु.लं.चा काही काळ सहवास मिळाल्याचा आनंद नक्कीच देतील.

गजानन दिगंबर माडगूळकर

मराठी गीतकार आणि महाराष्ट्र वाल्मिकी

रुपाली रविंद्र चव्हाण (एम. ए. मराठी भाग – १)

(जन्म – शेटफळे – सांगली जिल्हा, १ ऑक्टोबर १९१९, मृत्यू – पुणे ४ डिसेंबर १९७७)



मराठी साहित्याला सरस्वतीने दिलेले वरदान म्हणजे ग.दि.माडगूळकर, ग.दि.माडगूळकर हे विख्यात मराठी कवी व पटकथा – संवाद लेखक होते. त्यांचे शिक्षण आटपाटी, कुंडल आणि औंध येथे झाले. गणित विषयामुळे मॅट्रिकची परीक्षा उत्तीर्ण होऊ शकले नाहीत. पुढे घरच्या गरीबीमुळे चरितार्थासाठी चित्रपटव्यवसायात आले. त्यांना लहानपणापासून लिहिण्याची, नकला करण्याची आवड होती. तिचा येथे उपयोग झाला. हंस पिक्चर्स ह्या चित्रसंस्थेच्या, मा. विनायक दिग्दर्शित ब्रह्मचारी (१९३८) ह्या गाजलेल्या चित्रपटात काही छोट्या भूमिका करून माडगूळकरांनी आपल्या चित्रपटक्षेत्रातील कारकीर्दीचा आरंभ केला. सुप्रसिद्ध साहित्यिक वि.स.खांडेकर यांचे लेखनिक म्हणूनही त्यांनी काही काळ काम केले. त्या निमित्ताने खांडेकरांच्या संग्रहातील पुस्तके त्यांना वाचावयास मिळाली. खूप लिहावेसे वाटू लागले. त्यांच्या कविता लेखनालाही वेग आला. नवयुग चित्रपट ह्या चित्रसंस्थेत के. नारायण काळे ह्यांच्या हाताखाली साहाय्यक दिग्दर्शक म्हणून काम करण्याची संधी माडगूळकरांना मिळाली. तसेच आचार्य अत्रे ह्यांच्या सोप्या पण प्रसिद्ध गीतरचनेचा आदर्श त्यांच्या समोर राहिला.

नवहंस पिक्चर्सच्या भक्त दामाजी (१९४८) आणि पहिला पाळणा (१९४२) ह्या चित्रपटांची गीते लिहिण्याची संधी मिळाली. पुढे राजकमल पिक्चर्सच्या लोकशाहीर रामजोशी (१९४७) ह्या चित्रपटाची कथा संवाद आणि गीते त्यांनी लिहिली. त्यात एक भूमिकाही केली. ह्या चित्रपटाला फार मोठी लोकप्रियता लाभली. त्यानंतर कवी आणि लेखक अशा दोन्ही नात्यांनी माडगूळकर हे मराठी चित्रपटसृष्टीचा एक भक्कम आधार बनले. गीतकार, कथा संवादकार आणि अभिनेते म्हणून दीडशेहून अधिक मराठी आणि कथा संवादकार म्हणून पंधरा हिंदी चित्रपटांसाठी त्यांनी काम केले. त्यांनी मराठी चित्रपटांसाठी लिहिलेली गीते चैत्रबन (१९६२) ह्या नावाने संग्रहित आहेत. तसेच त्यांनी लिहिलेल्या काही मराठी चित्रकथाही पुस्तकरूपाने प्रसिद्ध झाल्या आहेत. (तीन चित्रकथा १९६३).

मराठी शब्दांना अजरामर किंबहुना त्याला अक्षराचा साज चढवून प्रत्येक शब्द ओळ न् ओळ जिवंत करणारा हा आधुनिक काळातला वाल्मिकी केवळ कविता, गाणी, पटकथा, संवाद एवढंच नाहीतर कलाकार बनून भूमिका साकारणारे ग.दि.मा. एक शब्दांचा महासागर या शब्दप्रभूला शब्दांत अंकित करण्याचा हा साधा प्रयत्न आहे. माडगूळकरांच्या कवितेवर ज्ञानेश्वर, नामदेव, तुकाराम आदि संतांच्या कवितेप्रमाणेच पंडिती आणि शाहिरी कवितेचेही सखोल संस्कार झाले आहे. त्याचा प्रत्यय त्यांनी चित्रपटांसाठी लिहिलेल्या सुंदर घाटाच्या सोप्या परंतु प्रभावी गीतांतूनही येतो. त्यांच्या कवितेतील अस्सल

मराठमोळेपणामागेही हेच संस्कार उभे असल्याचे दिसते. त्याचप्रमाणे लोकगीतांच्या लोभस लयतालांनी त्यांची गीते नटलेली असत. उत्तम समरगीते आणि बालगीतेही त्यांनी लिहिली. मराठी रसिकांनी माडगूळकरांच्या काव्यरचनेला मनःपूर्वक प्रतिसाद दिला. आणि त्यांच्या गीतरामायणाने तर कीर्तिचा कळस गाठला. त्यांना 'महाराष्ट्र वाल्मिकी' ही सन्माननीय पदवी लोकांनी स्वयंस्फूर्तीने दिली. गीतरामायणाच्या गायनाचे शेकडो कार्यक्रम झाले आणि अजूनही होत आहेत. अन्य भारतीय भाषांत त्याचे अनुवादही झाले.

गीतरामायण

ग.दि.माडगूळकर हे आधुनिक काळातील मराठी भाषेतील अग्रगण्य साहित्यिक होते. संत, कवी नसले, तरी त्यांचे गीतरामायण फार लोकप्रिय आहे. गीतरामायण हे रामायण प्रसंगावर आधारित ५६ मराठी गीतांचा संग्रह. हे गीतरामायण आकाशवाणीला पुण्यात १९५५–५६ मध्ये प्रसारित केले. गीतरामायण हे गदिमांनी लिहिले आणि सुधीर फडके यांनी संगीत दिले. त्याकाळी ते खूप प्रसिद्ध झाले. त्यांचे अनुवाद अनेक भाषांमध्ये झाले.

गदिमांनी रामायण रचून वाल्मिकींच्या शब्दांना सुरात गाता येईल असे गुंफिले. सुधीर फडक्यांनी सप्तसुरांचं कोंदण दिले आणि गीतरामायणांनी इतिहास घडविला. स्वये श्रीरामप्रभू ऐकती ही उक्ती खरंच वास्तवात उतरली. आज गदिमांचे शताब्दी वर्ष आहे, प्रत्येकाच्या चैतन्यातला राम अजूनही ते रामायण, ती गाथा, ते कवन ऐकतोय. तोच भाव, तीच श्रद्धा ठेवून, समाजमनाला एक सुखाचा, आनंदाचा ऊर्मीचा ठेवा सतत देणारा, तत्त्व आणि जगण्याची कला शिकवणारा. जीवनातील तत्त्व साध्या शब्दांतून रंगवणारा, हा अद्‌भुत शब्दकवी, शब्दांचा जादूगार, या गदिमांबद्दल कितीही लिहिले तरी शब्दांत गवसणार नाही. अशा या शब्दप्रभूला मानाचा मुजरा.

श्री. सुधीर फडके (बाबूजी) – श्रेष्ठ संगीतकार

सायली शंकर कांबळे (एम.ए. मराठी –द्वितीय वर्ष

रामचंद्र विनायक फडके उर्फ सुधीर फडके यांचा जन्म कोल्हापूर येथे २५ जुलै १९१९ रोजी झाला. सुधीर फडके हे महाराष्ट्रातील संगीतकार व गायक होते. त्यांना त्यांचे चाहते बाबूजी या नावाने ओळखतात. फडकेंच्या आईचे नाव गायिका सौ. ललिता देऊळकर–फडके आणि वडील विनायक फडके हे होय.



सुधीर फडके यांनी मराठी चित्रपटसृष्टीवर साधारण ५० वर्षे राज्य केले. बाबूजींनी शास्त्रीय गायनाचे प्राथमिक शिक्षण हे कोल्हापूरच्या कै. वामनराव पाध्ये यांच्याकडे घेतले. त्यांनी आपल्या या कारकीर्दीची सुरुवात १९४१ साली एच.एम.व्ही. या संगीत क्षेत्रातील अग्रगण्य संस्थेतून केली. १९४६ साली ते पुण्याच्या प्रभात चित्र संस्थेत संगीत दिग्दर्शक म्हणून रुजू झाले. तिथे त्यानी अनेक हिंदी, मराठी चित्रपटांना संगीत दिले. तसेच अनेक चित्रपटांसाठी पार्श्वगायन सुद्धा केले. त्यांच्या कारकीर्दीतील सर्वोच्च क्षण म्हणजे त्यांनी १९६० च्या दशकात स्वरबद्ध केलेले गदिमांचे गीतरामायण. गीतरामायणाचे कार्यक्रम तेव्हा रेडिओवर (All India Radio) वर्षभर प्रसारित होत होते. आजही त्यांचे प्रयोग अफाट गर्दी खेचत आहेत. आपल्या कारकीर्दीच्या अखेरीस त्यांनी 'वीर सावरकर' या स्वातंत्र्यवीर विनायक दामोदर सावरकर यांच्या जीवनातील हिंदी चित्रपटाच्या निर्मितीत लक्ष घातले. हा चित्रपट जनतेकडून जमा केलेल्या वर्गणीतून निर्माण करण्यात आला होता. बाबूजींनी पार्श्वगायन केलेला व संगीत दिलेला हा शेवटचा चित्रपट होय. या चित्रपटाच्या निर्मितीसाठी सुधीर फडके यांनी अफाट श्रम केले. या सर्व इतिहासाची माहिती देणारे पुस्तक प्रभाकर मोने यांनी लिहिले आहे. पुस्तकाचे नाव – स्वातंत्र्यवीर सावरकर चित्रपट – एक शिवधनुष्य (परचुरे प्रकाशन २००४).

कै. सुधीर फडके हे राष्ट्रीय स्वयंसेवक संघात जवळजवळ ६०वर्षे होते. तसेच अमेरिकेमध्ये इंडिया हेरिटेज फाऊंडेशनच्या स्थापनेमागे त्यांचीच प्रेरणा होती.

बाबूजींनी एकूण १११ चित्रपटांना संगीत दिले. त्यापैकी २१ चित्रपट हे हिंदी भाषेतील गाजलेले चित्रपट आहेत. त्यांपैकी काही चित्रपट पुढीलप्रमाणे – गोकूळ (१९४६), आगे बढो (१९४७), सीता स्वयंवर (१९४८); अपराधी, जयभीम, माया बाजार, रामप्रतिज्ञा, संत जनाबाई (१९४९), श्रीकृष्ण दर्शन (१९५०); मालती माधव, मुरलीवाला (१९५१), पहली तारीख (१९५४), रत्न घर (१९५४), शेवग्याच्या शेंगा (१९५५), देवघर, सजनी (१९५६), गजगौरी (१९५८), गोकुल का चोर (१९५९), भाभी की चूडियां (१९६१),

प्यार की जीत (१९६२), एकटी (१९६८), आधार (१९६९), दरार (१९७१), शेर शिवाजी (१९८१), रुक्मिणी स्वयंवर, आम्ही जातो आमुच्या गावा, पुढचे पाऊल, जगाच्या पाठीवर, सुवासिनी, प्रपंच, आणि मुंबईचा जावई.

बाबूजींनी एक गायक म्हणून अनेक हिंदी व मराठी चित्रपटांमध्ये पार्श्वगायन केले. त्यापैकी काही अतिशय गाजलेली मराठी गीते पुढे दिली आहेत. यातील काही चित्रपटांत नसलेली भावगीतेही आहेत.

भावगीते – अंतरी गूढ गर्भी, अशी पाखरे येती, कुठे शोधिसी रामेश्वर, डाव मांडून मांडून मोडू नको, तुझे गीत गाण्यासाठी, तोच चंद्रमा नभात, दिसलीस तू फुलले ऋतू, प्रिया आज माझी नसे साथ द्याया, सखी मंद झाल्या तारका, स्वर आले दुरूनी, इ.

चित्रपटातील गाणी – आकाशी झेप घे रे पाखरा (आराम हराम आहे), जग हे बंदीशाळा (जगाच्या पाठीवर), तुझे रूप चित्ती राहो (गोरा कुंभार), देव देव्हाऱ्यात नाही (झाला महार पंढरीनाथ), देवा तुला दया येईना कशी (पाटलीण), देहाची तिजोरी (आम्ही जातो आमच्या गावा), धिरे जरा गाडीवाना (नरवीर तानाजी), नवीन आज चंद्रमा (उमज पडेल तर), बाई मी विकत घेतला श्याम (जगाच्या पाठीवर), बोलत नाही वीणा (पडदा), मानवतेचे मंदिर माझे (ते माझे घर), यशवंत हो जयवंत हो (भिंतीला कान असतात.), लाडकी शंकुतला (सुवासिनी), विठ्ठला तू वेडा कुंभार (प्रपंच), स्त्री जन्मा ही तुझी कहाणी (बाळा जो जो रे), तुज सगुण म्हणू की निर्गुण रे (संत–गीत).

सुधीर फडके यांना मिळालेले पुरस्कार

१. राष्ट्रपती पदक (१९६३) – हा माझा मार्ग एकला (चित्रपट)
२. सह्याद्री स्वररत्न पुरस्कार (२००२)
३. दीनानाथ मंगेशकर पुरस्कार (१९९८)
४. लता मंगेशकर पुरस्कार (२००१)
५. अल्फा जीवन गौरव पुरस्कार (२००१)

सन्मान –

सुधीर फडके यांच्या स्मृतिप्रीत्यर्थ अनेक कार्यक्रम होत असतात. त्यांपैकी एक पुढीलप्रमाणे – पिंपरी प्राधिकरणातील मधूगंधर्व संस्थेतर्फे शाहूनगर येथे सुधीर फडके स्मृती गायन स्पर्धा.

चरित्रग्रंथ – स्वरश्री बाबूजी – लेखक वसंत वाळुंजकर

जगाच्या पाठीवर – सुधीर फडके हे आत्मचरित्र !

गीतरामायण – सुधीर फडके यांच्या कारकीर्दीतील मानाचा बिंदू म्हणजे त्यांनी स्वरबद्ध केलेले गदिमांचे गीतरामायण. गीतरामायणात एकूण ५६ गाणी आहेत. त्यामध्ये गदिमांनी रामायणातले सर्व प्रसंग अतिशय ओघवत्या भाषेत वर्णिले आहेत.

गीतरामायणांचे आजपर्यंत हिंदी, गुजराती, कन्नड, बंगाली, आसामी, तेलगू, मल्याळी, संस्कृत, कोकणी अशा विविध भाषांमध्ये भाषांतरे झालेली आहेत. या सर्व भाषांतराचे वैशिष्टये म्हणजे भाषांतरकर्त्यांनी अर्थामध्ये एका मात्रेचाही फरक केलेला नाही. ही सर्व भाषांतरे मूळ बाबूजींनी दिलेल्या चालीवरच गायली जातात.

बाबूंजींनी स्वतः त्यांच्या आयुष्यात गीतरामायणाचे जवळजवळ १८०० प्रयोग केले. हे प्रयोग त्यांनी स्वदेशात तसेच परदेशांत केले आहेत. या गीतांना ग.दि.माडगूळकरांची शब्दरचना आणि सुधीर फडके यांचे संगीत असलेली गाणी महाराष्ट्राच्या संगीत इतिहासात अजरामर झाली आहेत. असा दोन प्रतिभासंपन्न कलावंतांचा संगम क्वचितच अनुभवायला मिळतो. गीतरामायणासारखी संगीत कलाकृती पुन्हा निर्माण होण्यासारखी नाही.

दहावीतली 'ती'

बसलो होतो निवांत
विचार करीत शांत
भूतकाळाच्या विचारांत भविष्याची संक्रांत
बरसू लागले ते क्षण अंतरीच्या पावसांत
अचानक आठवली ती
हरवलेल्या सुरांच्या एकांतात
पलटू लागले पान
वही होती कोरी
कोऱ्या पानांवरती पण...
होती का माझी लव्हस्टोरी ?
पण तरी सुद्धा...

हलकेच दिसले 'ती'चे चित्र मनाच्या पडद्यावर
रोज बसायची 'ती' शेवटच्या बाकावर
तिच्यासाठी जायचो रोज केस माझे विंचरुन
समोर आली 'ती'
की जायचो सगळं विसरुन
मात्र...

'त्या' दहावीनंतर अनेक प्रश्न मनातंच विरून गेले
क्षणांच्या उंबरठ्यावरती उत्तरेही धूसर झाले

आणि मग सरतेशेवटी...
हरवलेल्या त्या वाटेवर
फक्त आठवणींची धूळ असते
पडतो पुन्हा तोच प्रश्न
ती सध्या काय करते ?

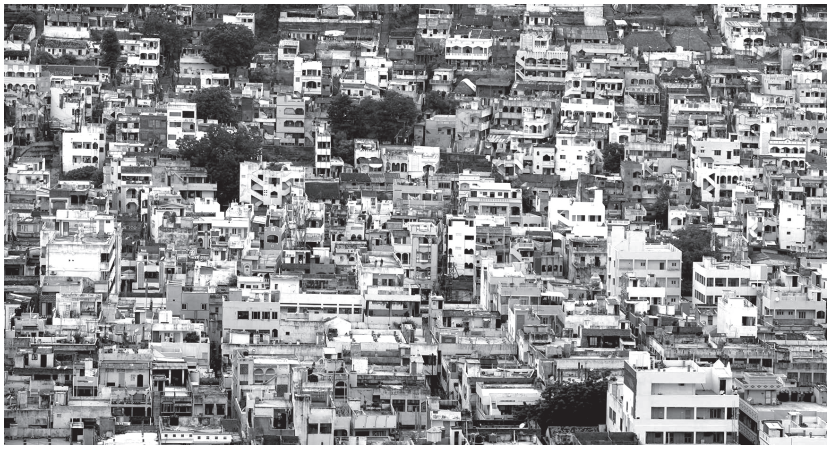
– **नारायण जाह्नवी जोशी**
(प्रथम वर्ष वाणिज्य)

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वाढते शहरीकरण देशापुढील समस्या

आदिती माने (F.Y.B.Com.)

वाढत्या लोकसंख्येप्रमाणे लोकांच्या गरजाही वाढत चालल्या आहेत. एकत्र कुटुंब पद्धत बदलत चालली असून, माणसे स्वत:ची सदनिका घेणे पसंत करत असल्यामुळे अधिकाधिक इमारती उभ्या राहाताना दिसतात. वाढते औद्योगिकरण व खेड्यांतून शहराकडे होणारे लोकांचे स्थलांतर हेही शहरीकरणाचे कारण आहे. या



स्थलांतरामुळे शहरातील लोकसंख्या वाढत चालल्यामुळे रोजगाराचे प्रमाणही कमी होत चालले आहे. शहरीकरणामुळे मोकळी जागा कमी होत चालली आहे. तसेच मैदानेही कमी होत आहेत. वाढत्या लोकसंख्येचा समावेश करण्यासाठी गगनचुंबी इमारती उभ्या होत आहेत. वाढत्या शहरीकरणामुळे प्रदुषणाची समस्या दिवसेंदिवस वाढत चालली आहे. यामुळे लोकांचे स्वास्थ्य बिघडले आहे. शहरीकरण, झालेल्या भागातील वृक्ष तोडल्यामुळे मोठ्या प्रमाणावर निसर्गाची हानी होत जाते. हे शहरीकरण पुढील येणाऱ्या काही वर्षांत रोखता आले नाही, तर निसर्गातील झाडे कमी होत जाऊन सगळीकडे सिमेंटचे जंगलच दिसेल.

शहरीकरणामुळे सामाजिक अवस्थेवरसुद्धा परिणाम होतो. आता शहरातून एकत्र कुटुंबपद्धती जवळजवळ नाहीशीच होत चालली आहे. सर्वजण स्वत:चाच विचार करू लागले आहेत. त्यामुळे सामाजिक बांधीलकी कमी होत चालली आहे. त्यामुळे आजकाल वृद्धाश्रमांची गरज वाढत चालली आहे. शहरांमध्ये होत असलेल्या अतिक्रमणामुळे सगळीकडे आसपास असलेल्या इमारती व चालू असलेल्या बांधकामेच जास्त करून दिसू लागली आहेत. वाढत्या शहरीकरणामुळे अग्नी सुरक्षा व वाहतूक समस्या निर्माण होऊ लागल्या आहेत. शहरीकरणामुळे मुलांच्या मानसिक आरोग्यावरही परिणाम होत आहे. ध्वनिप्रदूषण, दिवसभरातील धावपळ यामुळे शारीरिक आरोग्य व मानसिक आरोग्य यावरही विपरीत परिणाम होत असलेले दिसून येत आहे. इतरही अनेक आजार जसे की, स्वाईन फ्ल्यू, डेंग्यू, मलेरिया हे सर्व आजारांची लोकांमध्ये लागण होण्याचे प्रमाणदेखील वाढत चालले आहे. एकंदरीत यावरील सर्व समस्या आत्ताच निवारणे कठीण झाले आहे, तर भविष्यात काय होईल?

वाढत्या शहरीकरणामुळे व वाढत जाणाऱ्या लोकसंख्येमुळे घनकचरा वाढत चालला आहे. त्यामुळे याचे प्रमाण वर्षानुवर्षे वाढत चालले आहे. या घनकचऱ्याचे विघटन करणे हे एक आव्हान बनले आहे. वाढत्या शहरीकरणामुळे पाणीपुरवठा पुरवणे ही एक अडचण बनली आहे. अधिक लोकसंख्येमुळे पाणी पुरवणे अडचणीचे झाले आहे. शहरीकरणामुळे डोंगर कमी केले जात आहेत. त्यामुळे जलप्रलयाला डोंगरफोड तसेच अनियंत्रित बांधकाम कारणीभूत ठरत आहे. शहरांचा विकास करण्यासाठी उदाहरणार्थ रस्तेबांधणी व मेट्रोचे बांधकाम करण्यासाठी तलाव जलाशय बुजवले जात आहेत तसेच जलाशय प्रदूषित केले जात आहेत.

वरील सर्व कारणांचा देशाच्या विकासावर विपरीत परिणाम होत चालला आहे. या सर्व परिणामांचा बारकाईने विचार करणे अत्यंत गरजेचे आहे. शहरीकरण आणि त्याचा वेग थोपवणे हे आता गरजेचे झाले आहे. शहरीकरणाचा पर्यावरणावर, होणाऱ्या परिणामांचा विचार करता सर्वांनीच आतापासून विचार केला पाहिजे. त्यामुळे योग्य त्या उपाययोजना अमलात कशा आणता येतील याचा विचार केला पाहिजे. त्यात शहरांबाहेरील खेड्यांचा योग्य प्रमाणात विकास करण्यावर भर दिल्यास गावाकडून शहराकडे येणारा लोंढा कमी होण्यास मदत होईल. खासगी गाड्यांचा वापर कमीत कमी करून सार्वजनिक वाहनांचा वापर केल्यास रस्त्यावरील वाहनांची गर्दी कमी होण्यास मदत होईल. यासाठी प्रत्येकाने आपली जबाबदारी ओळखून योग्य ती पावले टाकली तर शहरीकरणाचे दुष्परिणाम निश्चितपणे कमी होईल.

राजा शिवछत्रपती – रयतेचा राजा

श्रद्धा अशोक बोडके (XI-G)

''निश्चयाचा महामेरू । बहुतजनांस आधारू ।
अखंड स्थितीचा निर्धारू । श्रीमंतयोगी ।।''
''यशवंत कीर्तिवंत । सामर्थ्यवंत वरदवंत ।
पुण्यवंत नीतिवंत । जाणता राजा ।।

फाल्गुन, कृष्ण–तृतीया या शुभदिनी अंध:काराचा सर्वनाश करण्यासाठी, मोगलांपासून रयतेस वाचविण्यासाठी एका सिंहपुरुषाने जन्म घेतला! जिजाऊंच्या पोटी शिवरायांच्या रूपाने एक झळाळता, तेजस्वी सूर्य जन्मला! 'जाणता राजा' असे ज्यांना ओळखले जाते ते शिवराय लहानपणापासूनच स्वराज्याचे स्वप्न पाहू लागले. पुण्यामध्ये सोन्याचा नांगर फिरवून त्यांनी या शुभकार्यास आरंभ केला!



वयाच्या अवघ्या सोळाव्या वर्षी महाराजांनी स्वराज्याच्या स्थापनेची शपथ घेतली. आणि गरजला! सह्याद्रीचा सिंह मोगलांच्या अन्यायी सत्तेविरुद्ध गरजला! मुरुंबदेवाचा डोंगर स्वराज्याची राजधानी झाली. 'राजगड' या नावाने लोक त्याला ओळखू लागले. ''गडांचा राजा आणि राजांचा गड'' अशी ज्याची ख्याती होती तो राजगड! बारा बलुतेदारांमधून मावळांतून सोबती जमवून राजांनी त्यांची लढाई सुरू केली. ''हे स्वराज्य व्हावे, ही तर श्रींची इच्छा!'' असे ते म्हणत. फतेहखान, अफजलखान, शाहिस्तेखान अशा दुष्ट शत्रूंचा सर्वनाश करून राजांनी स्वराज्याची कीर्ती साता समुद्रापार पोहोचविली. स्वराज्यातील रयतेसाठी राजे अहोरात्र झटत. रयतेच्या भाजीच्या देठालाही धक्का लागू नये असे ते मानत. रयतेचे दु:ख त्यांना सोसवत नव्हते. स्वराज्याच्या सुरक्षेसाठी महाराजांनी चारही शाह्या एकाच वेळेस थोपवून ठेवल्या. रयत सुखी राहावी म्हणून राजांनी कधीही सुखाची झोप घेतली नाही. ''रयत ही मातेसमान आहे. या रयतरूपी मातेचे रक्षण करणे आम्हास अनिवार्य आहे.'' असे होते महाराजांचे विचार!

''शिवरायांचे आठवावे रूप । शिवरायांचा आठवावा साक्षेप ।
शिवरायांचा आठवावा प्रताप । भूमंडळी ।।''

महाराजांनी संपूर्ण जीवनात कधीही स्वत:च्या सुखाचा विचार केला नाही. स्वार्थाचा महाराजांना स्पर्शही झाला नाही. रयतेसाठी महाराजांनी अभेद्य अशा गडकिल्ल्यांची बांधणी केली. त्यांनी मोगलांच्या अत्याचारापासून रयतेस मुक्त केले. रयतेला हक्काचे स्थान मिळाले. रयत स्वाभिमानाने जगू लागली. स्वराज्यप्रेमाचा अथांग सागर सर्वांच्या देहात वाहू लागला. स्वराज्यनिष्ठेची तलवार झळाळू लागली. महत्त्वाकांक्षांचा कडेलोट झाला. बेईमानी जेरबंद झाली. यत्र, तत्र, सर्वत्र शिवरायांचा जयघोष दुमदुमला! महाराज मोहिमेवर जाताना ज्या झाडांखाली बसत, ती झाडे मोहरून गेली. ज्या पाषाणांवर महाराजांचे पाय पडत, ते पाषाण पवित्र झाले. फ्रेंच, डच, सिद्दी अशा परकीय सत्ता महाराजांचा आदर करू लागल्या. सर्वत्र आनंद बहरला! स्वराज्याचे 'सुराज्य' झाले!

महाराजांच्या मायेच्या छत्राखाली रयत मनमोकळेपणाने नांदू लागली. लोक निर्धास्त जगू लागले. मायेचे छत्र होते; परंतु मोगलशाही, कुतुबशाही यांवर अजून जरब बसावी म्हणून जिजाऊंच्या सांगण्यावरून महाराज सिंहासनाच्या छत्राचे मानकरी झाले. महाराज 'छत्रपती' झाले! सात पवित्र नद्यांच्या पाण्याने अभिषिक्त झालेले शिवराय ''छत्रपती शिवाजी महाराज'' झाले. त्यांच्या नावाची राजमुद्रा तयार करण्यात आली.

''प्रतिपच्चन्द्रलेखेव वर्धिष्णुविश्ववन्दिता ।
शाहसूनो शिवस्येषा मुद्रा भद्राय राजते ।।''

रयतेवर सदैव मायेचे छत्र धरणारे छत्रपती हे जगप्रिय झाले. त्यांना पाहाण्यासाठी फिरंगी, डच, फ्रेंच अशा परदेशी लोकांची किल्ले रायगडावर दाटी होऊ लागली.

रायगडाची सदर जयघोषाने दुमदुमली.
''क्षत्रिकुलावंतस प्रौढप्रतापसुंदर
राजाधिराज योगीराज
सिंहासनाधीश्वर महाराजाधिराज
छत्रपती शिवाजी महाराजांचा विजय असो!''

असा हा रयतेचा लोकमान्य, लोकप्रिय राजा स्वराज्याचा छत्रपती म्हणून प्रसिद्ध झाला!

फक्त आणि फक्त रयतेसाठीच जगणारे, झिजणारे आमचे शिवराय इ.स. १६८० साली चैत्र युद्ध पौर्णिमेच्या दिवशी स्वर्गवासी झाले. रयतेच्या दु:खाला पारावार राहिला नाही. अवघा आसमंत धाय मोकलून आक्रोश करू लागला. रयतेचे मायेचे छत्रच हरवले.

खरंच शिवरायांचा संपूर्ण इतिहास थरारून टाकणारा आहे! तो इतिहास वाचून डोळ्यांत अभिमानाचे अश्रू तरळतात! संपूर्ण जगासाठी

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आदर्श असणाऱ्या आपल्या लाडक्या शिवरायांचे विचार आचरणात आणणे आणि त्यांची शिकवण सार्थक करणे हे आजच्या काळात आपले प्रथम कर्तव्य आहे!

अशा या रयतेच्या लोकप्रिय राजासाठी मला माझ्या मनातील चार ओळी म्हणाव्याशा वाटतात.

''महाराजांच्या पदस्पर्शाने उजळला
अवघा महाराष्ट्र माझा!
स्वराज्याच्या रक्षणासाठी झटला
अखेरपर्यंत जाणता राजा!!
।। शिवछत्रपति: जयत्येजय: ।।

हृदयी छत्रपती...

सह्यगिरीचा सिंह गर्जतो कोकणकड्यावरती
दऱ्या-खोऱ्यांतून आवाज घुमतो हृदय छत्रपती
जावळीचा तो राजा जणू रुद्रअवतारी मर्द
जिजाऊंचा सुत पेलितो स्वराज्याचे दर्द
प्रतिपदेचा चंद्र वाढतो राजमुद्रेच्या ठायी
अखिल हिंदुस्तान गर्जतो शिवरायांच्या पायी
प्रतापाचा किल्ला राखितो स्वराज्याची गादी
मेल्यावरही वैर संपते कथितो ठाई ठाई
एकाच छत्राखाली राखीतो महाराष्ट्र देशा
अन्यायाला वाचा फोडीतो इतिहासाच्या वेशा
बाजी, ताना, मुरार गरजे गडकोटांच्या ठाई
मुरारचे रक्त सांडते पुरंदराच्या पायी
पावनखिंडीत मृत्युलाही समोर जाई बाजी
कोंढाण्याची ढाल रक्षितो जिद्दी तानाजी
दहाड पडता ह्या वाघाची हादरे दिल्ली तख्त
दख्खन जिंकण्या मरण पावते औरंग्याचे स्वप्न
शंभु जैसा वारस जन्मे शिवरायांच्या पोटी
मेल्यावरही प्रेम करावे शंभुतीर्थावरती
शहाजींचा सुत शोभे महाराष्ट्राचे गोत्र
मराठीचे तख्त राखिते शिवबांचे हे सुत्र
या इतिहासाला जागृत ठेव रे महाराष्ट्र देशा
मातीत मरण्या भाग्य समजते मराठीची वेशा,
इतिहासाची पाने गरजे
हृदयी छत्रपती...

– राजगुरू
(रविंद्र नागेश शिंदे, ११ वी-जे)



जय जय भारत देशा...

तुज वंदितो जय जय भारत देशा
तुची देशभक्तीच्या शुरवीरांच्या वेशा
या बुलंद बाहू खड्या ठाकती तारुण्याच्या
अमृतपदे चालूनी येती अमरत्वाच्या देशी

वंदे मातरम् नाद गर्जतो हिमालयाच्या द्वारी
स्वातंत्र्याच्या वेशीवरती सिंहाची ती स्वारी
तोफांची ती नौबत झडती निधड्या छातीवरती
इन्कलाबचा सूर्य उगवतो याच मातीवरती



तारुण्याच्या मशाली पेटती हिमालयाच्या कुशी
सिंध आमुचा खडा ठाकतो याच मातेच्या मुशी
विंध्य हिमाचल वतन आमुचे गडकोटांचे रूप
दर्याची ती बाहू आम्हां मातृत्वाचे सुख

उजव्या हाती खडा ठाकतो सह्यगिरी घाट
गंगा-यमुना लोळत फिरती पूर्वेचा तो घाट
ढाल होऊनी खडी ठाकते दख्खनची ती पाठ
आम्हीच या मातीची लेकरे हा अभिमान ताठ

टिळक गांधी आम्हां स्फूर्तीचा तो घास
भगतसिंग, सुखदेव, राजगुरू क्रांतीचा तो ध्यास
स्वातंत्र्याच्या तोफा गर्जतो सावरकरी बाणा
सीमेवरचा जवान कथितो अमरत्वाच्या खुणा

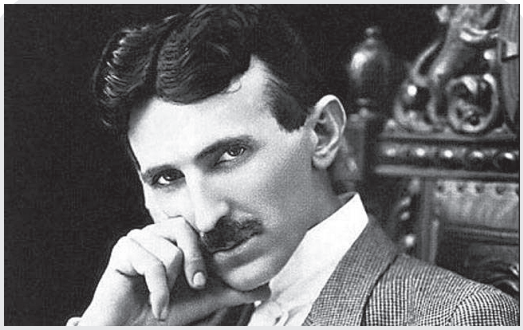
मरणालाही मरण देतो हिमगिरी हा बाप
जननी जन्मभुमीच आम्हां स्वर्गाची ती थाप
मृत्युलाही खड्या ठाकती अमरत्वाच्या वेशी
मरणालाही मांडी देतो भारत आपुल्या देशी

– राजगुरू (रविंद्र नागेश शिंदे, ११ वी-जे)

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निवडक विज्ञान साधकांचा परिचय

'तुम्ही एकटे आहात म्हणून तुम्हाला यश मिळणार नाही अशी भीती कधीच बाळगू नका...
कारण थव्याने उडणाऱ्या पक्ष्यांपेक्षा एकट्या उडणाऱ्या गरुडाची झेप ही नेहमीच मोठी असते!'



निकोला टेस्ला

वैष्णवी चिवटे (S.Y.B.Sc.)

कदाचित याच ठाम भूमिकेनुसार वागून 'विज्ञान' विश्वात स्वतःची वेगळीच प्रतिमा तयार केलेले शास्त्रज्ञ म्हणजेच 'निकोला टेस्ला' अर्थातच 'मास्टर ऑफ लाईटनिंग'.

बऱ्याच लोकांना निकोला ह्या शास्त्रज्ञाबद्दल जास्ती माहितीच नाही, फार कमी लोकांना त्यांच्या अविष्काराबद्दल माहिती आहे. त्यांचा उल्लेख एक वेडा, सणकी शास्त्रज्ञ; परंतु आजच्या या प्रगत विज्ञानाच्या जगात त्यांचाही मोठा वाटा आहे. अर्थात, त्याला त्यांच्या अव्यवहारी स्वभाव, प्रसिद्धीपासून दूर पळ काढणे, एकाकी जीवन जगणे हे कारणीभूत आहे. आठ भाषा अवगत असलेले, २६ देशांत जवळपास ३०० च्या वर पेटंट आणि असे कित्येक आविष्कार ज्यांचे पेटंट घेतलेले नाही, अशा ह्या शास्त्रज्ञाविषयी, त्यांच्या कामाविषयी, वेगवेगळ्या संशोधनाविषयी व जीवनाविषयी खालीलप्रमाणे तपशीलवार माहिती जाणून घेवूयात.

टेस्ला यांचा जन्म एका सर्बियन कुटुंबात झाला होता. निकोलाचे प्राथमिक शिक्षण १८६२ मध्ये पूर्ण झाले. अद्वितीय बुद्धिमत्ता असलेल्या निकोलाने सन १८७३ मध्ये चार वर्षांचे शिक्षण तीन वर्षांतच संपवले होते. पुढे ते पॉलिटेक्निकच्या द्वितीय वर्षाला असताना अति हुशारीपणामुळे एका शिक्षकामध्ये आणि टेस्लामध्ये मतभेद झाल्याने ते नापास झाले. जुगाराच्या लागेलल्या सवयीमुळे त्यांचे ग्रॅज्युएशन अपूर्ण राहिले. पुढे ते १८८१ मध्ये थॉमस अंडर कन्स्ट्रक्शन असलेल्या बुडापोस्ट मधील एका बुडापेस्ट टेलिफोन एक्सचेंज कंपनीत मुख्य विद्युत अभियंता म्हणून नोकरीला लागले. इथे काम करत असताना केंद्रीय संचार उपकरणांत नवीन शोध लावून उपकरणे सुधारित केले आणि नवीन स्वरूपातील टेलिफोन एम्प्लिफायर बनवले, पण त्याचे त्यांनी कधीच पेटंट घेतले नाही.

पुढे ते १८८२ मध्ये थॉमस अल्वा एडिसन ह्यांच्या फ्रान्समधील एडिसन कंपनीत विद्युत उपकरणे डिझाईन करणे आणि चांगले करण्याचे काम ते करू लागले. पुढे १८८४ साली तेथून त्यांची बदली न्यूयॉर्कमध्ये झाली. या दरम्यान त्यांनी काही वेगवेगळ्या प्रकारचे डायनमो विकसित केले. तेव्हा त्यांना एडिसन यांच्यासोबत काम करण्याची संधी मिळाली. एडिसन यांनी टेस्लाला त्यांचा DC जनरेटर जास्त प्रभावी करून देण्याचा प्रस्ताव ठेवला. व त्या बदल्यात ५०,००० डॉलर बक्षीस देण्याचे आश्वासन दिले; परंतु झालेल्या योग्य बदलानंतर एडिसन यांनी आपला शब्द न पाळल्याने टेस्ला यांनी ती कंपनी सोडली.

सन १८८६ मध्ये त्यांनी दोन इनवेस्टर्स सोबत आपली स्वतःची 'Tesla Electric Light And Manufacturing' नावाची कंपनी स्थापन केली. या कंपनीमध्ये त्यांनी डायनेमो इलेक्ट्रिक मशीन कम्युटेटर तयार केला. अमेरिकेतील लोकांना हे काही पटले नाही. त्यांनी टेस्लाला बाहेर काढले. पुढचे काही दिवस अगदी हलाखीचे गेले.

सन १८८७ च्या काळात परत नवीन इनवेस्टर्स सोबत कंपनी स्थापन केली. इथं ते मोटर व जनरेटरवर काम करू लागले. याच काळात AC वर चालणारी Induction Motor बनवली होती. याच काळात AC आणि एडिसन यांच्या DC Current आणि टेस्लाचा AC ह्यावर मोठं युद्ध सुरू झाले; परंतु एडिसन यांच्या वाईट प्रयत्नांना निष्फळता हाती लागली. यात पाहायला गेले, तर AC Current चे वैशिष्ट्य असे की, याचे वोल्टेज ट्रांसफॉर्मरद्वारा वाढवून खूप दूरपर्यंत पाठवता येऊ शकते. DC त मात्र हे करता येत नाही. AC मध्ये मात्र कमी वीज वापरतात. प्रत्येक घरात वीज ही केवळ AC प्रवाहानेच जाते, त्यामुळे विजय टेस्लाचा झाला. त्यावेळी DC System प्रचंड मोठ्या प्रमाणावर लागू होती. एडिसनची कंपनी DC उपकरणेच बनवत होती. याला विरोध म्हणून टेस्लाने AC प्रणालीचे महत्त्व जगाच्या समोर ठेवले.

या समवेत त्यांनी चक्रीय चुंबकीय क्षेत्राच्या सिद्धांताचा शोध लावला. त्याचे आविष्कार म्हणजे AC Electric Motor होय. यावर त्यांनी नायगरा धबधब्यावर पहिले जल विद्युत पॉवर स्टेशन उभारले. यानंतर केवळ अमेरिकेतच नाहीतर संपूर्ण जगानेच AC वर आधारित प्रणालीचा स्वीकार केला. यानंतर त्यांनी अमेरिकेत Wireless Power Transmission या तत्त्वावर वायरविरहित अंतरावर ठेवलेले बल्ब पेटवून त्याचे प्रात्यक्षिक दाखवले होते. याच काळात टेस्ला कॉईलचा शोध लागला. असे मानले जाते की, १८८४ मध्येच त्यांनी हंगेरीत Invisible Energy (क्ष-किरण) शोध लावला; परंतु याची साधने असलेली लॅब जाळून टाकण्याचा कट एडिसनचा होता, यानंतर त्यांनी Wireless Telegraphy

चा शोध लावला, सोबत कृत्रिम वीज तयार केली. याच दरम्यान रीसिव्हर टॉवर मधून काही अज्ञात सिग्नल मिळाले होते जे की त्यांच्या मते परग्रहावरून आले असावे. १९०६ ला ब्लेड नसलेले टर्बाईन बनवले. त्याचा वापर करून कोलोरॅडो धबधब्यावर पॉवर स्टेशन बसवले. १९१२ मध्ये ब्रेनला शॉक देऊन ब्रेन अधिक क्रियाशील करण्याच्या थेअरी मांडल्या. 'इलेक्ट्रिक रे' या प्रणालीचा उल्लेख त्यांनी करून ठेवला. 'Death Ray' या मशीनचा शोध लावला असा अनेकांचा दावा होता; परंतु टेस्लांनी रेडियो तरंगाचे ट्रान्समिशन करता येते, असे यात मांडले होते, या दरम्यान टेस्ला रॉडचा शोध लागला, 'रेडियो वेव कंट्रोलर' वापरून एका बोटीला चालवून दाखवले. पुढे याचे पेटंट 'मार्कोनी' यांना मिळाले.

अशा अनेक जगाला माहीत नसणाऱ्या गोष्टींचा व स्वतःच्या नावावर पेटंट नसणारा व ग्रेट 'लाईटनिंग मॅन' यांचा मृत्यू हे देखील एक गूढ रहस्य आहे. त्यांचे सारे संशोधन व उपकरणे अमेरिकेने ताब्यात घेऊन सर्वांपासून लपवून ठेवली. त्यांचा मृत्यू हा केवळ एक बनाव होता, ते अनेक वर्षं गुप्तपणे अमेरिकन सरकारसाठी काम करत राहिले, तसेच त्यांचे अनेक प्रयोग देखील लुप्त केले.

प्रसिद्धीला मुकलेल्या पण विज्ञान जगताला माहीत असलेल्या या महान शास्त्रज्ञाला माझा प्रणाम!



श्रीनिवास रामानुजन – भारतीय गणित तज्ञ

अनिता वायाळ (S.Y.B.Sc.)

श्रीनिवास रामानुजन अय्यंगर यांचा जन्म २२ डिसेंबर १८८७ रोजी तामिळनाडू प्रांतातील 'इरोड' या गावी झाला. त्यांचे नाव संत रामानुजा यांच्या नावावरून ठेवण्यात आले होते. त्यांचे वडील श्रीनिवास अय्यंगार एका कापडाच्या व्यापाऱ्याकडे नोकरी करत होते. त्या व्यवसायातील प्राप्ती अत्यंत तुटपुंजी असल्याने त्यांनी आपला मुक्काम कुंभकोणम या टुमदार शहरात हलवला आणि एका व्यापाऱ्याने मुनिमची नोकरी करण्यास सुरुवात केली.

वयाच्या पाचव्या वर्षी रामानुजन यांचे नाव कुंभकोणच्या प्राथमिक शाळेत दाखल करण्यात आले. गणितावर त्यांचे कल्पनातीत प्रभुत्व होते. ते मनातच गणित करून उत्तर शोधत. कधी कधी ते असे प्रश्न विचारत की, त्यांचे शिक्षकही कोड्यात पडत. तुम्हाला कधी प्रश्न पडला आहे काय? एखाद्या संख्येला शुन्याने भागल्यावर काय होईल. हा भागाकार संपत नाही. अनंत असतो. रामानुजन यांना लहानपणीच असे प्रश्न पडत.

माध्यामिक शाळेत देखील गणिताच्या सर्व परीक्षांत त्यांनी प्रथम क्रमांक पटकावला व अनेक पारितोषिकेही मिळवली. त्यांच्या या यशामुळे शिक्षक प्रभावित झाले. केवळ दोनच वर्षात त्यांनी प्राथमिक शालेय अभ्यासक्रम पूर्ण केला आणि वयाच्या दहाव्या वर्षी ते फायनलच्या परीक्षेत जिल्ह्यात प्रथम क्रमांकाने उत्तीर्ण झाले. रामानुजन यांना वाचनाची प्रचंड आवड होती. त्यांची पाठांतर क्षमता आणि स्मरणशक्ती असामान्य होती. त्यांना संस्कृत सुभाषितमाला, पाढे आणि अनेक संख्यांचे वर्ग–घन–चतुर्थघात–वर्गमुळे–घनमुळे पाठ होती. शाळेत असताना रामानुजन यांनी एका कॉलेजच्या मित्रामार्फत कॉलेजच्या ग्रंथालयातील 'कार' नावाच्या जगप्रसिद्ध गणिततज्ञाचे 'सिनॉप्सिस ऑफ एलिमेंटरी रिझल्ट इन प्युअर ॲन्ड ॲप्लाइड मेथेमॅटिक्स' हे पुस्तक मिळवले. गणितज्ञ शुब्रीज कार यांच्या पुस्तकात सुमारे सव्वासहा हजार सिद्धांत आहेत. ते सर्व सिद्धांत श्रीनिवास रामानुजन यांनी कोणच्याही मार्गदर्शनाशिवाय केवळ स्व–अध्यायाने आत्मसात केले.

रामानुजन यांना असणारी गणिताबद्दलची ओढ पाहून त्यांचे वडील चिंतित झाले होते.त्यांना त्यांच्या जबाबदारीची जाणीव करून देण्यासाठी २२ व्या वर्षी त्यांचे लग्न लावून देण्यात आले. रामानुजन यांनी जबाबदारी वाढल्याने नोकरी शोधण्यास सुरुवात केली. मद्रास पोर्ट ट्रस्टचे फ्रान्सिस स्प्रिंग हे त्यांच्या तळपत्या गणिती बुद्धीने मुग्ध झाले आणि दरमहा २५ रु. वेतनावर कारकून म्हणून नेमले. त्यामुळे त्यांच्या आर्थिक स्थितीत थोडीफार सुधारणा झाली.

रामानुजन यांनी इंग्लंडमधील केम्ब्रिज विद्यापीठातील सुप्रसिद्ध गणिताचे प्राध्यापक जी. एच. हार्डी यांना एका नऊ पानी पत्रात आपले काही गणिती शोध कळवले. ते वाचून प्राध्यापक हार्डी अचंबित झाले. त्यात अविभाज्य संख्या, अतिगुणोत्तरीय मालिका, मॉड्युलर फंक्शन, इव्हन मॅजिक स्क्वेअर्स, लंबगोलीय भूमिती, रेईमन सारणी, हायपरजॉमेट्रिक सारणी यांचा समावेश होता. त्यावरुन हार्डी व त्यांचे सहकारी लिटिलवूड यांना रामानुजन हे ज्येष्ठ गणिती असल्याशिवाय ते असे प्रश्न विचारू शकणार नाहीत हे कळून चुकले व त्यांनी रामानुजन यांना १९१४ मध्ये इंग्लंडला बोलवून घेतले.

तेथे त्यांच्या प्रतिभेला आणखीन पंख फुटले व त्यांनी मूलभूत असे काम करून अनेक सिद्धांत मांडले. रामानुजन जाहीरपणे सांगत असत की, आपल्याला गणितं चक्क स्वप्नात दिसतात. अनेक गणिती प्रमेये आपल्याला स्वप्नात दिसल्याचा त्यांचा दावा होता. केम्ब्रिज विद्यापीठात गणिताची ३ हजार प्रमेये उलगडणाऱ्या या महान भारतीय गणितज्ञाने एका स्वप्नाचे वर्णन तर असे केले की, ''मला एक लाल पडदा दिसला, जणू काही रक्ताचा पडदा मी विस्मित होऊन पाहात होतो तोच एक हात आला आणि त्यावर गणित सोडवू लागला. ती लिहिलेली गणिते मी जागा

झाल्यावर लिहून काढली.''इंग्लंडच्या कडाक्याच्या थंडीला रामानुजन यांचा शाकाहार रोखू शकत नव्हता ते क्षयाने ग्रासले. त्याकाळी त्यावर उपाय नव्हता. ते थकत, खंगत गेले, चर्या मलूल पडली. मरणोन्मुख असतानाही त्यांची गणिते चालूच होती. रामानुजन आजारी असताना प्रा. हार्डी हे इंग्लंडच्या 'पुतनी' रुग्णालयात भेटण्यास आले. टॅक्सीचा नंबर होता १७२९. हार्डीना ती संख्या डल, अशुभ वाटली. प्रा. हार्डी म्हणाले, ''मी १७२९. क्रमांकाच्या टॅक्सीने आलो. हा अंक अशुभ आहे. कारण त्यास तेरा या अशुभ अंकाने भाग जातो.'' रामानुजन पटकन म्हणाले, ''हा फार रंजक व महत्त्वपूर्ण आकडा आहे. दोन घनांच्या (क्यूब) बेरजेच्या स्वरूपात दोन प्रकारे मांडता येणारी ही सर्वांत लहान संख्या आहे.

१७२९= १००० (१० चा घन) + ७२९ (९ चा घन) आणि १७२९ = १७२८ (१२ चा घन) + १ (१ चा घन)

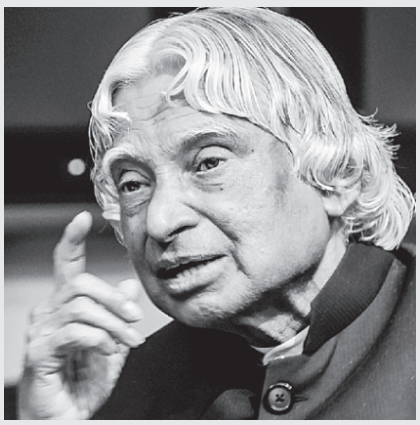
तेव्हापासून सारे जग १७२९ ला 'रामानुजन अंक' म्हणून ओळखू लागले. ते म्हणायचे, ''कोणत्याही संख्येकडे चिकित्सेने पाहिले की, त्या संख्येत चेतना निर्माण होते आणि ती बोलकी होते.''

क्षयाचे आजाराने ग्रासून २६ एप्रिल १९२० रोजी त्यांचे कुंभकोणम येथे अकाली निधन झाले. एक उज्वल तारा क्षितिजावर अचानकच निखळला. केवळ ३२ वर्षाचे आयुष्य लाभलेल्या अतिशय नम्र आणि निगर्वी वृत्तीच्या रामानुजन यांचे काम प्रामुख्याने अंकशास्त्र, थिटा फंक्शन आणि अनंत मालिका या क्षेत्रात आहे. त्यांनी मांडलेल्या जवळपास ४००० सूत्रांपैकी दोन तृतीयांश अगदी नवीन आहेत व काही तुरळक वगळता सगळी बरोबर आहेत.

केंब्रिज विद्यापीठाच्या ट्रिनिटी कॉलेजमध्ये गणितात असामान्य संशोधन करून अल्पावधीत जगभर प्रसिध्दी मिळवलेले थोर भारतीय गणितंज्ञ श्रीनिवास रामानुजन यांच्या स्मृतिप्रीत्यर्थ आणि त्यांचे व ट्रिनिटी कॉलेजचे असलेले गहिरे संबंध अधोरेखित करण्यासाठी त्यांच्या नावाने फक्त भारतीय विद्यार्थ्यांसाठी दरवर्षी केंब्रिजमध्ये गणितातील संशोधन शिष्यवृत्ती देण्यात येते. माजी प्रंतप्रधान डॉ. मनमाहेन सिंग यांनी २०१२ हे गणित वर्ष म्हणून घोषित केले. प्रसिद्ध गणितज्ज्ञ रामानुजन यांच्या १२५ व्या जयंतीनिमित्त त्यांना श्रद्धांजली वाहताना पंतप्रधानांनी ही घोषणा केली होती.

डॉ. ए.पी.जे. अब्दुल कलाम

रोहित अशोक पाटील (S.Y.B.Sc.)

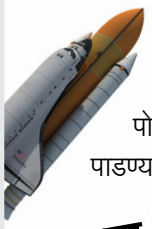


एपीजे अब्दुल कलाम यांचा जन्म १५ ऑक्टोबर १९३१ रोजी तमिळनाडूच्या रामेश्वरम् येथील तीर्थक्षेत्रातील गरीब तमिळ मुस्लिम कुटुंबात झाला. त्यांची आई असिमा ही एक गृहिणी होती आणि त्यांचे वडील जैनुबुलादीन हे स्थानिक मशिदीचे इमाम होते. जरी कुटुंब आर्थिकदृष्ट्या श्रीमंत नसले, तरीही सर्व मुलांनी प्रेम आणि करुणामय वातावरणात उभे केले होते. कौटुंबिक उत्पन्नामध्ये वाढ करण्यासाठी कलाम यांना त्यांच्या सुरुवातीच्या काळातील वर्तमानपत्रे विकावी लागली.

ते शाळेत एक सरासरी विद्यार्थी होते; परंतु त्यांना शिकण्याची तीव्र इच्छा होती आणि खूप मेहनती होते. त्यांना गणित आवडत असे व विषयाचा अभ्यास करण्यासाठी १९५४ मध्ये त्यांनी उच्च माध्यमिक विद्यालय येथून शिक्षण घेतले. नंतर त्यांनी सेंट जोसेफ कॉलेज तिरुचिरापल्ली येथून पदवी प्राप्त केली. त्यांना एक लष्करी पायलट बनायचे होते; परंतु त्यांचे स्वप्न पूर्ण होऊ शकले नाही. कारण तेथे आठ जागा उपलब्ध होत्या. आएएफ मध्ये त्यांना नववे स्थान प्राप्त झाले होते.

१९६० मध्ये त्यांनी मद्रास इन्स्टिट्यूट ऑफ टेक्नोलॉजी येथून पदवी घेतली आणि डिफेन्स रिसर्च ॲंड डेव्हलपमेंट सर्व्हिसचे सदस्य बनल्यानंतर एरोनॉटिकल डेव्हलपमेंट एस्टॅब्लिशमेंट येथे वैज्ञानिक म्हणून काम केले. प्रसिद्ध स्पेस वैज्ञानिक विक्रम साराभाई जेव्हा इनरकोअर समितीचे एक भाग होते तेव्हा कलाम यांना १९६९ मध्ये इंडियन स्पेस रिसर्च ऑर्गनायझेशन येथे हस्तांतरित करण्यात आले ते देशातील अग्रगण्य उपग्रह प्रक्षेपण वाहन (एस एल व्ही) चे प्रकल्प प्रमुख बनले. जुलै १९८० मध्ये कलामांच्या नेतृत्वाखाली एस एल व्ही ३ ने रोहिणी उपग्रह यशस्वीपणे पृथ्वीच्या कक्षात तैनात केला.

कलाम १९७० मध्ये प्रोजेक्ट डेव्हिलसमवेत अनेक प्रकल्पांचा एक भाग होते. जरी प्रकल्प यशस्वी झाला नाही तरी १९८० मध्ये त्यांनी पृथ्वी मिसाईल च्या विकासासाठी पाया घातला. १९८३ मध्ये कलाम डी आर डीओचे मुख्य अध्यक्ष म्हणून परत आले आणि त्यांना इंटिग्रेटेड गाईडेड मिसाईल डेव्हलपमेंट प्रोग्रॅम करण्यास सांगितले होते.



मे १९९८ मध्ये भारताने पोखरण –२ अण्विक चाचणी पार पाडण्यात महत्त्वाची भूमिका बजावली या परमाणू चाचणीच्या यशस्वितेमुळे कलाम एक राष्ट्रीय नायक बनले आणि ते लोकप्रिय झाले. २००२ मध्ये कलाम यांना राष्ट्रीय लोकशाही आघाडीने राष्ट्रपती पदाच्या उमेदवारीसाठी निवड केली आणि ते अध्यक्ष म्हणून निवडून आले. २५ जुलै २००२ रोजी ते भारताचे ११ वे राष्ट्रपती बनले. राष्ट्रपती पदाच्या पदापूर्वी भारतरत्न प्राप्त झाल्यानंतर ते भारताचे तिसरे राष्ट्रपतीही बनले. सामान्य लोकांसह विशेषत: तरुणांबरोबर काम करण्याच्या आणि त्यांच्याशी संवाद साधण्याच्या त्यांच्या शैलीमुळे त्यांना प्रेमाने 'द पीपल्स प्रेसिडेंट' असे म्हणतात. अध्यक्ष म्हणून आपल्या कार्यकाळात त्यांनी सादर

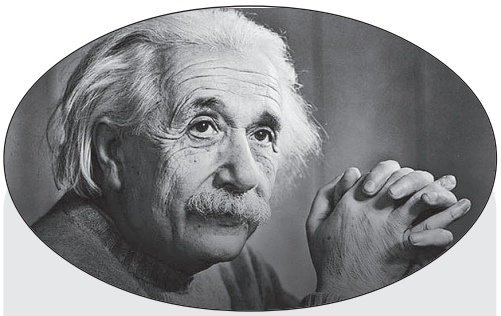
केलेल्या दया याचिकेचे निदान ठरविण्यामध्ये त्यांच्या निष्क्रियतेबद्दल टीका केली गेली. २१ दया याचिकेतून त्यांनी केवळ एका दया याचिकेवर कार्य केले. २००५ मध्ये त्यांनी बिहारमध्ये राष्ट्रपती राज्यासाठी शिफारस केली, जे एक विवादास्पद निर्णय देखील बनले.

अध्यक्षपद संपल्यानंतर ते इंडियन इन्स्टिट्यूट ऑफ मॅनेजमेंट (आय आय एम्) अहमदाबाद, इंडियन इन्स्टिट्यूट ऑफ मॅनेजमेंट (इंदौर) येथे भेट देणारे प्राध्यापक बनले. त्यांनी इंडियन इन्स्टिट्यूट ऑफ सायन्स (आय आय एस सी) बेंगलूर आणि एक सहकारी मानद इंडियन इन्स्टिट्यूट ऑफ स्पेस सायन्स अॅड टेक्नोलॉजी तिरूवनंतपुरम येथे चान्सलर म्हणून अण्णा विद्यापीठात आणि बनारस हिंदू युनिव्हर्सिटी मध्ये तंत्रज्ञान शिकवले आणि आय आय टी हैदराबाद येथे माहिती तंत्रज्ञान शिकवले.

भ्रष्टाचार पराभूत करण्यासाठी आणि कार्यक्षमतेत वाढ आणण्यासाठी कलाम यांनी २०१२ मध्ये **रिमूव्ह 'आय'–'मी' मूव्हमेंट** नामक युवकांसाठी कार्यक्रमसुद्धा सुरू केला. कलाम यांना भारत सरकारकडून प्रतिष्ठित भारतरत्न पद्मविभूषण आणि पद्मभूषण देऊन सन्मानित करण्यात आले. १९९७ मध्ये त्यांना भारत सरकारद्वारे राष्ट्रीय एकत्रीकरणासाठी इंदिरा गांधी पुरस्कार देण्यात आले. वीर सावरकर पुरस्कार मिळवणारे ते पहिले ठरले. तसेच २००० मध्ये त्यांना अलावास रिसर्च सेंटर कडून रामानुजन पुरस्कार देण्यात आला. २००७ मध्ये त्यांना रॉयल सोसायटीकडून किंग चार्ल्स दुसरे पदक मिळाले. त्यांनी ४० विद्यापीठांतून मानद डॉक्टरेट प्राप्त केली.जागतिक विद्यार्थी दिवस म्हणून संयुक्त राष्ट्रानी कलामांचा वाढदिवस ओळखला. २००३ आणि २००६ मध्ये त्यांना 'एम. टी. व्ही' युवक आयकॉन ऑफ द इयर म्हणून नामांकन मिळाले.

कलाम आय. आय. एम. शिलाँगला २७ जुलै २०१३ रोजी 'लिव्हेबल प्लॅनेट' वर भाषण देण्यासाठी गेले, पायऱ्या चढून गेल्यानंतर त्यांनी काही अस्वस्थता व्यक्त केली; परंतु त्यांनी ऑडिटोरियममध्ये प्रवेश केला. लेक्चरमध्ये पाच मिनिटे झाल्यावर ते अत्यवस्थ झाले. त्यांना बंथानी हॉस्पिटल केंद्रात नेले व सकाळी ९.४९ वाजता हृदयविकाराच्या कारणामुळे त्यांचा मृत्यू घोषित करण्यात आला.

किशोरांना व युवकांना समर्थ भारत घडविण्याची प्रेरणा देणारे डॉ. कलाम अजूनही त्यांच्या विचारांच्या रूपाने आपल्यातच आहेत.



अल्बर्ट आईन्स्टाईन

सुभाष दत्तात्रय पवार (S.Y.B.Sc.)

(जन्म – मार्च १४, इ.स. १८७९, मृत्यु – एप्रिल १८, १९५५)

अल्बर्ट आईन्स्टाईन यांचा जन्म जर्मनी देशातील वुर्टेंबर्गमधील उल्म या गावामध्ये झाला. उल्म स्टुटगार्टपासून सुमारे १०० किलोमीटर अंतरावर आहे. त्यांचे वडील हर्मन आईन्स्टाईन हे आधी एक विक्रेता होते आणि त्यांनी नंतर विद्युत–रासायनिक पदार्थांशी निगडित कारखाना काढला. अल्बर्टच्या आईचे नाव पॉलिन होते आणि त्या गृहिणी होत्या. हे एक ज्यू कुटुंब होते. अल्बर्ट तेथील एका कॅथॉलिक प्राथमिक शाळेत शिकले आणि त्यांच्या आईच्या आग्रहामुळे त्यांनी व्हायोलिन या तंतुवाद्याचे काही धडे घेतले. वयाच्या आठव्या वर्षी त्यांचा ल्युत्पोल्ड व्यायामशाळेत (सध्या आईन्स्टाईन व्यायामशाळा) प्रवेश झाला. येथे त्यांनी प्राथमिक आणि माध्यमिक शिक्षण घेतले. त्यापुढील सात वर्षांनंतर त्यांनी जर्मनी सोडली. ते डावखोरे होते असे म्हणतात, पण याचा आजतागायत पुरावा सापडलेला नाही.

एकदा आईन्स्टाईन यांना त्यांच्या वडिलांनी एक होकायंत्र दिले; आईन्स्टाईन यांना जाणवले की, 'रिक्त अवकाश' आणि होकायंत्रातील बाणाची हालचाल यामागे नक्कीच काहीतरी रहस्य आहे. ते जसजसे मोठे होत गेले तसतसे आईन्स्टाईन यांनी मजेसाठी अनेक रचनाकृती आणि यांत्रिक उपकरणे बनवली व आपले गणितातले कसब दाखविले. जेव्हा आईन्स्टाईन दहा वर्षांचे होते, तेव्हा त्यांच्या भावाने मॅक्स टॅलमड (नंतर मॅक्स टॅल्मी) या पोलंडमधील अतिशय गरीब ज्यू वैद्यकीय विद्यार्थ्याची ओळख त्यांच्या कुटुंबाशी करून दिली. पाच वर्षांच्या सहवासात मॅक्स टॅलमड हा दर आठवडा लहानग्या अल्बर्टला अनेक विज्ञानविषयक पुस्तके, गणिती कोडी आणि तत्त्वज्ञानविषयक लिखाणे देत असे. या पुस्तकात इमॅन्युएल कॅन्ट्स यांचे सुयोग्य तर्कसंगतीचे समालोचन हे पुस्तक तसेच युक्लिडचे घटक या पुस्तकांचा समावेश होता. (आईन्स्टाईन त्या पुस्तकाला एक पवित्र भूमिती पुस्तक असे म्हणत.) अल्बर्टच्या कल्पनाशक्तीची वाढ ही त्याच्या घरातून सुरू झाली. त्याची आई एक उत्कृष्ट पियानोवादक होती. ही कला त्यांनी अल्बर्टला शिकवली. त्यांचे मामा जेकब यांनी अॅल्बर्टशी गणिते सोडवून दाखवण्याची पैज लावली होती. ही गणिते अॅल्बर्टने अतिशय आनंदाने सोडवली. मॅक्स टॅलमडच्या इ.स. १८८९ ते इ.स. १८९४ या कालखंडात दर आठवड्यात होणाऱ्या त्यांच्या भेटीत टॅलमड यांनी अनेक धार्मिक संकल्पना मांडून 'बायबलमधील अनेक गोष्टी असत्य असू शकतात या विचाराकडे अॅल्बर्टचे लक्ष वेधले. अॅल्बर्टचे स्वयंअध्ययन इतके प्रभावी होते की, ते त्यांच्या अभ्यासक्रमात असलेली भूमितीची अवघड गणिते चुटकीसरशी सोडवत असत.

अॅल्बर्ट यांना शाळेत मंदगतीने शिकणारा समजण्यात येत असे. कदाचित यामागील कारण आरोग्यविषयक बाबींशी निगडित असावे; परंतु सापेक्षतावादाच्या सिद्धांताचे काही श्रेय त्यांनी त्यांच्या धीम्या

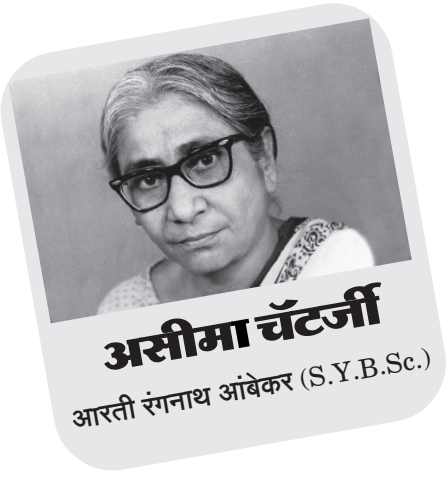
गतीने शिकण्याला दिले. कारण, इतरांच्या तुलनेत काळ आणि अवकाश हे उशिराने शिकल्यामुळे ते एकप्रकारे प्रगत पद्धतीने विचार करू शकले.

ॲल्बर्टच्या मंदगतीने शिकण्याला एक दंतकथा जोडली गेली. ॲल्बर्ट हे गणित विषयात कच्चे होते आणि त्या विषयात वारंवार नापास झाल्याने त्यांच्या शिक्षकाने त्यांना त्या कारणास्तव शाळेबाहेर काढले. पुढे जेव्हा साक्षेपतावादाच्या सिद्धांतानंतर त्या शिक्षकांनी त्यांची प्रामाणिक मत व्यक्त केले की, ॲल्बर्टसारखा मुलगा असा शोध लावेल हे तेव्हा स्वप्नातही वाटले नाही आणि आताही ते खरे वाटत नाही; परंतु त्यामागील खरे कारण असे आहे की, त्या वर्षी श्रेणीबदलाच्या नव्या नियमांमुळे थोडा गोंधळ उडाला होता. त्यामुळे या दंतकथेचा जन्म झाला असावा.

सापेक्षतावादाचा सिद्धांत, प्रकाशीय विद्युत परिणाम, पुंजभौतिकी, विश्वशास्त्र, विश्वरचनाशास्त्र वगैरे क्षेत्रांमध्ये त्यांचे विशेष योगदान आहे. त्यापैकी प्रकाशीय विद्यूत परिणाम या सिद्धांतासाठी आणि त्यांच्या सैद्धांतिक भौतिकशास्त्राच्या सेवेसाठी इ.स. १९२१ साली त्यांना नोबेल पुरस्कार देऊन 'सन्मानित' केले गेले. आईन्स्टाईन यांना त्यांच्या सापेक्षतावादाच्या सिद्धांतानंतर जगभर प्रसिद्धी मिळाली आणि ते जगातील प्रसिद्ध वैज्ञानिक म्हणून आईन्स्टाईन यांनी 'अल्बर्ट आईन्स्टाईन'ची व्यापारचिन्हं म्हणून नोंदणी केली. एका शास्त्रज्ञाला त्याची इतकी प्रसिद्धी असणे आणि त्यामुळे होणारे परिणाम याचा अनुभव नव्हता. आज बुद्धिमत्ता आणि आईन्स्टाईन हे एक प्रकारे समीकरणच बनले आहे. त्यांच्या कारकीर्दीच्या प्रारंभी आईन्स्टाईन याने विचार केला की, विद्युत चुंबकीय नियमांसोबत पारंपरिक यांत्रिकीच्या नियमांशी मेळ बसत नव्हता. या घटनेने त्यांच्या विशिष्ट सापेक्षता सिद्धांताला चालना मिळाली. तथापि त्यांना असे वाटू लागले की, सापेक्षतेचे तत्त्व हे गुरुत्वाकर्षणाचेच सापेक्षतेचे तत्त्व हे गुरुत्वाकर्षणाचेच सुधारित आणि विस्तारित रूप आहे. त्यांनी १९१६ साली त्यांच्या अनुबर्ती गुरुत्वाकर्षण सिद्धांतानुसार सामान्य सापेक्षता सिद्धांतावर एक शोधनिबंध प्रकाशित केला. सांख्यिकीय यांत्रिकी आणि पुंजयांत्रिकी सिद्धांत यांच्या समस्यांची उकल करण्यास सुरुवात केली. त्यामुळे त्यांना त्यांच्या आण्विक सिद्धांत आणि रेण्विक गती या संबंधित सिद्धांत स्पष्ट करता आले. त्याचप्रमाणे त्यांनी प्रकाशाच्या औष्णिक गुणधर्माचा शोध लावल्यामुळे त्यांना प्रकाशकणांचा सिद्धांत मांडता आला. १९१७ साली, आईन्स्टाईन यांनी त्यांचा सामान्य सापेक्षता सिद्धांताच्या स्पष्टीकरणासाठी एका भव्य विश्वाची रचनाकृती प्रदर्शित केली.

आईन्स्टाईन यांनी १९३३ साली अमेरिकेला भेट दिली होती तेव्हा जर्मनीत ॲडॉल्फ हिटलर सत्तेवर आला आणि त्यामुळे आईन्स्टाईन यांनी ते पूर्वी जिथे प्राध्यापक होते त्या प्रशियन विज्ञान महाविद्यालय बर्लिन विज्ञान अकादमी येथे परत जाण्यास नकार दिला आणि ते अमेरिकेत स्थायिक झाले. १९४० मध्ये त्यांना अमेरिकेचे नागरिकत्व मिळाले. दुसऱ्या महायुद्धाच्या पूर्वसंध्येला, आईन्स्टाईन यांनी अमेरिकेचे राष्ट्राध्यक्ष फ्रँकलिन डी. रुझवेल्ट यांना एक पत्र लिहिले. त्यात त्यांनी आवाहन केले होते की, रुझवेल्ट यांनी तत्काळ आदेश देऊन अत्यंत आधुनिक व महाभयंकर अणुबॉम्ब यांची निर्मिती थांबवावी; परंतु त्या पत्राची दखल न घेता अमेरिकेने मॅनहॅटन प्रकल्प उभारला. आईन्स्टाईन यांचा सैन्याच्या संरक्षण धोरणाला पाठिंबा होता; परंतु त्यांनी मोठ्या प्रमाणावर वापरत असलेल्या अणुकेंद्राचे विभाजन या तत्त्वावर चालणाऱ्या शस्त्रांचा निषेध केला. काही काळानंतर आईन्स्टाईन यांनी ब्रिटिश तत्त्वज्ञ बर्ट्रांड रसेल यांच्याशी संपर्क साधून रसेल आईन्स्टाईन जाहीरनाम्यावर स्वाक्षरी केली. या जाहीरनाम्यात आण्विक शस्त्रांचे दुष्परिणाम विशद करण्यात आले होते. आईन्स्टाईन हे अमेरिकेतील प्रिन्स्टन, न्यू जर्सी या शहरातील इन्स्टिट्यूट फॉर ॲडव्हान्सड स्टडी या शिक्षण संस्थेशी शेवटपर्यंत संलग्न राहिले. इ.स. १९५५ साली आईन्स्टाईन यांचे निधन झाले.

आईन्स्टाईन यांनी सबंध आयुष्यात एकूण ३०० वैज्ञानिक शोधनिबंध आणि १५० गैरवैज्ञानिक निबंध प्रकाशित केले आहेत. त्यांच्या अनेक महान बौद्धिक कामगिरी आणि त्यांची विलक्षण कल्पनाशक्ती यामुळे अलौकिक बुद्धिमत्ता या अर्थाने आईन्स्टाईन हा शब्द वापरला जाऊ लागला.



असीमा चॅटर्जी

आरती रंगनाथ आंबेकर (S.Y.B.Sc.)

असीमा चॅटर्जी यांना 'पहिल्या भारतीय रसायनशास्त्रज्ञ' असे संबोधले जाते. त्यांचे रसायनशास्त्रातील कार्य उल्लेखनीय असेच आहे.

असीमा चॅटर्जी यांचा जन्म बंगालमधील कोलकाता येथे २३ सप्टेंबर १९१७ साली झाला. प्राथमिक व माध्यमिक शिक्षण कोलकात्यातच झाले. उच्च शिक्षणासाठी त्यांनी कोलकाता विद्यापीठात प्रवेश घेतला व रौप्यपदकासह सेंद्रीय रसायनशास्त्रातील एम.एस्सी. झाल्या. ही पदवी मिळवणाऱ्या त्या पहिल्या भारतीय महिला ठरल्या. पुढे कोलकाता विद्यापीठात अधिव्याख्याता म्हणून काम करत असतानाच १९४७ साली त्या संशोधनासाठी अमेरिकेला रवाना झाल्या. तिथूनच त्या युरोपला गेल्या व झुरिक विद्यापीठातील १९३७ सालचे नोबेल पारितोषिक विजेते पॉल करीट यांच्या मार्गदर्शनाखाली त्यांनी संश्लेषणात्मक सेंद्रीय रसायनशास्त्र या विषयात संशोधन केले. १९५० साली त्या भारतात परतल्या व भारतीय औषधी वनस्पतींवर त्यांनी विपुल संशोधन केले. वनस्पतींपासून मिळणाऱ्या अल्काईडस् व कौमारीन्स या रासायनिक पदार्थांच्या संशोधनावर त्यांचा विशेष भर होता. त्यांनी नॅचरल प्रॉडक्टवरही

संशोधन केले. भारतातील औषधी द्रव्ये वनस्पतींपासून मिळवणे व त्यांचा रासायनिकदृष्ट्या अभ्यास करणे, त्यांची रचना शोधून काढणे, त्यांची प्रयोगशाळेत निर्मिती करणे या कामात त्यांनी स्वत:ला वाहून घेतले. त्यांनी अज्मॅलीसिन व सर्पाजीन या रसायनांवर संशोधन करून त्यांची रचना स्पष्ट केली.

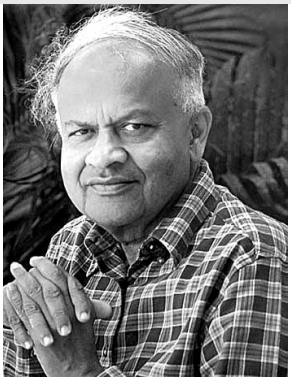
चॅटर्जी यांनी मिरगी (फिट्स) विरुद्ध 'आयुष-५६' चे औषध 'मर्सिलिया मिन्युटा' या वनस्पतीपासून वेगळे केले. चार वनस्पतींपासून हिवतापविरोधी औषधही मिळवले. या औषधांचे पेटंटही त्यांनी मिळवले. सुपारी, तंबाखू, कॉफी इ. मध्ये आढळणारी 'अल्कालॉईड्स' सुगंधी द्रव्यामध्ये, तसेच स्वादासाठी वापरली जाणारी रसायने (कौमारीन्स) व वनस्पतींमधून मिळणाऱ्या तैलवर्गीय पदार्थांमध्ये आढळणारी 'टर्पिनॉईड्स' यावर त्यांनी विपुल संशोधन केले व सेंद्रीय रसायनशास्त्र व औषधी रसायनशास्त्र यांत मोलाची भर घातली. त्यांचे राष्ट्रीय व आंतरराष्ट्रीय नियतकालिकांमधून साडेतीनशेहून अधिक शोधनिबंध प्रसिद्ध झाले. चॅटर्जी यांनी 'भारतीय वनौषधी' या ग्रंथांच्या सहा खंडांचे १९७३-१९७७ या काळात संपादन केले. १९७५ साली त्यांनी भारतीय विज्ञान काँग्रेसचे अध्यक्षपदही भूषवले. असे पद भूषवणाऱ्या त्या पहिल्या महिला शास्त्रज्ञ होत्या.

आयुष्यातील प्रत्येक क्षण संशोधन व अध्यापनात घालवलेल्या चॅटर्जी यांना अनेक पदव्या व सन्मान प्राप्त झाले. नागार्जून पारितोषिक व सुवर्णपदक (१९४०), भारताचे नोबेल समजले जाणारे शांतिस्वरूप भटनागर पारितोषिक (१९६१), सर पी.सी. रे पारितोषिक (१९७४), हरी ओम ट्रस्टचे सर सी.व्ही. रामन पारितोषिक (१९८२), भारतीय विज्ञान काँग्रेसचे सर आशुतोष मुखर्जी स्मरणार्थ सुवर्णपदक, बेंगाल चेंबर्स ऑफ कॉंग्रेसने 'वूमन ऑफ द ईयर' म्हणून १९७५ साली त्यांचा गौरव केला. १९७५ सालचा 'पद्मभूषण' हा किताब देऊन भारत सरकारने त्यांचा गौरव केला.

'श्रम हीच पूजा' असे मानणाऱ्या या विज्ञान विदुषीने २३ नोव्हेंबर २००६ साली या जगाचा कायमचा निरोप घेतला.

डॉ. जयंत विष्णू नारळीकर

वैष्णवी बजरंग वाघोले (S.Y.B.Sc.)



जयंत नारळीकर यांचा जन्म १९ जुलै १९३८ रोजी कोल्हापूर येथे झाला. डॉ. जयंत विष्णू नारळीकर यांचे वडील बनारस हिंदू युनिव्हर्सिटी येथे गणित विषयाचे प्राध्यापक आणि गणित विभागाचे प्रमुख होते. त्यांची आई संस्कृत या विषयाची अभ्यासक होती. जयंत नारळीकर यांचे शालेय शिक्षण बनारस (वाराणशी) येथेच झाले. तेथूनच १९५७ मध्ये ते बी.एस्सी. प्रथम क्रमांकाने उत्तीर्ण झाले.

यानंतर गणिताच्या उच्च शिक्षणासाठी ते इंग्लंडला रवाना झाले. तेथे त्यांनी फिट्झ विल्यम कॉलेजमध्ये प्रवेश घेतला. १९६० मध्ये त्यांनी केंब्रिज विद्यापीठाची गणितातील पदवी संपादन केली. १९६३ मध्ये फ्रेड हॉइल यांच्या मार्गदर्शनाखाली त्यांनी पीएच.डी. मिळविली. पुढे नारळीकरांनी एम.ए. आणि डॉक्टर ऑफ सायन्स या पदव्याही त्यानी संपादन केल्या. केंब्रिज येथे ते १९७२ पर्यंत होते. या काळात त्यांनी अनेक पारितोषिकेही पटकावली. इन्स्टिट्यूट ऑफ थिऑरिटिकल ॲस्ट्रॉनॉमी या संस्थेच्या स्थापनेत त्यांचा मोठा सहभाग होता. तेथेच त्यांनी सर फ्रेड हॉइल यांच्यासह खगोलशास्त्रात संशोधन केले.

१९७२ मध्ये डॉ. जयंत विष्णू नारळीकर भारतात परत आले. टाटा इन्स्टिट्यूट ऑफ फंडामेंटल रिसर्च येथे त्यांनी आपले संशोधन कार्य चालू केले. त्यामुळे त्यांचे नाव जगभर झाले. भारतातील युनिव्हर्सिटी ग्रॅंट्स कमिशनकडून त्यांना आमंत्रण आले. १९८८ मध्ये त्यांनी आयुकाची स्थापना केली. सन २००३ पर्यंत त्यांनी आयुकाचे संस्थापक संचालकपद भूषविले. खगोलशास्त्रातील शिक्षणाचे आणि संशोधनाचे एक उत्कृष्ट केंद्र म्हणून आयुकाची जगभर ख्याती झाली. आयुकात आजतागायत ते प्राध्यापक म्हणून कार्यरत आहेत.

विश्वाची निर्मिती एका प्रचंड स्फोटातून झाली असावी, असे काही खगोलशास्त्रज्ञांना वाटते; तर काही शास्त्रज्ञ विश्व हे स्थिर स्थितीत आहे. म्हणजेच ते अनादी आहे, असे मानतात. डॉ. जयंत विष्णू नारळीकरांनी विश्वाचे स्थिर स्थितीचे समर्थन केले. पृथ्वीपासून ४१ कि.मी. उंचावरील हवेचे नमुने तपासून त्यातील सूक्ष्म जीवांचा अभ्यास करण्यासाठी बनविलेल्या आंतरराष्ट्रीय शास्त्रज्ञांच्या एका गटाचे नेतृत्व त्यांनी केले. अवकाशातून पृथ्वीवर सूक्ष्म जीवांचा मारा होऊन त्यातीलच काही जीव पृथ्वीवर स्थिरावले आणि त्यातूनच जीवनिर्मिती झाली असावी, अशी शक्यता त्यांनी वर्तविली. गुरुत्वाकर्षणाशी संबंधित असलेला हॉइल-नारळीकर सिद्धांत जगप्रसिद्ध आहे.

डॉ. जयंत विष्णू नारळीकरांनी अनेक मासिक व वृत्तपत्रांमध्ये मराठी, हिंदी व इंग्रजी यांसारख्या भाषांमधून अतिशय उद्‌बोधक असे लिखाण केले आहे. क्लिष्ट विषय अतिशय सोप्या भाषेत मांडण्याची त्यांची हातोटी वाखाणण्यासारखी आहे. त्यांना अनेक राष्ट्रीय आणि आंतरराष्ट्रीय पुरस्कार मिळाले, अनेक नामांकित संस्थांची महत्त्वाची पदे त्यांनी भूषविली; परंतु विनम्रतेची कास त्यांनी कधीच सोडली नाही. भारत सरकारने डॉ. जयंत विष्णू नारळीकर यांचा पद्मभूषण व पद्मविभूषण हे सन्मान देऊन त्यांचा गौरव केला.

आपल्या भारत देशाचे नाव उज्ज्वल करणारे डॉ. जयंत विष्णू नारळीकरांसारख्या शास्त्रज्ञांचा आपण अभिमान बाळगला पाहिजे.



स्वातंत्र्यसैनिक ते शेतीतज्ज्ञ बद्रीनारायण आर. बारवाले

भरत भाऊसाहेब डाके (S.Y.B.Sc.)



या ओठांनी चुंबुन घेई हजारदा ही माती
अनंत मरणे झेलून घ्यावी इथल्या जगण्यासाठी ।
इथल्या पिंपळ पाण्यावरती अवघे विश्व तरावे
या जन्मावर या जगण्यावर शतदा प्रेम करावे ।।

पद्मभूषण डॉ. बद्रीनारायणजी रामुलाल बारवाले यांचा जन्म गणेश चतुर्थी या पवित्र दिनी हिंगोली येथे झाला. 'कात्रलिवाल' या कुटुंबात जन्मलेले बद्रीनारायण यांचे घरचे अठरा विश्वे दारिद्र्य होते. त्यांच्या वडिलांचे निधन त्यांच्या जन्मापूर्वीच झाले. नियतीने त्यांच्या समोर जन्माअगोदरच कष्टाचे ताट वाढून ठेवलेले होते आणि या संकटांवर मात करण्यास ते बालपणीच शिकले. उद्योजगतेचे धडे घेण्याची गरज त्यांना कधीच भासली नाही. १२ वर्षांचे असतानाच बद्रीनारायण बारवाले कुटुंबाचे कर्ते पुत्र झाले.

जालना येथील मिशन शाळेमध्ये त्यांचे शिक्षण झाले. मराठवाड्यामध्ये हैदराबादच्या निजामाविषयी राग निर्माण झाला आणि बद्रीनारायण यांनी 'मराठवाडा मुक्तिसंग्राम' या चळवळीत हिरीरिने भाग घेतला. वर्गमित्रांची विद्यार्थी संघटना त्यांनी बांधली. यामुळे त्यांना शाळेतून काढून टाकण्याची धमकी मुख्याध्यापकांनी त्यांना दिली; परंतु तो वाद नंतर शमला.

इ.स. १९४६ शालेय शिक्षण पूर्ण करून बद्रीनारायण हैदराबाद येथील निजाम कॉलेज येथे प्रविष्ट झाले. तेथे शिक्षण सोडून स्वातंत्र्य चळवळीत भाग घेण्यासाठी बद्रीनारायणांनी जालन्याला मुक्काम हलवला. निजाम पोलीस रजाकार बद्रीनारायणांना शोधू लागली. नंतर त्यांना औरंगाबाद येथील हरसूल जेलमध्ये कैदेत ठेवण्यात आले. सुमारे एक वर्षानंतर राष्ट्रीय काँग्रेसच्या मदतीने बद्रीनारायणांची सुटका झाली. हैदराबाद संस्थानाच्या हद्दीबाहेरील देऊळगाव राजा येथे त्यांनी बंदुकीचे शिक्षण मिळवले. अनेक हुतात्म्यांच्या त्यागाने १७ सप्टेंबर १९४८ रोजी मराठवाडा मुक्त झाला.

लहानपणापासून शेतीची आवड असलेल्या बद्रीनारायणांनी आपला मोर्चा शेतीकडे वळवला. मांडवा ता. बदनापूर जि. जालना शिवारात असलेल्या वडिलोपार्जित शेतीकडे त्यांनी लक्ष केंद्रित केले. शेतीमध्ये त्यांनी नवनवीन उपक्रम सुरू केले. 'पुसासावनी' या भेंडीचा पहिला प्रयोग झाला. मांडव्यातील प्रत्येक शेतकऱ्याला बारवाले यांनी शेतीच्या क्रांतीचा मूलमंत्र दिला आणि त्यांना आपल्यासोबत घेतले. गावासाठी बद्रीनारायणांनी अनेक शेतकऱ्यांना शालेय विद्यार्थी यांच्यासाठी १९६५ साली जि.प. शाळेसाठी बारवालेंनी मोलाची कामगिरी बजावली.

१९६७ साली 'सीड रिव्हीव्ह टिमच्या' माध्यमातून अमेरिका हॉलेंड, स्वीडन, इंग्लंड, जपान या प्रगत देशांचा बद्रीनारायणांनी दौरा केला. या

बद्रीनारायण रामुलाल बारवाले
अल्प परिचय

जन्म – १९३१ मृत्यू – २०१७

१९५० – ओक्रा संकरित वाणाची निर्मिती

१९६४ – महिकोची स्थापना

१९६७ – पद्मश्री

१९९८ – वर्ल्ड फुड प्राईज (१२ वे)

२००१ – पद्मविभूषण

२००२ – साली Monsanto या जागतिक कंपनीने महिकोच्या मदतीने बीटी–कॉटन या प्रजातीचा भारतात उपक्रम चालू केला. बोलगार्ड–१, बोलगार्ड ई २ यामध्ये महिकोचे योगदान.

२०१५ – पर्यंत महिकोचे कामकाज व्हिएतनाम, बांग्लादेश, फिलीपाईन्स आणि आफ्रिका देशांमध्ये चालते.

* महिकोकडे Bt-cotton चे licence आहे.
* २१ वेगवेगळ्या प्रजाती आहेत ज्यांचा अभ्यास महिको करते.
* १५० हून अधिक शास्त्रज्ञ महिकोमध्ये कार्यरत आहेत.
* सुमारे २० देशांमध्ये ही कंपनी चालते. आफ्रिकेमध्ये सगळ्यात मोठी बीज कंपनी महिको आहे.
* भारतातील पहिले संकरित गव्हाचे वाण 'प्रथम ७०७०' महिकोने केले.
* महिको आणि पुरस्कार

२०१३ – The Association of Biotechnology तर्फे कृषी क्षेत्रात उत्कृष्ट कामगिरीबद्दल पुरस्कार.

१९९० – International Science & Seed Technology (ISST) आणि Federation of Indian Chamber and Industries (FICCI) कडून सन्मानित.

* Bt brinjal, Monsanto यांच्या मदतीने भारतात आणले; परंतु त्याचा बेत फसला. परंतु नक्कीच भविष्यात Bt. brinjal हा वाण महिको भारताला देईल अशी अपेक्षा करणे वावगे ठरणार नाही.
* संकरित बाजरी, ज्वारी, मक्का, कापूस इत्यादी उत्पादने महिकोने भारताला दिलेले मोलाचे योगदान आहे.

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देशांतील शेती, तंत्रज्ञान व बियाणांचा बारवालेंनी अत्यंत जवळून अभ्यास केला. बियाणे उद्योजक, शेतकरी आणि शास्त्रज्ञ यांच्याशी संवाद साधला.

महाराष्ट्र राज्याचे तत्कालीन मुख्यमंत्री हरितक्रांतीचे जनक स्व. वसंतरावजी नाईक, भारताचे पंतप्रधान स्व. लालबहाद्दूर शास्त्री यांनी बद्रीनारायण बारवाले यांच्या शेती, बियाणे यांची दखल घेतली. स्वतंत्र भारताच्या या हरितक्रांतीच्या क्रांतिकारकांचा त्यांनी सन्मान केला. आज आपला भारत अन्नधान्याच्या स्वयंपूर्णतेकडे जाण्याच्या मार्गात बारवाले यांचा मोलाचा वाटा आहे. व्यापार आणि शेतीमध्ये चांगले काम याबद्दल भारत सरकारकडून दिला जाणारा पद्मभूषण हा सन्मान देऊन २००१ साली त्यांना सन्मानित करण्यात आले. तामिळनाडू विद्यापीठाकडून 'डॉक्टर ऑफ सायन्स' ही मानाची पदवी त्यांना बहाल करण्यात आली. डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठाने 'डी.लिट' ही मानाची पदवी २०१० ला बहाल केली.

उद्योजकांसोबतच बारवाले यांनी मनापासून समाजसेवादेखील केली. शिक्षण क्षेत्रामध्ये जालना एज्युकेशन सोसायटीच्या जेईएस महाविद्यालयाच्या उभारणीत मोलाचे योगदान दिले. सरस्वती भुवन शिक्षण संस्था औरंगाबाद, रांजणी या धनसावंगी तालुक्यातील छोट्याशा गावात मराठवाड्यातील पहिली इमारत बारवाले यांनीच बांधली. ग्रामीण भागातील शिक्षणाचा हा आदर्श मापदंड आहे. या शिक्षणकार्याचा आढावा घेताना लातूर येथील प्रसिद्ध 'शाहू कॉलेजच्या' धर्तीवर बद्रीनारायणांनी जालना येथे बद्रीनायाराण बारवाले महाविद्यालयाची स्थापना केली. कला, विज्ञान आणि अत्याधुनिक जैवतंत्रज्ञानाचे हे अत्याधुनिक केंद्र बनले आहे. त्याचबरोबर इंग्रजी माध्यमांच्या शाळेमध्ये गोल्डन ज्युबिली हायस्कूल जालना येथील सर्व शिक्षणाचे मापदंड असलेला दिसून येतो.

३१ डिसेंबर १९९२ जालना येथे आंतरराष्ट्रीय दर्जाचे डोळ्याचे सुपरस्पेशालिटी हॉस्पिटल 'श्री गणपती नेत्रालय' या दृष्टी तिर्थाचे शुभारंभ बारवाले यांनी केला. मद्रास येथील शंकर नेत्रालयाचा आदर्श घेऊन गणपती नेत्रालयाचे बीज त्यांनी रोवले. ७.५ एकरामध्ये १ लाख ८० हजार वर्गफुटाची इमारत बांधली. मुंबईचे सुप्रसिद्ध 'बॉम्बे हॉस्पिटल' औरंगाबादचे 'डॉ. हेडगेवार हॉस्पिटल' बारवालेंच्या सहकार्याची साक्ष आहेत.

बायोटेक्नॉलॉजी या विषयातील जागतिक पातळीवरील संशोधनाचे कार्य बारवाले नॉलेज आणि स्टडी सेंटर जालना येथे चालते. जालन्यातील बायोटेक्नॉलॉजीतील पार्क हा बारवाले यांच्या प्रयत्नातून साकार झालेला प्रकल्प आहे. दावलवाडी येथे महिलांचे कृषी संशोधन केंद्र जागतिक दर्जा आणि मान्यताप्राप्त ''महिको रिसर्च आणि लाईफ सायन्सेस सेंटर'' दावलवाडी, भारतातील १२५ कोटी जनतेस पुरेल एवढे बियाणे निर्मिती करणेचे दावलवाडीच्या या कृषी संशोधन केंद्रात चालू आहे. शिक्षण, आरोग्य आणि शेतीसंशोधन क्षेत्रात काम केलेल्या या महात्म्याचे २४ जुलै २०१७ रोजी मुंबई येथे उपचारादरम्यान निधन झाले.



पंढरीची वारी

विठूरायाची पंढरी, पंढरीची वारी
भक्तांची मांदियाळी,हरिनामाची शिदोरी

पावसाच्या सरी घेत अंगावरी
भक्तीरसात ओलेचिंब होऊनी।
तुळशीच्या सुगंधात न्हावूनी
टाळ-मृदुंगाच्या गजरात रंगूनी

नामाच्या जयघोषात,विण्याच्या तालावरी
अभंगाच्या सुरात,कीर्तनाच्या साथीत
पताका-दिंडी नाचवीत
पंढरीला जाण्याची आस मानसी

इथे नाही कोणी सान-थोर
नाही जात-धर्म भेद्।
विठुराया जीवाचे जीवन
प्राणसखे सगेसोयरे हे सर्व हरीजन

अंगी नसेल बळ,परि हरीनामाचा धीर
गोडी ऐशी नामात,देई वैराग्याचे बळ।
पडी संसाराचा विसर
मनी परमार्थाची ओढ

चंद्रभागेतीरी भक्तांचा महापूर
कटीवर ठेवूनी हात,पाठीशी उभा पांडुरंग।
सुखाचा सोहळा,विष्णुमय जग
अहंभाव झाला क्षीण,विठूरायाच्या पायी समाधान...

– **प्रिया शांताराम मुन्हे** (एम.ए.राज्यशास्त्र प्रथम वर्ष)

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छत्रपती संभाजी महाराज युवकांचे प्रेरणास्थान

रविंद्र नागेश शिंदे (११ वी, जे)

कृष्णा–भीमेच्या सह्याद्रीला कुस तुझी अखंड ।
आई जिजाऊ तुज वंदन करण्या हा महाराष्ट्र उदंड।।

अशा ह्या माँसाहेब जिजाऊ ज्यांनी या महाराष्ट्राला घडवलं अन् ह्या सह्याद्रीला दोन अनमोल रत्नं बहाल केली.

निश्चयाचा महामेरू, बहुत जनांसी आधारू ।
अखंड स्थितीचा निर्धारू, श्रीमंतयोगी ।

असे राजे शिवछत्रपती ज्यांनी या महाराष्ट्राच्या मातीमध्ये हिंदवी स्वराज्याचं देखणं स्वप्न साकार केलं. ज्यांच्या बुलंद बाहूंवर हे स्वप्न साकारलं ते मावळ मातीतील मावळे. आणि या अखंड महाराष्ट्राचे गडकोटांचे शिलेदार या सर्वांच्या रक्ताचं सार्थकी लावण्याचं काम छत्रपती संभाजी महाराजांनी केलं.

इथे झुकले देवत्वही त्या शुरत्वाच्या तेजात ।
शंभू नृपा शत प्रणाम करितो, पुरंदराच्या खोऱ्यात ।।



सह्याद्रीने पुन्हा एकदा रणशिंग फुंकावे, कोकणकड्याची तळपती तलवार हाती घेऊन रणधुरंधर, गर्जावे, गनिम, फितुरांच्या रक्त चिळकांड्यांच्या अभिषेकाने टकमक अन् विंचुकडा पुन्हा एकदा न्हाऊन निघावा, तोफांच्या सलामीने दर्या पुन्हा उसळावा, गोवा जंजिकरांना पळती भुई थोडी होई, दिल्लीच्या तख्तालाही घाम फुटावा अन् शिवाग्नीने सारा महाराष्ट्र पेटवावा एवढं सामर्थ्य कोणाच्या मनगटात असेल तर ते छत्रपती संभाजी महाराज.

हा इतिहास आजही सांगते ती भिमा भामेच्या हातात हात घालून हंबरडा फोडणारी ती इंद्रायणी. ज्या इंद्रायणीने त्या ज्ञानोबा, तुक्याला आपल्या उदरात सामावून घेतलं अन् त्याच शंभुतीर्थाला आजही कवेत घेत या महाराष्ट्राच्या हीन, दीन लाचार अन् दुबळ्या तरुणाला आजही ती इंद्रायणी स्वराज्य धर्माची अन् तारुण्याच्या उसळत्या रक्ताची शौर्यगाथा सांगते.

उपनिषदांनी सांगावं आशिष्ठो, द्रडिष्ठो, बलिष्ठो या उक्तीने तारुण्याची सांगड घालावी आणि ती संपूर्ण उक्तीच ज्यांनी आयुष्यभर आचरावी असा हा या स्वराज्याचा राजा. आज आमच्या तरुणांमधून जेव्हा तारुण्याचे तीन 'त' फार नाहीसे होतात. तेव्हा तेजस्विता, तपस्विता अन् तत्परतेचा सुरेख त्रिवेणी संगम या महाराष्ट्राच्या या शिलेदारांत झालेला दिसतो आणि ह्याच रणधुरंधरी आयुष्याला अमरत्वाची कवाडेही खुली होतात.

म्हणूनच मी आजच्या तरुणाला सांगू इच्छितो वयाच्या नवव्या वर्षी राजे जेव्हा पुरंदरासारख्या तहाला सामोरे जातात तेव्हा राजे शिवछत्रपती शंभुराजांना म्हणतात 'बाळराजे, तुम्हाला जयसिंगाची सरदारकी पत्करावी लागेल अन् एवढंच नाही, तर औरंगजेबाची सप्तहजारी मनसबदारीही स्वीकारावी लागेल. या कुठल्याही शब्दाला प्रतिउत्तर न देता स्वत:च्या आयुष्यावर पाणी फिरवून या स्वराज्यासाठी स्वत: वनवास झेलणारा तो मराठी जणांचा कैवारी होता.

त्याच वयात राजे जेव्हा आग्रा भेटीला सामोरे जातात, तेव्हा दरबारी असताना औरंगजेब राजेंना प्रश्न विचारतो, 'क्यों राजन् आपको हमसे डर नहीं लगता क्या?' त्या वेळी शंभुराजे चटकन उत्तरतात, 'हम को किसीसे भी डर नहीं लगता लेकिन हमारी वजहसे सबको डर लगता है ।' त्यावेळी राजे आम्हाला सांगून जातात. तारुण्य ही अवस्था नाहीतर ती एक स्थिती आहे.

आयुष्याच्या अन् महाराष्ट्राच्या रणांगणावरच शंभुराजे नावाजले गेले नाही, तर तोच नेकदील राजा एक उत्तम पंडित, विद्यासंपन्न वैदिक एक उत्तमोत्तम साहित्यिक आणि कवीही होता. संपूर्ण आयुष्याचं रणांगण करून ह्या महाराष्ट्राच्या मातीला तळहाताच्या फोडाप्रमाणे जपणारा, झटणारा, झगडणारा अन् वेळ आली तर याच मातीत अन् याच मातीसाठी मरणारा तो या मराठी जनांचा स्वाभिमान होता. ह्याच राजामधला कवी जागृत होतो अन् 'बुद्धभूषण'सारखा राजनीतीपर ग्रंथ लिहितो त्यावेळी आम्हाला सुमित्रानंदन पंतांच्या काही ओळी आठवतात.

वियोगी होगा पहला कवी आहसे उपजा होगा गान ।
उमडकर आँखोसे चुपचाप वही होगी कविता अनजान ।।

जेव्हा औरंगजेबासारखा विश्वधुरंधर बादशहा दख्खन जिंकण्या जीवाचं रान करतो. २७ वर्षे ज्या दख्खनने त्याला सळो की पळो करून सोडलं. बादशाही पदाचा किमांश म्हणजे पगडी आयुष्यभर ज्या दख्खनने घालू दिली नाही अन् नीच औरंग्या, या दख्खनसाठी याच सह्याद्रीच्या कुशीत गेला पण दख्खन हाती लागला नाही आणि

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हाच दख्खन ज्यांनी आयुष्यभर लढवला ते हेच छत्रपती शंभुराजे.

सागरालाही उधाण यावं, गलबतं धावत सुटावी, तोफांच्या रणधुमाळी सह्याद्रीच्या दऱ्या-खोऱ्यांत घुमाव्या, कृष्णा-भीमेनेही दहाडं फोडावी, गडकोटांनी निधडी छाताडं पुढं करावी, एका एका मावळ्यानं आयुष्याचा. गडकोट करावा असा लढत होता हा महाराष्ट्र त्या औरंग्याबरोबर आणि ठणकावून सांगत होता त्याला-

हम उछलते है तो तुफान उँछल आता है,
हम मचलते है तो तुफान मचल जाता है,
हमको बदलने की कोशिश मत करो यारो
हम बदलते है तो पुरा इतिहास बदल जाता है ।

या शब्दांची जाण ठेवणारा तो महाराष्ट्र त्या औरंग्यासारख्या शत्रूला पायदळी तुडवलं अन् त्याच 'शंभुराजांनी' या महाराष्ट्राचा ९ वर्षांचा इतिहास लिहिला. तेव्हा त्या सह्याद्रीलाही वाचा फुटते अन् बोलू लागतो.

मराठा तितुका मेळवावा । महाराष्ट्र धर्म वाढवावा ।।

आजच्या गर्भगळीत झालेल्या तरुणाला आज ह्याच शंभुविचारांची गरज आहे. या स्वराज्यासाठी देहाचे रति रति तुकडे पडले आणि याच मातीचा याच मातीत गेला. अरे तो शत्रू औरंगजेबही शंभुराजांबद्दल बोलू लागतो. ''अरे मारणारा तर मेला; परंतु मेलेला अमर झाला.'' म्हणूनच हेच रणधुरंधरी आयुष्य या भारताच्या तरुणांचं प्रेरणास्थान आहे. दाढी वाढवून, गळ्यात रुद्राक्षाच्या माळा घालून कपाळाला चंद्रकोर लावून कोणी शंभुराजे अन् शिवाजीराजे होत नाही. त्यासाठी त्यांच्या विचारांची गरज लागते. शिवचरित्र आणि शंभुचरित्र डोक्यावर घेऊन नाचायची गोष्ट नाही, तर ते डोक्यात उतरवण्याची गोष्ट आहे.

नातं बाप लेकीचं

पोरगी म्हणजे असते वडिलांची जान
तिची वाहवा झाल्यावर उंचावते बाबांची मान
स्वतः मात्र वापरतात शर्ट-पँट जुनी
मुलीसाठी आणतात भांडी-नि खेळणी
पोरगी म्हणजे असते बाबांची लाडकी पुरी
बाबांमुळेच असते तिची दुनिया लय भारी
बाबा आहेत माझे पहिले गुरु
त्यांच्यापासूनच होते माझी दुनिया ही सुरु
माझ्यासाठी बाबा आहेत खरे हिरो
माझ्या लेखी बाबांना मार्क आहे शंभर
आणि बाकिच्यांना झिरो
चूक झाल्यावर बाबा बघतात डोळे वटारुन
मारत नाहीत कधी पण चूक सांगतात समजावून
पोरीसाठी आणतात लाखात एक स्थळ शोधून
मुलीला आनंदी ठेवणारा जावई शोधताना
जातात बाबांचे पाय झिजून
पोरगी सासरी जाताना आतून बाबा जातो खचून
पण सासरी कशाची ही कमतरता न भासे।
म्हणून देतो सर्व आंदण
माझ्यासाठी बाबा आहेत प्रभु श्री राम
अशा माझ्या लाडक्या बाबांना माझा शतशः प्रणाम !!

– मोनिका रामचंद्र कुंटे
(द्वितीय वर्ष वाणिज्य)

ती

ती आहे 'सावित्री', स्त्रीशिक्षणाची कवाडं उघडणारी
ती राणी 'लक्ष्मीबाई' रणांगणी लढणारी
तिनेच शिवबा घडविला, तिच्यामुळे या अस्तित्वाला अर्थ
तीच जन्म देते येथे, तिच्याविना वांझ हा पुरुषार्थ

ती एक 'कल्पना', अंतरीक्ष भेदणारी
'सिंधुताई' झालेसी माय अनाथांना मायेची ऊब देणारी
कधी काट्यातील सुंदर गुलाब ती, तर कधी नाजूक जाई
ती असते प्रत्येक घरातील एक हृदयप्रिय एकनिष्ठ आई

ती आहे संगीतातली 'लता', ती कवितेतली बहिणाबाई
ती गरीबांची 'मदर तेरेसा' अन् समाजाची 'पंडिता रमाबाई'
किती गाऊ मी तिच्या वैचारिक प्रगल्भतेचे गुणगान
येथील प्रत्येक स्त्री आहे या भारतभूमीचा स्वाभिमान

बापाची ती परी ती आनंदाची शिदोरी, ती पावसाच्या सरी
ती एक प्रेयसी, अन् त्या शायराची शायरी
प्रत्येक नात्याला जपणारी 'ती' एक कर्तव्यदक्ष नारी

जगाची बंधने तोडून सारी
येथेच घे तू उन्मुक्त भरारी
घे तू उन्मुक्त भरारी...

– शुभांगी मधुकर शिंदे, (T.Y.B.Sc.-Zoology)

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आजची स्त्री खरंच स्वतंत्र आहे का?

अस्मिता पायनाईक M.A. II (मराठी)

आजच्या युगामध्ये स्त्री ही पुरुषाएवढीच आघाडीवर असलेली आपल्याला पाहावयास मिळते. शैक्षणिक, सामाजिक, राजकीय क्षेत्रात ती पुरुषांच्या बरोबरीने काम करताना प्रगतीपथावर आहे. अर्थार्जनामध्येही ती पुरुषाएवढीच, किंबहुना त्यापेक्षाही जास्त कष्ट करताना दिसते. साहजिकच पूर्वीपेक्षा आत्ताच्या युगात स्त्रीला समाजात मोठे स्थान प्राप्त झाले आहे. ते तिने स्वत:च्या कर्तृत्वाने, कष्टाने, बुद्धिमत्तेने मिळविलेले आहे यात शंकाच नाही.



एकूण सर्वच बाबतीत स्त्रिया ह्या पुरुषांच्या बरोबरीने आघाडीवर आहेत. हे जरी खरे असले, तरी या सर्व गोष्टी काही ठराविक वर्गापुरत्या मर्यादित आहेत. काही ठराविक स्त्रियांच्या बाबतीत खऱ्या आहेत. स्त्री सर्वच क्षेत्रांत आघाडीवर आहे असे म्हटले तरीही तिच्यावर अन्याय होताना आजही दिसून येतोच आहे. आजही वर्तमानपत्र उघडले की, जास्तीत जास्त स्त्रियांबाबतच्या अन्यायाच्या बातम्या जास्त असतात.

सुशिक्षित वर्गातही पत्नी सुगरण, सुस्वभावी, समजूतदार असली तरीही तिला मुलीच झाल्या तर तो दोष तिचाच समजून पतीचा दुसरा विवाह लावला जातो. मुलगा व मुलगी होणे हे स्त्रीच्या हातात नसते हे न कळण्याइतपत समाज मागासलेला तर आता नाही ना? तरी पण या ठिकाणी काही गुन्हा नसताना स्त्रीला अन्याय सहन करावा लागतो. साधारणपणे लग्नाला ५-६ वर्षे झाली व घरात पाळणा हलण्याची चिन्हे दिसली नाहीत की योगीबाबा, डॉक्टर तपासण्या चालू होतात. त्यात प्रथम स्त्रीच्याच केल्या जातात. मूल जन्माला येण्यासाठी दोघेही तेवढेच जबाबदार असतात, पण स्त्रीला प्रथम दोष येतो. का? तिच्यात काही दोष नाही असे समजल्यास कसातरी तयार होऊन पुरुष डॉक्टरकडे जायला तयार होतो. या चाचण्यांत स्त्रीच्यात दोष निघाला तर पुरुष या कारणावरून तिच्या संमतीने अथवा तिच्याशी घटस्फोट घेऊन दुसरे लग्न केल्याचे आपल्याला आढळते.

ऐन तारुण्यात पतीच्या अपघाती निधनाने विधवा झालेल्या मुली आपण पाहातो. मूलबाळ नसेल तर ठीक, किमान दुसऱ्या लग्नाचा विचार तरी केला जातो. पण जर पदरी लहान एक-दोन मुले असतील तर तिला आपले उभे आयुष्य एकटीने काढावे लागते. तरी ती त्या लहान मुलांना सांभाळत त्यांचे सगळे करते. मुलांना व्यवस्थित वाढवून त्यांचे शिक्षण वगैरे करून त्यांना मोठ्या हुद्द्यावर बसविलेल्या मातांची अनेक उदाहरणे आपण पाहातो. पण हेच जर एखाद्या पुरुषाबाबतीत त्याची पत्नी अचानक सोडून गेली, तर एका वर्षाच्या आतच त्याच्या दुसऱ्या लग्नाची बोलणी सुरू केली जातात. मुलांना कोण सांभाळणार, घरातले कोण करणार, स्वत:ची सर्वच गरज भागवण्यासाठी दुसरे लग्न करतो. त्यामध्ये त्याचा स्वार्थच असतो खरे तर! स्त्री आपल्या पतीच्या प्रेमाखातर त्याच्या आठवणींवर सगळे आयुष्य काढण्यास तयार होते. त्याच्या मुलांना मोठे करते. स्वत:चा विचारही ती कधी करत नाही, पण पुरुषांचे तसे नसते.

आपला समाजही त्यास तेवढाच जबाबदार आहे. एखाद्याची पत्नी तरुण वयात गेली की, लगेच त्याला वर्षाच्या आत लग्नासाठी प्रस्ताव येतात. मुलांना सांभाळायला, घरात लक्ष्मी हवी. एकटा किती दिवस राहाणार, पण असा प्रस्ताव तरूण विधवेकडे क्वचितच अपवादाने पाहायला मिळतो. नाही तर तिलाच तूच पांढऱ्या पायाची म्हणून नवऱ्याला घालवून बसलीस असा आरोप तिच्यावरच करण्यात येतो. स्त्री ही लग्न करून तुमच्या घरी आपले माहेर, बहीण-भाऊ, आई-वडील यांना सोडून येते. तुमच्या घरची जबाबदारी उचलते. तुमच्या मुलांना जन्म देते. त्यांना मोठे करते. वेळप्रसंगी तुमच्या पाठीशी खंबीरपणे उभी राहाते. एकटा पुरुष किंवा स्त्रीही फारसा पराक्रम नाही गाजवू शकत. दोघांनाही एकमेकांची साथ सारखीच हवी असते. हा संसाररूपी रथ एका चाकाच्या साहाय्याने चालवता येत नाही तरीसुद्धा कायम स्त्रीवरच अन्याय का? आपला समाज कितीही बदलला तरी स्त्रीवर होणारे अन्याय कधी संपणारच नाहीत का? पेपरमध्ये रोज नवविवाहतेच्या आत्महत्या. सुनेचा छळ करून मारले, अल्पवयीन मुलीवर बलात्कार करून तिची निर्घुण हत्या अशा बातम्या येणे कधी थांबेल?

ह्या स्त्रीवरील अन्यायाला जबाबदार कोण? तिला कधी न्याय मिळेल की नाही? याला उत्तर सापडेल की नाही? असे अनेक प्रश्न आपल्या आधुनिक समाजातही अनुत्तरीतच राहात आहेत. सर्व क्षेत्रांत सतत पुढे जाण्यासाठी धावणारा आपला समाज स्त्रियांच्या बाबतीत मागे का जातो? हीच आज आपल्या समाजाची मोठी खंत आहे. कोणीतरी येईल ही परिस्थिती बदलेल या आशेवर कधीपर्यंत राहाणार आपण? यासाठी जास्त काही करण्याची पण गरज नाही. आपण प्रत्येकाने आपल्या आजूबाजूला असणाऱ्या स्त्रियांबद्दल मनात आदर ठेवून त्यांना मानापानाची वागणूक दिली तरी खूप फरक पडू शकेल. आपली आई, बहीण, बायको, मुलगी यांना माणूस मानून त्यांच्यात भेदभाव न करता वागले तरी खूप काही घडेल. कारण परिवर्तन नेहमी आपल्यापासून सुरू केले तर त्याचा फायदा जास्त होतो.

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वसुंधरा वाचवा – पृथ्वीचे वाढते तापमान रोखा

पुष्कर सुनील पाटील (एस.वाय.बीएस.सी.)

पृथ्वीवर माणूस प्रगती करत असताना, विज्ञान आणि तंत्रज्ञानाच्या जाळ्यात माणूस इतका काही हरवून गेला की, आपल्या पर्यावरणाला विसरूनच गेला. विकास हा महत्त्वाचा आहे, पण आपला निसर्गही तेवढाच महत्त्वाचा आहे, हे विसरला, पण निसर्गाने पण आपली ताकद दाखवली आहे. पर्यावरणाची जी हानी झाली त्यामुळे पर्यावरणात असंतुलन निर्माण झाले. त्यामुळे प्रगती करताना पर्यावरणाचे भान राखणे आवश्यक आहे.



पृथ्वीवरील प्रत्येक सामान्य माणसाने जगातील तापमान वाढीबद्दल जागरूक असणे आवश्यक आहे. पृथ्वी दिवसेंदिवस जळत आहे. काही काळापासून विचार केला, तर पावसाळ्यात ऊन असते, उन्हाळ्यात पाऊस, तर हिवाळ्यात ऊन असते. सगळ्या प्रदूषणाच्या समस्या मोठ्या प्रमाणात भोगाव्या लागत आहेत. पृथ्वीचा ओझोन थर विरळ होत असल्याने पृथ्वीवरील तापमान वाढत आहे.

लोकसंख्या वाढली, लोकांना राहाण्यासाठी जागा नाही. गावातील माणसे शिक्षणासाठी, कामासाठी शहरात जात आहेत. जागेच्या अभावामुळे मोठ्या प्रमाणात वृक्षतोड झाली आहे. कारखाने उभे केले जात आहेत. पावसाचे प्रमाण कमी झाले आहे. त्यामुळे जलसंवर्धनात कमतरता भासत आहे. वृक्षतोडीमुळे ऋतुमान बिघडले आहे.

डोंगराचे सपाटीकरण करून तेथेही इमारती उभ्या केल्या जात आहेत. मोबाईल टॉवर बसविले जात आहेत, कारखाने उभे केले जातात. वाढत्या लोकसंख्येने कार्बन–डाय–ऑक्साईड वायूचे प्रमाण वाढत आहे.

जागतिक तापमान वाढ रोखायची असेल तर जास्तीत जास्त झाडे लावली पाहिजेत.

पर्यावरणाचा कोणी विचार केला तर त्या होत्या स्व. पंतप्रधान इंदिरा गांधी. ज्यांनी अभयारण्याचे जाळे पसरून मोठ्या प्रमाणात काम केले आहे आणि वृक्ष मोठ्या प्रमाणात वाढले आहेत. जागतिक तापमानवाढीवर मोठ्या प्रमाणात चर्चा होते, पण तेथे अमेरिकेसारखी महासत्ता या प्रश्नापासून दूर जात आहे. अमेरिका नाही तर प्रत्येक राष्ट्र कोणतेही पाऊल ठोसपणे उचलत नाही.

सौरऊर्जा प्रकल्प हे सध्याच्या काळात अत्यंत महत्त्वाचे आहेत. हे अपारंपरिक स्रोत हे पर्यावरण प्रदूषणाला पर्याय ठरू शकतात. त्यामुळे प्रदूषण तर कमी होईलच, पण आर्थिक प्रगती व्हायलाही प्रोत्साहन येईल.

वाढती वाहनसंख्या हा एक मुख्य त्रास, ज्याने प्रदूषण वाढते. त्यासाठी सीएनजी, इलेक्ट्रिकल गाड्या हा एक अत्यंत चांगला उपाय. वाढत्या तापमानामुळे हिमनद्या मोठ्या प्रमाणात वितळत आहेत, तर समुद्रपातळी वाढत आहे. अनेक प्रजाती नष्ट होण्याच्या मार्गावर आहेत. केरळमध्ये महापूराने जे थैमान घातले त्यावरूनच परिणाम किती भयंकर आहे हे जगाने पाहिले आहे.

कार्बन उत्सर्जन कमी करण्यासाठी जो करार झाला त्यावर अंमलबजावणी झाल्यास नक्कीच फायदा होईल असा विश्वास वाटतो.

पर्यावरण संवर्धनाचा विचार करून शाश्वत विकासाच्या, संकल्पनेचे पालनपोषण करायला हवे आणि कायद्याची काटेकोरपणे अंमलबजावणी व्हायला हवी.

अबोल प्रेम

प्रेम माझे डोळ्यांतले टिपून घेशील का?
प्रेम मनीचे माझे जाणून घेशील का?
प्रेम हृदयातले माझे
तुझ्या हृदयात ओढशील का?
नाहीच झाले काही तर
खोटे–नाटे मी तुझ्यावर प्रेम
करतो हे बोलशील का?
नाहीच झाले बोलणे तर
डोळ्यांनी खुणावशील का?
नाही झाले खुणावणे तर
मान डोलावशील का?
नाहीच झाले काही तर
चितेवर माझ्या दोन अश्रू ढाळशील का?
समजेन मी होते प्रेम माझे अबोल
पण अश्रूने वाहणाऱ्या
माझ्या नयनांना तुझ्या प्रेमाची
एक नजर देशील का?

– **चेताली विश्वनाथ गायकवाड**
(एम.ए. मराठी भाग – १)

सोशल मीडिया आणि तरुणाई

राजेश चंद्रकांत रिठे (एम.ए. मराठी – प्रथम वर्ष)

सोशल मीडिया आजचा परवलीचा शब्द. एका शब्दात ओळख करून द्यायची झाली, तर त्यासाठी समर्पक शब्द आहे, 'जगण्याचं व जगविण्याचं साधन'. सोशल मीडियाबद्दल सर्वसामान्य जनतेत कुतूहल वाढत आहे. उत्साह व नवचैतन्याचा झरा अर्थात आजची तरुणाई मग कशी मागे राहाणार? फेसबूक, ट्विटर, ऑर्कूट, इन्स्टाग्राम इत्यादी सोशल मीडियाच्या साईट्स तर तरुणांच्या गळ्यातील ताईतच बनल्या आहेत. आजची तरुणाई सोशल मीडियाच्या माध्यमातून व्यक्त होत आहे.



सोशल मीडियाचा सगळ्यात मोठा फायदा म्हणजे जगाच्या कानाकोपऱ्यातील कोणत्याही व्यक्तीशी तुमचा थेट संवाद होऊ शकतो. थेट संवादाचा फायदा वेगवेगळ्या क्षेत्रांतील तुमचे ज्ञान वाढवण्यापासून व्यवसायवृद्धीपर्यंत कसाही होऊ शकतो. सर्व प्रकारच्या व्यावसायिक अभ्यासक्रमाचाही लाभ तरुणाई अगदी सहजपणे घेऊ शकते. संगीत, सिनेमा, वाचन, नाट्य, कला, ट्रेकिंग, फोटोग्राफी अशा विविध गोष्टींची आवड असणाऱ्या तरुणाईला सोशल मीडिया म्हणजे माहितीचा आणि माहितगारांचा खजाना आहे. शैक्षणिक, नोकरी व्यवसाय, सांस्कृतिक आणि विविध छंद अशा अनेक क्षेत्रांतील माहिती घरबसल्या मिळणे हे तरुणाईला मिळालेले वरदान आहे.

व्यक्तिमत्त्व विकासासाठी वेगवेगळ्या विषयात रुची असणे ही बाब आजच्या तरुणाईला सोशल मीडियाच्या माध्यमातून उमगली आहे. सोशल मीडियामुळे तरुणाईस नव्यानव्या गोष्टींची ओळख झाल्यामुळे त्यांचा स्वत:कडे पाहाण्याचा दृष्टिकोन बदलतो आहे. त्यामुळे व्यावहारिक कौशल्य आणि जीवनविषयक दृष्टिकोन समृद्ध होत राहातो. सोशल मीडियावरील वेगवेगळ्या विषयांवरील चर्चा हा एक स्वतंत्र विषय आहे. तरुण वर्गासाठी ही चर्चा, एखाद्या मुद्द्यावरील सर्व प्रकारची मते वाचणे व आपले स्वत:चे मत तयार करणे यासाठी फारच उपयोगी आहे. सर्व विषयांवर स्वत:ची मते हवी असणारी व ती भीडभाड न ठेवता मांडणारी ही पिढी आहे.

घडत्या वयात बनत जाणाऱ्या मतांचा तरुणाईच्या उभ्या आयुष्यावर परिणाम होतो. परिणामी प्रभावीपणे व सद्सद्विवेकबुद्धीने तरुणाईने सोशल मीडियाचा वापर केला, तर भावी समाजाविषयी कोणतीही काळजी करणे गरजेचे नाही. शिवाय त्यामुळे अचूक व नेमक्या शब्दांत आपले मत मांडण्याचे कौशल्य तरुणाईत नकळत वाढते. सोशल मीडिया ही तरुण पिढीला मिळालेली एक सुंदर संधी आहे व त्याचा पुरेपूर वापर करून घेताना ह्या तरुणाईला पाहाणे हा एक निखळ आनंदाचा भाग आहे. अशाप्रकारे सोशल मीडिया आणि तरुणाई हे एक घट्ट ऋणानुबंध झाल्यास त्याचा उपयोग व्यक्ती, समाज आणि देशाच्या सर्वांगीण विकासासाठी निश्चितच होणार आहे.

आणखी एक महत्त्वाचा फायदा तरुणाईला या सोशल मीडियाच्या माध्यमातून होणार आहे. तो, एखाद्या मुद्द्यावर स्वत:ची भूमिका ठरवायचा, न पटलेल्या गोष्टींबद्दल निषेध, आंदोलन इ. करण्याचे सध्याचे हिंसक मार्ग सर्वांनाच आवडतात असे नाही, पण आंदोलनामागील भूमिका पटत असते. अशा वेळी या सोशल मीडियाच्या माध्यमातून खूप तरुणाई व्यक्त होत असते. अशी भूमिका घेता येणे हे व्यक्तिमत्त्वाची कणखरता वाढविण्यासाठी अतिशय मदत करते. स्वत:ची स्वत:ला अशी ओळख होणे हे घडत्या वयात खूप गरजेचे आहे. सोशल मीडियामुळे ही संधी शांततामय मार्गाने तरुणाईला मिळवून दिली आहे.

पूर्वीच्या काळात माहितीचे स्रोत मर्यादित होते. तेव्हा शाळा/कॉलेजमध्ये गेल्याशिवाय शिक्षण शक्य (च) नाही असं वाटणं साहजिक होतं. आज माहितीचे स्रोत घरात, खिशात, हातात येऊन पोहोचले आहेत. फक्त ही माहिती 'प्रोसेस'करणे आणि 'अप्लाय' करणे अर्थातच योग्य प्रकारे याच तरुणाईला मार्गदर्शन करण्याची गरज आहे. सोशल मीडियाचे अनेक फायदे सर्व थरांतील तरुण वर्गासाठी आहेत.

तरुणाईसाठी सोशल मीडिया घातक असल्याची सातत्याने दवंडी पिटवली जात असली, तरी सोशल मीडियाचा योग्य वापर करण्यासाठी शासन आणि प्रशासनही वेळोवेळी योग्य ती खबरदारी घेत आहे. तथापि काही वेळेस सोशल मीडियाचा गैरवापर होत असल्याच्या घटनाही आढळून येतात. त्यामुळे 'सोशल मीडिया – तरुणाईसाठी शाप की वरदान' असाही प्रश्न उपस्थित केला जातो. त्यामुळे शिस्त

पाळणे अत्यंत आवश्यक आहे. काही जणांना ही शिस्त मान्य नाही. दुर्दैवाने अशी मंडळी कायद्याच्या कचाट्यात अडकतात.



सोशल मीडियाचे आज केवळ शहरातीलच नव्हे, तर गावस्तरापर्यंतच्या तरुणाईत मान्यता पावून प्रसिद्ध झाले आहे. अन्न, वस्त्र, निवारा यांच्याइतकेच सोशल मीडियाही आता जीवनावश्यक बाब होऊन बसली आहे. जर एखाद्या तरुणाला एकांतात ठेवले, तर तो म्हणेल, ''बाकी काही नको, पण सोशल मीडिया चालू राहील असे पाहा.'' सोशल मीडिया हे विज्ञानाचेच अर्थात पर्यायाने मानवाचेच अपत्य आहे. मानवाने आपला विकास साधण्यासाठी त्याचा आधार घेतला, आदर्श ठेवला. ज्ञानाच्या प्रकाशाची बरोबरी इतर कोणताही प्रकाश करू शकणार नाही, असे म्हटले जाते. त्यामुळे तरुणाईने समता पसरविण्यासाठी, अंधश्रद्धा-अनिष्ट रूढी दूर करण्यासाठी, व्यापक जनहित व पर्यायाने राष्ट्रीय एकात्मतेसाठी सोशल मीडियाचा प्रभावी वापर करणे अपेक्षित आहे.

गतकाळातील "India Against Corruption", ''निर्भया'' इत्यादीसारख्या व्यापक व जनहितार्थ चळवळी या सोशल मीडियाचे फलद्रूप स्वरूप आहे- सोशल मीडियाचे हे अचाट सामर्थ्य जाणून काही समाजकंटक मंडळी वैयक्तिक फायद्यासाठी सत्यापासून दूर सरकतात. त्यामुळे काही तरुणाई वेगळ्याप्रकारे व्यक्त झाल्याची देखील उदाहरणे आहेत. अशा काही वेळी तरुणाईने सोशल मीडियाच्या त्या घटनांपासून सावध राहिले पाहिजे. सोशल मीडियाचा हा धोका लक्षात घेऊन तरुणाई विचारपूर्वक वागल्यास खरोखरच सोशल मीडिया हे आदर्शवत मार्गदर्शक तथा जगण्याचे व जगविण्याचे साधन ठरेल.

सोशल मीडिया व तरुणाई याबाबत पालकांची वेगवेगळ्या प्रकारची मते आढळून येतात. ते म्हणतात, 'वेड लागलं तरुणाईला'. अगदी सकाळी उठल्यापासून रात्री झोपेपर्यंत 'लाइक अँड शेअर'. अशावेळी 'आखिर क्यों?' या हिंदी चित्रपटातील गीतकार इंदिवर यांच्या गीतातील पुढील ओळी आठवतात...

''दुश्मन न करे दोस्त ने वो काम किया है ।
उम्रभर का गम हमें इनाम दिया है ।''

सोशल मीडियाने तरुणाईच्या जीवनाला विलक्षण गती लाभली आहे, शक्ती वाढवली व ऐश्वर्यही वाढवले आहे. अशा प्रकारे तरुणांच्या जीवनात सोशल मीडियाला फार महत्त्व आहे. याचा वापर करून तरुणाईने व्यक्तिश: समाज व राष्ट्रनिर्मितीसाठी खारीचा वाटा उचलला पाहिजे. ही देखील एक प्रकारची देशसेवाच आहे. आपण ज्या समाजात राहात असतो, त्या समाजाचे आपण ऋणी असतो. मालात भेसळ करणारे, माल दडवून ठेवून कृत्रिम टंचाई निर्माण करणारे, मुलांना पळवून वाम मार्गाला लावणारे, भ्रष्टाचारी, बुवाबाजी-भोंदूगिरी करून फसवणाऱ्यांना शोधून काढून समाजाला पीडा देणारी ही कीड नाहीशी करण्याचे काम सोशल मीडियाच्या माध्यमातून तरुणाई नक्कीच करू शकते.

''ममतेशिवाय समता नाही'' हे त्रिकालाबाधित सत्यवचन असून, त्यासाठी सोशल मीडिया आणि तरुणाई या जोडीने एकदिलाने काम करणे ही काळाची गरज आहे.

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माझे प्रेमळ बाबा

पतंगा रे पतंगा थोडा तू थाबंना
बाबा माझे देवाघरी त्यांना निरोप सांग ना
मला येते पप्पांची खूप खूप आठवण
पण कोणाला सांगू मनात बसले आहे
सर्व दु:ख साठवून
कायम भासत राहिल मला तुमचीच उणीव
म्हणूनच मी स्वत:ला तुम्ही पाठीशी आहात
याची करून देते जाणीव
कुठेतरी भेटाल अशी आहे मनी आस
सदैव होतो मला तुमचाच भास
तुम्ही आहात पाठीशी याचे आहे मला भान
पप्पा तुम्ही आहात सर्वात छान म्हणूनच
मी गाते तुमचे गुणगान
मला आहे माझ्या चुकांचा पश्चात्ताप
छोटी समजून मला कराल का तुम्ही माफ ?
परत एकदा मला तुमच्या कुशीत सामावून घ्याल का ?
देवाशी भांडून माझ्याकडे परत एकदा याल का ?

- मोनिका रामचंद्र कुंटे (द्वितीय वर्ष वाणिज्य)

मॉडर्न - आयुष्यभराची शिदोरी देणारे ज्ञानमंदिर

शिल्पा त्रिंबक जाधव (M.Sc. Statistics - Part II)

दिनांक २३ फेब्रुवारी २०१९ ला कॉलेजने एम.एस्सी. (स्टॅटिस्टिक्स) च्या विद्यार्थ्यांचे गेट टुगेदर आयोजित केले होते. यामध्ये २००९-२०१९ पर्यंतचे सर्व विद्यार्थी उपस्थित राहिले होते. कार्यक्रम दुपारी ४ वाजता सुरू होणार होता. लेक्चरला नेहमी उशिरा येणारे विद्यार्थीही आज मात्र वेळेच्या अगोदर उपस्थित राहिले होते. कोणी आपल्या साथीदाराला तर कोणी आपल्या मुलांना घेऊन आले होते. सगळ्या विद्यार्थ्यांमध्ये खूप बदल जाणवत होता. बदलले नव्हते ते फक्त कॉलेज आणि शिक्षक.

मी बी.एस्सी. पर्यंतचे शिक्षण बारामतीमध्ये केले आणि एम.एस्सी. साठी पुण्यात आले, मॉडर्न कॉलेजमध्ये एम.एस्सी. ला ॲडमिशन घेतले. खरेतर या एम.एस्सी. च्या दोन वर्षांमध्ये आयुष्यभर उपयोगी पडतील अशा खूप काही गोष्टी शिकायला मिळाल्या.

एकदा माझे आणि माझ्या मनाचेच भांडण सुरू झाले. माझे मन मला म्हणाले, 'शिल्पा एम.एस्सी. झालीस. आता तू स्पर्धेच्या जगात पाऊल टाकणार. तुला काय वाटते तू या दोन वर्षांत घेतलेल्या ज्ञानावर हे आयुष्य सुंदररीत्या जाणार का? मी म्हणाले, हो मी माझे आयुष्य अगदी सुंदररीत्या जगणार. कारण एम.एस्सी. करताना स्टॅटिस्टिक्सबरोबर आयुष्यभर उपयोगी पडतील अशा खूप गोष्टी शिकले आहे मी. Sampling Theory शिकविताना कापरे सरांनी शिकविले, आयुष्यात योग्य गोष्टींचे Sampling करायला. factor Analysis शिकविताना कांबळे मॅमने शिकवले, आयुष्यात योग्य factor कसे निवडायचे ते.

पण मन म्हणाले, अग आयुष्यात काही गोष्टी सांगून येत नाहीत त्या अचानक घडतात, पण काय करशील? मी म्हणाले, अरे Regrsssion शिकवताना उमराणी मॅमने शिकवले, आयुष्याचे योग्य prediction करायला. मन म्हणाले, पण कधी कधी काही गोष्टी तुझ्या हाताबाहेर असतील तर मग? मी म्हणाले यावरही आहे उपाय, कारण साने मॅमने Inference शिकविताना सांगितले आहे की, कोणतीही गोष्ट confidence bound च्या बाहेर असेल तर Hypothesis reject करायचे.



मन म्हणाले, शिल्पा तू समजतेस इतके साधे, सोपे नाही आयुष्य. आयुष्यात येतात खूप साऱ्या अडचणी आणि खूप सारे error मग काय करशील? मी म्हणाले, देशमुख मॅमने शिकविला आयुष्याचा programme run करायला तोही without error.

मन ही अगदी अचाट-भन्नाट, म्हणाले, अग पण इतके सारे करताना, नवीन गोष्टी शिकताना, तू दमशील, थकशील मग काय करशील?

मी म्हणाले, हो नवीन गोष्ट करताना, शिकताना मी दमेन, थकेन पण थांबणार नाही. कारण त्यावेळी आमच्यासारख्या २०-२२ वर्षांच्या तरुणांनाही लाजवेल इतका कामातील उत्साह असणारे दीक्षित सर आणि मराठे सरांना आठवेल.

मन म्हणाले की, एवढ्या सगळ्या गोष्टी आचरणात आणल्यावर तू नक्कीच यशाच्या शिखरावर पोहोचशील, पण त्यावेळी गर्वाने फुलून नाही ना जाणार. मी म्हणाले, छे! कधीच शक्य नाही. कारण आयुष्यात कितीही यशाचे शिखर गाठले, तरी सगळ्यांशी नम्रपणे वागायचे हे शिकले. मी आमचे प्राचार्य झुंझारराव सरांकडून. माझ्यापुढे माझ्या मनाने शेवटी हार मानले ते म्हणाले की, तुम्ही statistics चे विद्यार्थी तुम्ही हा आयुष्याच्या बुद्धिबळाचा डाव सहजच जिंकणार.

खरंच या एम.एस्सी.च्या दोन वर्षांमध्ये खूप काही शिकायला मिळाले. आयुष्यभर पुरेल अशी ज्ञानाची आणि अनुभवाची शिदोरी मिळाली. कॉलेजविषयी बोलताना मला रविंद्रनाथ टागोर यांच्या काही ओळी आठवतात.

जिथे शब्द सत्याच्या चाळणीतून
बाहेर पडतात,
जिथे शब्द आणि कृती एकमेकांच्या
हातात हात घालून चालू लागतात,
जिथे तेजोमय बुद्धिमत्ता आणि
तर्कशुद्ध प्रतिभा यावर प्रत्येक गोष्ट
घासून पाहिली जाते.
अशा माझ्या या ज्ञानमंदिरास,
आणि ज्ञानमंदिरातील प्रत्येक गुरुवर्यास
माझे वंदन!

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सोशल मीडियाची वाढती व्यसनाधिनता

संकेत ढमाणे (द्वितीय वर्ष विज्ञान)

सोशल मीडियाच्या जाळ्यात माणूस हरवलाय. एका आभासी जगात माणुसकीपण हरवली आहे. सोशल मीडियात सोशल मीडियाच्या आभासी जगात वावरताना वास्तवात जगायचं कसं हेच तो विसरलाय...



विज्ञान व तंत्रज्ञानात झालेल्या प्रगतीमुळे आज आपल्या दैनंदिन जीवनात प्रचंड प्रमाणात बदल घडून आला आहे. त्यातच समाजात संपर्कासाठी असणारी माध्यमही बदलली. तंत्रज्ञानातील प्रगतीमुळे पत्र, तार या माध्यमांची जागा आज ई–मेलने घेतली आहे. गेल्या एक दशकापूर्वी जागोजागी दिसणाऱ्या पी.सी.ओ आणि लँडलाईनची जागा सेलफोनने घेतली आणि पी.सी.ओ. आणि लँडलाईनला हद्दपार केले. पण तंत्रज्ञानातील क्रांतीमुळे सेलफोनही जवळपास हद्दपार झाले आहेत आणि त्यांची जागा स्मार्टफोन ने घेतली आणि या स्मार्टफोनमधूनच जन्माला आला सोशल मीडिया. सोशल मीडियाचे वर्णन मला करायच असेल तर मी अस करेन की ''सोशल मीडियामुळे सातासमुद्रापलीकडे असणारे लोक हाकेच्या अंतरावर आले, मात्र हाकेच्या अंतरावर असणारी माणसं सातासमुद्रापलीकडे गेली.''

आज कट्ट्यावरच्या गप्पांची जागा व्हाटॲपवरच्या चॅटने घेतली आहे. कुटुंबासोबत बसून टिव्हीवर पाहिल्या जाणाऱ्या मालिकांची जागा कोपऱ्यात बसून एकांतात पाहिल्या जाणाऱ्या नेटफ्लिक्स, ॲमेझॉन प्राईमवरच्या वेबसिरीजने घेतली आहे. सणसमारंभाच्या वेळी एकमेकांच्या घरी जाऊन घेतल्या जाणाऱ्या भेटीऐवजी सोशल मीडियावर दिल्या जाणाऱ्या शुभेच्छांना अधिक महत्त्व आहे. विविध कारणांसाठी घेतल्या जाणाऱ्या पत्रकार परिषदांची जागा हळूहळू ट्विटरवर केले जाणारे ट्विट घेत आहे. काळानुसार समाजात बदल होणं अनिवार्यच असतं. त्यामुळे हे बदल तर आपण स्विकारायलाच हवेत. परंतु एका विशिष्ट मर्यादेपर्यंत आणि आपलं कुठल्याही प्रकारचं नुकसान होणार नाही याची योग्य ती काळजी घेऊनच. पण आपण सोशल मीडियाला केवळ स्विकारलच नाही, तर याला जीवनाचा अविभाज्य असा भागच बनवून टाकला. इतकं की समाज त्याच्या आधीन कधी झाला हे कळालसुद्धा नाही. व्हॉटसॲपवर चॅटींग करणं आपल्या जीवनातील प्रत्येक क्षण आपलं स्टेटस् दाखवण्यासाठी स्टेटस्ला टाकणे, फेसबुकवर कमेंट करणे या सर्व गोष्टींचं समाजाला जसं काही व्यसनच लागलं आहे.

माध्यमातून पसरणाऱ्या अफवांमुळे देशभरात १०० हून अधिक लोक गंभीर जखमी झाले तर ४० निरपराध लोकांना सोशल मीडियामुळे आपला जीव गमवावा लागला. सोशल मीडियावर फिरणाऱ्या एका बनावट चित्रफितीमुळे समाज इतका विवेकहीन, हिंसक झाला की भरदिवसा त्याने लोकांना दगडाने ठेचून मारायला सुरुवात केली. या हिंसक जमावाला आवर घालणं सुरक्षादलासाठी कठीण होऊन जातं. काश्मीरमध्ये तर दहशतवादी सुरक्षादलाविरोधात सोशल मीडियाचा अत्यंत प्रभावीपणे वापर करत आहेत. त्यामुळे या प्रक्षोभक जमावाला आवर कसा घालायचा हा देशाच्या अंतर्गतसुरक्षेसाठीचा सर्वांना मोठा प्रश्न आहे. परंतु सहिष्णुतेसाठी ज्ञान असणाऱ्या भारतीय समाजाला हे कृत्य अजिबात शोभत नाही. पण एवढा आजचा समाज प्रक्षोभक झाला कसा ? काय दोष होता त्या निरपराधा लोकांचा ? कायदा हातात घेऊन त्या लोकांचा जीव घेण्याचा अधिकार कोणी दिला ! अशा मानवतेला काळीमा फासणाऱ्या घटनांमुळे मन सुन्न होऊन जाते आणि समाजात असुरक्षितता आणि भीतीचं वातावरण तयार होतं. व्हॉटसॲपच्या end to end encryption प्रणालीमुळे या सर्वांमागचा मुळ सूत्रधार शोधणं अत्यंत कठीण आहे. सोशल मीडिया आभासी विश्वात जगणारा हा समाज विवेकशुन्य झाला आहे.

ह्या वर्षीच्या पहिल्याच दिवशी एक जानेवारीला नववर्षाची पार्टी करून तरुण वयातील पती व पत्नी आपल्या एका मित्रासोबत रात्री दीड वाजता रस्त्यावर टॅक्सीची वाट बघत थांबले होते. तेव्हा काही गुंडांनी त्या तरुणीला छेडण्याचा प्रयत्न केला. संबंधित तरुणीच्या पतीने ते त्यांना हटकले असता त्याला मारहाण केली व त्या तरुणीचा

विनयभंग केला. त्यावेळी तिथे शंभर ते दिडशे लोकांचा जमाव होता. परंतु सर्वजण मात्र त्या प्रसंगाची छायाचित्र व चित्रफित आपल्या स्मार्टफोनमध्ये घेण्यात मग्न होते व ते सोशल मीडियावर टाकत होते. ना कोणी त्या गुंडांना रोखण्याचा प्रयत्न केला ना कोणी पोलिसांना बोलावले. तळपायाची आग मस्तकात पोहोचवणारी ही घटना आहे. अशा वेळी ती घटना रोखण्याऐवजी छायाचित्र व चित्रफित घेण्याचं काम कोणी कसं करू शकतं ? यापेक्षा मोठी मानवतेला काळीमा फासणारी दुसरी कोणती घटना असूच शकत नाही. यावरून कळत सोशल मीडियाने आपल्यातल्या भावनांना कसं मारुन टाकलं आहे.

एवढंच काय तर समाज आपल्यातला विवेक हरवून बसला आहे. समाजातील संवाद हरवला आहे आणि जिथे संवाद नसतो तिथे अशांतता निर्माण होते तिथे गदारोळ माजतो आणि समाज अस्थिर होतो, हिंसाचार वाढतो आणि विध्वंसक परिस्थितीत निर्माण होते. गेल्या काही महिन्यांपूर्वी अमेरिका व उत्तर कोरिया या दोन अण्वस्त्र सज्ञ राष्ट्रांमध्ये युद्धजन्य परिस्थिती निर्माण झाली होती. या दोन्ही राष्ट्रांच्या राष्ट्रप्रमुखांच्या एकमेकांच्या ट्विटरच्या माध्यमातून अण्वस्त्रहल्ल्याची धमकी दिल्याने संपूर्ण जग हादरलं होतं. अमेरिकेचे राष्ट्राध्यक्ष डोनाल्ड ट्रम्प यांना तर सोशल मीडियाचं व्यसनच लागलय. अगदी ते आपले राष्ट्रीय धोरण, महत्त्वपूर्ण निर्णय मनात येईल तेव्हा ट्विटरवरूनच जाहीर करत असतात. त्यांनी घेतलेले निर्णय त्यांच्या सहकाऱ्यांनासुद्धा ट्विटरवर जाहीर झाल्यावरच कळतात. जर जागतिक महासत्ता असणाऱ्या अमेरिकेच्या राष्ट्राध्यक्षांची ही अवस्था असेल तर मग सामान्यांचा काही प्रश्नच येत नाही !

आजचा समाज सोशल मीडियाच्या इतका व्यसनाधीन झाला आहे की त्यावर येणारे संदेश, छायाचित्र विविध चित्रफित यावर तो अगदी ''काळ दगडावरची रेष आहे.'' या प्रमाणे आंधळेपणाने विश्वास ठेवून त्याला खरं समजतो. सुशिक्षित लोकही याला अपवाद नाहीत. कुठलीही शहानिशा किंवा खात्री न करता ते इतरांना पाठवतात आणि काही वेळातच ते लाखो लोकांपर्यंत पोहोचतात आणि यामुळे आपण किती मोठ्या समस्येला निमंत्रण देतो याची त्यांना कदाचित कल्पनाही नसावी. अनेकजण यामुळे भावनिक हातोत, कोणाच्या भावना दुःखावल्या जातात. आपला संयम गमावून बसतात आणि मग हिंसाचाराला निमंत्रण मिळतं. पण मुळात समाजाची नस ओळखणारे काही समाजकंटक केवळ समाजात अशांतता पसरविण्यासाठी सामाजिक व धार्मिक आधारावर ध्रुवीकरण करण्यासाठी अशाप्रकारचे छायाचित्र व चित्रफित सोशल मीडियावर व्हायरल करत असतात आणि सोशल मीडियाच्या आधीन झालेला समाज त्याला बळी पडतो. फक्त एका बनावट चित्रफितीमुळे उत्तरप्रदेशातल्या मुझफर नगरमध्ये धार्मिक दंगली २०१३ मध्ये झाल्या होत्या.

अमृतसरमध्ये झालेल्या रेल्वेदुर्घटनेमागे एक कारण सोशल मीडियाचं होतं. रेल्वेदुर्घटनेच्यावेळी रेल्वेच्या पटरीवर उभं राहून लोकं युट्यूब व फेसबुक लाईव्हवर रावणदहनाची दृश्य दाखवण्यात मग्न होते आणि त्यामुळे त्यांना रेल्वेचा भोंगासुद्ध ऐकू आला नाही आणि आपला जीव गमावून बसले. सोशल मीडियाच्या आभासी विश्वात जगणाऱ्या या तरुण पिढीचा माणुसकी, दया करुणा ही मुलभूत तत्त्वसुद्धा कुठेतरी हरवली आहेत. आज आपल्या घरात अशी परिस्थिती आहे की संपूर्ण कुटूंब एका ठिकाणी बसलेलं असलं तरी त्यानां एकमेकांबद्दल बोलायला वेळ नसतो. ते सर्वजण मनाने सोशल मीडियाच्या आभासी विश्वात रममाण झालेले असतात. त्यामुळे कुटूंबातील संवाद हरवला आहे आणि त्यामुळे कौटुंबिक हिंसाचाराच्या घटनांत वाढ झाली आहे आणि कुटुंबव्यवस्थेला यामुळे धोका निर्माण झाला आहे. सोशल मीडिया देशाच्या सुरक्षितेसाठी सर्वांत मोठी डोकेदुखी ठरत आहे. इसिससारख्या दहशतवादी संघटना सोशल मीडियाच्या माध्यमातून तरुणांना आपल्या जाळ्यात अडकवत आहे. सोशल मीडियाच्या माध्यमातून तरुण पिढीला आर्थिक व मानसिकरित्या फसवण्याचे प्रकार देखील घडत आहेत.

अशाप्रकारे समाज हा सोशल मीडियाच्या आधीन होऊन जाणं ही सगळ्यात मोठी शोकांतिका आहे. त्यामुळे सोशल मीडियाचा वापर हा मर्यादित व गरजेनुसारच व्हायला हवा. आपलं व्यसन होणार नाही याची काळजी घ्यायला हवी. सोशल मीडियाच्या आभासी जगातून बाहेर पडून वास्तवात जगायला शिकायला हवं. सोशल मीडिया हे केवळ एक साधन असून ते आपल्या नियंत्रणात असायला हवं आपण सोशल मीडियाच्या नियंत्रणात नाही. त्यामुळे सोशल मीडियाचा वापर योग्य तेथे पण मर्यादित स्वरूपातच व्हायला हवा. कारण, 'अति तिथे माती' या प्रचलित म्हणीनुसार कुठल्याही गोष्टीचा अतिरेक झाल्यास नुकसानच होते हे लक्षात घ्यायला हवे.

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का होऊ नारायण ?

नराचा व्हावा नारायण हा का धरावा ध्यास
माणसाचा माणूस झाला तरी होईल बास !
हरलो-जिंकलो तरी आनंदाने जगूया प्रत्येक तास,
अजूनही दरवळतो आसमंतात स्नेहाचा-प्रेमाचा सुवास.
उगाच म्हणतात माणुसकीचा होत चालला -हास,
नका होऊ अंधश्रद्धेचे दास.
भूकबळींच्या अंगावर नाही मूठभर मांस,
तुमच्याकडे जे आहे तेही आहे फारच खास.
नराचा व्हावा नारायण हा का धरावा ध्यास,
माणसाचा माणूस झाला तरी होईल बास...

– राजेश चंद्रकांत रिठे (एम.ए. भाग १)

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शिवरायांचे बालपण

शितल विठ्ठल चव्हाण (११ वी)

इतिहासाच्या पानो-पानी अमर असे शिवप्रभूंची गाथा।
अभिमानाने मर्द मराठी, झुकतो त्यांच्या चरणी माथा।।

महाराष्ट्राच्या प्रत्येक ओठांवर, नसानसांमध्ये घुमणारा, दऱ्याखोऱ्यांतून उसळून वर येणारा व प्रत्येक मराठी माणसांच्या मनावर राज्य करणारा राजा म्हणजे श्री. छत्रपती शिवाजी महाराज. महाराष्ट्रातील या लाल मातीमध्ये शिवरायांची गर्जना, प्रेम, माया, अपार कष्ट व स्वराज्याविषयी ममता दडलेली आहे.



सूर्य अस्ताला गेला
सायंकाळ झाली
सूर्य अस्ताची अनेक
किरणे शिवनेरीत आली.
१९ फेब्रुवारी हा दिवस अमर झाला.
याच तर दिवसाला
शिवबाळ जन्माला आला.

शिवनेरी धन्य झाली. शिवबाळ जन्मला. येताच सर्वत्र एक विशिष्ट तेजोमय प्रकाश पसरला होता. ज्योतिषाचार्य शिवबांची पत्रिका बनवत असताना निःशब्द झाले. त्यांना काय बोलावे हेच सुचेना. कारण त्या पत्रिकेत महाराष्ट्राचं भाग्य दडलं होतं. ओसाड पडलेल्या स्वप्नाला हिरवळीनं दाटणारे हात जन्माला आले होते. पत्रिका बघताच ज्योतिषी म्हणाले की, बाळ मोठे भाग्यवान आहे. हा मुलगा सत्तावान व निष्ठावान होईल. या बाळाचा पराक्रम अमर राहील. व या महाराष्ट्राचा इतिहास कोणी पडताळून पाहिला तर सर्वप्रथम याच बाळाचे नाव त्यांच्या मुखाशी येईल.

शिवाजी हे अत्यंत हुशार, चलाख, बुद्धिमान, आत्मविश्वासू, भयमुक्त व चारित्र्यसंपन्न होते. त्यांच्या या सर्व कलागुणांना वाव देणारी त्यांची गुरु म्हणजेच त्यांच्या आई, राष्ट्रमाता जिजाऊ शहाजी भोसले. जिजाऊ या जाधव घराण्यातील होत. त्या अतिशय प्रेमळ, हुशार, धाडसी व सर्वांना योग्य मार्ग दाखविणाऱ्या होत्या. जिजाऊ या शिवबाळला नेहमी धाडसी, शूर व्यक्तित्त्वाच्या गोष्टी ऐकवत असत. शिवबाळ यांना झोप येत नसेल तर त्या अंगाई ऐकवत; परंतु, त्या अंगाईमध्येही अतिशय संताप लपलेला असे. जिजाऊ या शिवबाळाला नेहमी एकच गोष्ट ठामपणे सांगत असत की, आपल्याला या राष्ट्रातील गुलामगिरी, लाचारी व भीती दूर करायची आहे.

वीर जिचा मुलगा
धन्य ती आई
नाव तिचे जिजाऊ
ती शिवरायांची आई

शिवराय हे खेळप्रेमी होते. त्यांना अनेक खेळ खेळण्यास गंमत वाटे. शिवराय हे असे तसे खेळ न खेळता एखादा किल्ला सर करणे, कधी शिकार, तर कधी घोड्यावर बसून रानावनात दौडावे असे खेळ खेळत. एके दिवशी शिवराय व त्यांचे सवंगडी खेळ खेळत होते. व त्यामध्ये अतिशय रंगून गेले होते. संध्याकाळ झाली होती. त्यामुळे जिजाऊंनी शिवबाला आवाज देऊन घरात येण्यास सांगितले; परंतु, कोणीही जिजाऊचे ऐकत नव्हते. त्यामुळे शिवराय व त्यांच्या सवगंड्यांना घाबरवण्यासाठी जिजाऊ म्हणतात, बघा बघा मागून बागुलबुवा येत आहे. ते तुम्हांला उचलून नेतील. पळा, पळा नाहीतर तो उचलेल तुम्हांला; परंतु त्यांमध्ये कोणीही घाबरलं नाही. उलट शिवराय मोठ्या आवाजात म्हणतात, 'कुठे आहे तो बागुलबुवा?' त्याला मी ठार मारून टाकेन. हे उद्‌गार शिवरायांच्या बालपणातच ऐकून जिजाऊंना अभिमान वाटला व डोळे भरून आले. जिजाऊ त्यांना घरात घेऊन जातात व पानावर बसवतात.

त्यांचे खेळ होते लई भारी
ते खेळात ना कधी हारी
कधी घोडस्वारी तर
कधी किल्ले सर करी

शिवरायांना शिक्षणाची फारच आवड होती. त्यांच्या पहिल्या गुरु बनल्या जिजाऊ. जिजाऊंनी शिवरायांना नेहमी योग्य शिक्षण दिले. त्यांचे प्राथमिक शिक्षण जिजाऊंनी पूर्ण केले. पुढील शिक्षण हे स्वतः व्यापारामध्ये जाऊन निरीक्षण करून, अनुभव घ्यायचे होते. म्हणून जहागिरीत जाऊन तेथील प्रजेशी कसे वागतात. कुलकर्णी, देशमुख, पाटील यांच्यावर लक्ष कसे ठेवतात, पैशाचा हिशेब, गावाची स्वच्छता, शिक्षणव्यवस्था या सर्व गोष्टींकडे कसे लक्ष देतात, ते प्रत्यक्ष पाहून शिवबा शिकावेत म्हणून कधी जहागिरदाराच्या गावी पाठवीत. कधी पायी तर कधी घोड्यावरून जिजामाता त्यांना पाठवत असत. जिजाऊ या शिवरायांच्या जीवनात अत्यंत महत्त्वाच्या भूमिका बजावत होत्या. शहाजीराजे भोसले हे शिवरायांचे वडील होते. ते मोठे सरदार होते. त्यामुळे ते शिवरायांना कमी वेळ देत असत.

जन्म दिला तिजने।
तिनेच ठेवले शिक्षण, शिवबांचे सुरू।।
धन्य ती माता जिजाऊ।
झाली शिवबांची गुरू।।

शिवराय हे धाडसी, पराक्रमी, नीतिमूल्य जपणारे व योग्य त्या व्यक्तीला न्याय मिळवून देणारे म्हणून ओळखले जात. त्यासोबतच ते चारित्र्यसंपन्नही होते. त्यांनी नेहमी आदरभावना जोपासली. शिवबांच्या पूर्वीच्या काळात स्त्रीला व तिच्या अब्रूला काडीची किंमत नव्हती. एके प्रसंगी रांजेगावच्या बाबाजी भिकाजी गुजर या पाटलाने गरीब शेतकऱ्याच्या मुलीला भरदिवसा सर्वांसमक्ष उचलून नेली. ही बातमी शिवरायांना कळताच वयाच्या चौदाव्या वर्षीच त्या पाटलाचा चौरंग केला. (चौरंग म्हणजे हातपाय कलम करणे.) हा जर कायदा आता लागू असता, तर देव जाणे असे किती चौरंग रोज झाले असते.

या शिवबाच्या योग्य न्यायाची खबर प्रदेशात पसरली. जनतेमध्ये आनंदाची लहर पसरली व सुरक्षितेची भावना निर्माण झाली. जनतेला वाटू लागले की, आपल्या न्यायाचा विचार करणारा भावी राजा आपल्याला भेटला.

स्त्रियांचा सन्मान करी।
स्त्रियांचा राखी मान।।
जिजा माउलीने जन्म दिला।
सर्व माउलींना शिवबाचा अभिमान।।

शिवराय हे जन्माला आलेच होते. एका विशिष्ट कार्यासाठी, स्वराज्य स्थापन करणे हे त्यांचे स्वप्न व जिद्द होती. व त्यांनी ती जिद्द पूर्णही केली. त्यांना उत्तम असे मावळातील सवंगडी प्राप्त झाले. त्यांच्या सहकार्याने शिवबांनी आपले स्वराज्य स्थापनेचे स्वप्न पूर्ण केले.

स्वराज्य स्थापन करेल हा
बाजी लावून जीवाची,
देते वचन मी आज
माउली या शिवाची
राजे छत्रपती शिवाजी
राहील सदैव स्मरणांत
राजे शिवरायांची कीर्ति
हर-हर महादेव गर्जत
इथे लढली मर्दानी छाती
राजांसह लढा दयायचे मावळे
गनिमांना मोठ्या शर्थीने
पावन महाराष्ट्राची धरती
अमरवीर बलिदानाने !

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निसर्गसौंदर्य

कोण म्हणते मेल्याशिवाय
दिसत नाही स्वर्ग,
उघडा डोळे, करा विचार-
काय कमी आहे निसर्ग ?
मातेप्रमाणे माया करतो
मातीचा प्रत्येक कण,
पित्याप्रमाणे रक्षणाचे
छत धरते गगन !
चिवचिवणारे पक्षी उडतात
घेऊन स्वातंत्र्याचे पंख,
खळखळ करत नदी वाहते
संपवित सर्वांची खंत
सुंदर निळे डोंगरही
शिखरे उंचावून पाहतात,
प्रचंड समुद्रातील जीव कसे
चपळाईने पोहतात !
उभे राहतात डौलात वृक्ष
जीवसृष्टी घेऊन हाती,
चंद्र, सूर्य, तारे उगवतात
निसर्गसौंदर्य पाहण्यासाठी

– **उत्कर्षा महेश विधाते** (११वी-I)

आई

सुंदरतेचा सागर असतो
तिच्या चेहऱ्यामध्ये,
ममतेचे हे विशाल गगन
तिच्या बोलण्यामध्ये
मनापासून वंदन तुजला
आशीर्वाद मला लाभला
तुझ्या या प्रार्थनांचे फळ
मिळते आज मजला
तूच माझी सोनपरी
तूच माझी GOD खरी
आनंदात सदा राहो
आई, तू आणि तुझी ही परी



– **सायली कंजाळ** (११वी-G)

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मॉडर्न महाविद्यालयातील माझा अनुभव

आकांक्षा शिंदे, तृतीय वर्ष, कला शाखा विशेषस्तर : मराठी

तृतीय वर्ष कला २०१८ आज महाविद्यालयातील पहिला दिवस. पहिला दिवस असल्याने शिक्षकांनी वर्षभराच्या अभ्यासक्रमाची माहिती दिली. आज नेहमीपेक्षा जरा जास्तच गर्दी महाविद्यालयात जाणवत होती. प्राचार्य कक्षाच्या बाहेर, प्राचार्यांच्या भेटीसाठी प्रतिक्षेत असलेले पालक व विद्यार्थी अर्थात, हे सगळे महाविद्यालयात प्रवेश मिळावा यासाठी आले होते. काही विद्यार्थी अजूनही या महाविद्यालयात प्रवेश मिळेल या आशेवर बसले होते. पालक व विद्यार्थी यांच्या चेहऱ्यावरील तणाव स्पष्ट जाणवत होता. हे सर्व पाहून माझं मनही भूतकाळात घुटमळू लागलं. मीही मागच्या वर्षी या प्रक्रियेतून गेले होते. पहिल्या वर्षी मॉडर्न महाविद्यालयात प्रवेश न मिळाल्याने मी दुसऱ्या महाविद्यालयात प्रवेश घेतला होता, पण मनाने कुठेतरी पक्का ध्यास घेतला होता की, मॉडर्न कॉलेजमध्येच शिकायचे. म्हणून द्वितीय वर्ष सुरू होऊन १५ दिवस उलटून गेल्यानंतरही आधीच्या महाविद्यालयात प्रवेश न घेता मी मॉडर्नमध्ये प्रवेश मिळवण्याच्या प्रयत्नात होते. मला विशेष विषय म्हणून इंग्रजी घ्यायचा होता, पण जागा शिल्लक नव्हत्या. कला शाखेच्या उपप्राचार्य ओक मॅडम यांना प्रवेश मिळण्याबाबत विनंती करत असताना मॉडर्न कॉलेजच्या मराठी विषयाच्या विभागप्रमुख प्रा.डॉ. निशा भंडारे मॅडम भेटल्या. त्यांनी माझा रिझल्ट पाहिला. टक्केवारी पाहिली आणि म्हणाल्या, ''मराठी विषयातही उत्तम गुण आहेत. विशेष विषय म्हणून मराठी का घेत नाही?'' या प्रश्नाचे माझ्याकडे काहीच उत्तर नव्हते. त्यानंतर त्यांनी मराठी या विषयामध्ये पुढे काय काय करिअरच्या संधी आहेत याविषयी माहिती दिली. मला आधी वाटायचं मराठी घेऊन काय करणार. हा माझ्या मनातील न्यूनगंड मॅडममुळे दूर झाला. मराठी हा विषय घेऊन मी मॉडर्न महाविद्यालयात प्रवेश घेतला. प्रवेशप्रक्रिया सोपस्करीत्या पूर्ण झाली ती महाविद्यालय कार्यालयातील कला शाखेचे अमित वाळवी यांच्यामुळे, यासाठी त्यांचे विशेष आभार.



द्वितीय वर्ष कला खूप छान सुरू झालं आणि कधी वर्ष संपलं हे समजलंदेखील नाही. या एकाच वर्षात मला खूप काही मिळालं. प्रा.डॉ. निशा भंडारे, प्रा. जाधव मॅडम, प्रा.डॉ. अपिने सर, प्रा. कुलकर्णी सर असे अनुभवी व उत्साही शिक्षक मिळाले. या सर्वांनीच खूप मार्गदर्शन केलं व अजूनही करतात. कधीही कोणत्याही अडचणी असल्या, तरी या सर्व शिक्षकांच्या मार्गदर्शनाने त्या दूर होतात. मला पुढे प्राध्यापिका व्हायचं आहे यासाठीही मराठी विभागातील सर्व शिक्षक मोलाचं मार्गदर्शन करतात. काय वाचन करावं, कसा अभ्यास करावा अगदी इथपासून नेट/सेट, पीएच.डी.च्या संदर्भातही माहिती देतात.

मी खूप शांत स्वभावाची मुलगी आहे. कधी मी कुठेच नेतृत्व केलं नाही, पण या महाविद्यालयात प्रथमच मी एन.एस.एस.मध्ये गटप्रमुख म्हणून काम केलं.

भविष्यात पुढे काय करणार? याचा कोणताही विचार केला नव्हता, पण येथे आल्यानंतर मराठी विभागातील शिक्षकांच्या मार्गदर्शनाखाली मी घडू लागले. विचारांना एक दिशा मिळाली. मी व्यक्त होऊ लागले. नेतृत्व करायला शिकले आणि खरंतर प्रा.डॉ. निशा भंडारे यांच्या प्रेमळ स्वभावाने मी स्वत:ला ओळखू लागले. मीही काहीतरी करू शकते असा आत्मविश्वास निर्माण केला.

मी स्वत:ला खूप नशिबवान समजते की, मला मॉडर्न महाविद्यालयात शिकण्याची संधी मिळाली.

मॉडर्नमधील सर्व शिक्षक व प्राचार्य राजेंद्र झुंजारराव सर नुसते विद्यार्थी घडवत नाहीत, तर देशाचा एक जबाबदार नागरिक म्हणून त्यांना घडवत असतात.

एका चतुरस्र व्यक्तिची मुलाखत...

२७ फेब्रुवारी २०१९ मराठी भाषा गौरवदिनाचे औचित्य साधून मॉडर्न कॉलेज, पुणे ५, येथे एम.ए. च्या वर्गात **श्री. राजेश रिठे** यांनी हजरजबाबी व संवेदनशील व्यक्ती अशी स्वतंत्र ओळख निर्माण करणाऱ्या ज्येष्ठ पत्रकार **श्रीमती स्वाती महाळंक** यांची मुलाखत घेतली –

प्रश्न : पत्रकारितेशी तुमचे नाते कसे जुळले ते सांगा.

उत्तर : माझ्या घरातच वाचनाचं आणि लिखाणाचं बीज होतं, माझी आजी, आई–वडील या ना त्या विषयावर बोलत, सांगत आणि त्याच प्रेरणा माझ्या झाल्या.

प्रश्न : आकाशवाणी व दूरदर्शनचा आपला अनुभव व उपयुक्तता सांगावी.

उत्तर : आजची सर्वांत सुंदर आणि सरकारची शाश्वत माध्यमे आहेत. ज्याच्यामुळे लोकसंपर्क आणि त्यांच्याशी संवाद साधता आला. ही साधने जनहितार्थ आहेत आणि त्याचा मी एक भाग ठरले याचा मला सार्थ अभिमान वाटतो.

प्रश्न : आपण विविध संस्थांशी जोडल्या गेल्या आहात, त्या उपक्रमांची माहिती जाणून घ्यायला आवडेल.

उत्तर : मी सरकारी माध्यमांच्या सोबत कार्यरत असल्यामुळे अनेक नामवंत संस्थांबरोबर काम करता आले. त्यातल्या त्यात वृक्षसंवर्धन – पर्यावरणासाठी काम करणाऱ्या संस्था. परदेशी शिष्टमंडळ जसे जपानी भाषेसाठी काम करणारे आणि पुण्यातले म्हणाल तर रामभाऊ म्हाळगी प्रतिष्ठान. अशांबरोबर मी संलग्न आहे.

प्रश्न : सन २०१६–१७ मध्ये आपली एक दोन नव्हे तर तब्बल ५ पुस्तके प्रकाशित झाली. त्याबद्दल काय सांगाल.

उत्तर : हा एक मोठा योगायोग ठरला. तसे प्रत्येक कार्यावर दीड–दोन वर्षांपासून काम करत होते, पण प्रकाशन मात्र एकाच वर्षात झाले. मला त्याची नावे सांगायला आवडेल

(१) कहानी बचतगटाची

(२) निःस्वार्थी जन नेता – डॉ. अण्णा हजारे यांचे आत्मचरित्र (लहान मुलांसाठी)

(३) आम जनता आपनेता – अरविंद केजरीवाल आणि देशातील प्रादेशिक पक्षांची वाटचाल.

(४) रेडिओ जॉकी व्हायचंय – या विषयावरील मराठीतील पहिले पुस्तक

(५) ध्येयासक्त – ज्येष्ठ राजकीय नेते दिलीप वळसे पाटील यांच्या राजकीय कारकीर्दीचे चित्रण.

प्रश्न : अभिनंदन मॅडम, पण याचबरोबर माजी राष्ट्रपती प्रतिभाताई पाटील यांच्यावरही आपण पुस्तक लिहिले याबाबतचा काय अनुभव होता.

उत्तर : देशाच्या पहिल्या महिला राष्ट्रपती प्रतिभाताई पाटील याच देशातील आणि मराठीतील पहिले चरित्र 'प्रतिभा पर्व' या नावाने प्रकाशित झाले. हे मी माझे सौभाग्य समजते. माणूस जितका उत्तुंग शिखरावर जातो तितका तो आपल्या मूळाला जोडलेला असतो, याचा अनुभव आला. जीवनपर्व जाणताना मीच अनुभव समृद्ध झाले.

प्रश्न : आपण आजपर्यंत किती मुलाखती घेतल्या त्यातली अविस्मरणीय कोणाची वाटते.

उत्तर : तशा खूप घेतल्या असं वाटतं. आकडा पाचशेच्या जवळपास जाईल. अविस्मरणीय म्हणाल तर मला सुशीलकुमार शिंदे आणि अरविंद केजरीवाल यांची वाटते. एकाचा शून्यातून प्रवास शिखराकडचा, तर एकाचा सरकारी उच्चपदस्थाकडून – लोकांत जाऊन लोकनायक – आम जनतेचा प्रतिनिधी होण्याचा

प्रश्न : पत्रकारिता या क्षेत्रात उपलब्ध संधीबद्दल काय सांगाल.

उत्तर : मूळात भाषेवर प्रभुत्व हवे. मग खूप मोठे अवकाश आहे. तसं म्हणाल तर – उद्घोषक म्हणून रेडिओ क्षेत्रात, मराठी भाषांतर करणे, मुद्रित शोधन, निवेदन, प्रकाशन संस्थेत, दुभाषी म्हणून, समाज उपयोगी संस्थांतून लोकांना बोलीभाषेत संवाद साधण्यासाठी. सरकारी कार्यालयात देखील मराठी भाषा येणाऱ्यांना देखील खूप संधी उपलब्ध आहेत.

प्रश्न : मॅडम आपण पीएच.डी. करताय आणि तेही आमच्या कॉलेजच्या संशोधन विभागातून यासाठी आपणास शुभेच्छा देतो.
आजच्या संवादातून आम्हा विद्यार्थ्यांना खरंच खूप मार्गदर्शन मिळालं. ध्येयासक्त झाल्याशिवाय ध्येय गाठता येत नाही. त्यामुळे कष्ट करा, शिका आणि ध्येय गाठा. हा संदेश मिळाला. याबाबत खूप खूप धन्यवाद!

आनंदवन, हेमलकसा, सोमनाथ ... एक अविस्मरणीय अनुभव

चेताली विश्वनाथ गायकवाड (एम.ए. मराठी भाग – १)

आनंदवन, हेमलकसा, सोमनाथ यांच्याविषयी पुस्तकातून वाचलं होतं. पण हे सगळं पाहाण्याचा योग आम्हाला दिला तो आमच्या महाविद्यालयाने...! या ठिकाणांची कुठलीही जास्त माहिती नसताना आम्ही २ फेब्रुवारी २०१८, रोजी सर्वजण पुणे स्टेशन येथून अजनी एक्सप्रेसने अजनी येथे पोहोचलो. तेथून आम्हाला आनंदवनची गाडी घ्यायला आली. आम्ही ७ वाजता तेथे पोहोचलो. आनंदवन म्हणजे दिव्यांग व्यक्तींनी बनवलेली सुंदर बाग. आनंदवनात पाऊल ठेवताच मनाला सुखाचा स्पर्श झाला. आजूबाजूचं सुंदर निसर्गसौंदर्य पाखरांचा किलबिलाट आणि वाऱ्यावर डोलणारी फुलं हे पाहाताना एखादा गीतकार गाणं गातोय आणि ती फुले त्या गाण्यावर आपला ठेका धरून नृत्य करीत आहेत, असंच वाटत होतं.

आनंदवनात पोहोचल्यावर आम्ही चहा–नाश्ता घेतला. थोडासा आराम केला. आम्हाला आनंदवनाची सी.डी. दाखवली व त्यानंतर दुपारी जेवण करून आम्ही आनंदवन पाहायला निघालो. सर्वप्रथम आम्ही हातमाग सतरंजी, बॅग, सॅक बनविण्यासाठी असलेले विभाग पाहिले. त्यानंतर ग्रीटिंग कार्ड विभाग पाहाण्यासारखी गेलो. तो तर अतिशय सुंदर होता. मोराची विविध चित्रे पाहाण्यासाठी होती. टाकाऊतून



टिकाऊ अशा वस्तू पण तेथे होत्या. आम्ही तेथे थोडी खरेदी केली व आनंदवनचा 'स्वरानंदवन' ऑर्केस्ट्रा पाहायला गेलो. एका अंध मुलीने सुंदर गाणी म्हटली. ते गाण्याचे बोल अजूनही कानाशी रेंगाळतात. त्यानंतर रात्रीचे जेवण करून आम्ही विश्रांती घेतली. दुसऱ्या दिवशी सकाळी उठून आम्ही 'बाबा आमटे आणि साधनाताई आमटे' यांचे समाधिस्थळ पाहिले व डॉ. भारतीताई विकास आमटे यांच्याशी मनसोक्त गप्पा मारल्या. त्यानंतर मेगा किचन पाहिले. विज्ञान तंत्रज्ञान वापरून केलेले आनंदवनातले मेगा किचन मोठ्या बायोगॅस यंत्रणेवर हे मेगा किचन चालते.

आनंदवनातून आमचा पुढचा प्रवास सुरू झाला तो 'हेमलकसाचा' आजूबाजूला गर्द जंगल आणि मध्ये रस्ता. एखाद्या जंगल सफारीला चाललोय असा तो अनुभव होता. जाता–जाता आम्हाला लांडग्याचे दर्शन झाले. आम्ही सर्वांनी रात्री हेमलकसाची सी.डी. पाहिली. नंतर विश्रांती घेतली. सकाळी लवकर उठून न्याहारी व चहा घेतला आणि हेमलकसा पाहायला निघणार इतक्यात अचानक डॉ. प्रकाश आमटे व डॉ. मंदाताई आमटे यांची भेट झाली. त्यांनी आमच्याशी ओळख करून घेतली आणि आमच्या प्रश्नांना त्यांनी मनमोकळेपणाने उत्तरे दिली. त्यानंतर डॉ. प्रकाश आमटेंसमवेत तेथील प्राण्यांची भेट घेतली. वाघ, हरीण, कांचनमृग, साळिंदर, पोपट, मांजर, माकड खारुताई, गाय, नीलगाय, मोर, अस्वल, कासव यांचे दर्शन घेतले. प्रकाश आमटे यांचे प्राणिप्रेम पाहून मन भारावून जातं. त्यांची नातसुद्धा वाघाच्या अंगावर बसते. हे बघणंसुद्धा किती भीतिदायक होतं. आदिवासींनी तयार केलेल्या शोभेच्या वस्तू पाहिल्या व घेतल्या. त्या वस्तू त्यांनी बांबूपासून तयार केल्या होत्या. आम्हाला डॉ. प्रकाश आमटे व मंदाकिनी आमटे यांना किती गौरवानं सन्मानित करण्यात आले ते दाखवलं. त्यांना भारतरत्न हा पुरस्कार प्रदान करण्यात आला होता. हा सोहळा मी दूरदर्शनवर पाहिला होता. त्यांनी आदिवासींसाठी खुला केलेला दवाखाना पाहिला. तसेच तेथील शाळांमध्ये संगणकसुद्धा शिक्षक शिकवतात. तेथे मैदानी खेळ मुलं खेळत होती. असं हे भारतरत्नाचं हेमलकसा तसेच तेथील नदीकिनारी प्रकाश आमटे व मंदाताई आमटे रोज एकमेकांशी हितगुज करत त्याच ठिकाणी आम्ही गेलो. तेथे आम्ही पाहिले प्रत्येक भिंतीवर वारली चित्र रेखाटलं होतं. असंच सुंदर चित्र मनात रेखाटून आमची गाडी वळाली ती सोमनाथला...! रात्री उशिरा पोहोचल्यामुळे आजूबाजूचं दृश्य पाहाताच आलं नाही. रात्री जेवण करून आम्ही विश्रांती घेतली. पहाटे उठून आवरून बसलो. उगवता सूर्य डोंगराआडून आम्हाला दर्शन देत होता. ते पाहून सगळ्यांनाच

आनंद झाला. आम्ही सोमनाथचा परिसर पाहायला गेलो तिथे विविध प्रकारची झाडे आणि वनस्पती होत्या. तसेच सेंद्रिय खतापासून निर्माण केलेली शेती आणि त्या शेतातून दुसऱ्या शेतात जाण्यासाठी छोटीशी पायवाट...! पाण्यासाठी बांधलेला बंधारा आहे आणि तसेच त्यात सिमेंट आणि प्लॅस्टिक यांचे एकत्रीतकरणसुद्धा आहे. हे पाहून आम्ही थक्कच झालो.



पावसाच्या पाण्याचा एक थेंबही वाया जाऊ नये अशी योजना डॉ. विकास आमटे यांनी तेथे अमलात आणलेली आहे. बाराशे एकरांचा तो परिसर आहे. हंगामी पीक लागवडीसाठी चाळीस एकर एवढा भाग व्यापला जातो. त्या प्रत्येक एकरात टोमॅटो, कोबी, फ्लॉवर, वांगी यांची पिके घेतली जातात आणि आसपासच्या परिसरातील लोक व्यवसायासाठी किंवा रोजगारासाठी येत असत. पाण्याचे नियोजन कसे करावे ते येथे येऊन कळते. जर अशी संकल्पना प्रत्येकाने आपल्या गावात किंवा शहरात आखली, तर दुष्काळासारखा भीषण प्रश्न आपल्याला सतावणार नाही. नंतर आम्ही आमच्या परतीच्या प्रवासाला निघालो. या प्रवासात आम्हाला फारच नवनवीन अनुभव आले. या प्रवासात एकूणच आम्हाला फारच मज्जा आली. आमच्यासोबत तैवानच्या तीन विद्यार्थिनी होत्या. त्यांच्याशी गप्पा मारताना मज्जा यायची. ट्रेनमधून दिसणारे निसर्गाचे सुंदर दृश्य पाहायला मिळाले. आम्हाला हा सुंदर अनुभव अनुभवायला मिळाला, तो आमच्या महाविद्यालयातील प्राचार्य डॉ. झुंजारराव सर आणि प्रा. नरेंद्र नायडू सरांमुळे. आमच्यासोबत आनंदवन मित्रमंडळ, चिंचवडचे धम्मसागर उजागरे आणि स्वप्नील जगताप हे दोघे मॉडर्नचे माजी विद्यार्थी सहलप्रमुख म्हणून होते. असा हा आमचा जगण्याचा नवा अर्थ शिकवणारा आनंददायी अविस्मरणीय प्रवास...!

प्रसिद्धी

सागर मोहन नाईकवाडे (एम.एस.सी. रसायनशास्त्र (वर्ष २ रे)

'प्रसिद्धी' हा शब्द जरी आपल्या आसपास आला तरी तो ऐकायला, बोलायला आणि पहायला आपणा सर्वांना खूप छान वाटत. ही अशी गोष्ट जी सर्वांना हवीहवीशी वाटते आणि कोणालाही त्यापासून दूर रहावस वाटतं नाही .पण ही काही प्रत्येकाच्या वाट्याला येत नाही. प्रसिद्धी च्या प्रत्येकाने विविध व्याख्या बनवल्या आहेत .साधारणतः प्रत्येकाच्या मनात पहिल्यांदा येतं की प्रसिद्धी ही फक्त चित्रपट, अभिनय त्यातील अभिनेते किंवा अभिनेत्री यांच्या भोवती फिरत असते. तेही काही अंशी बरोबर आहे. कारण ते लोक आपलं मनोरंजन करत असतात .पण प्रसिद्धी हा शब्द फक्त येवढ्या पर्यंतच सीमित आहे का? तर नाही. माझ्या मते समाजामध्ये बरेचसे लोक प्रामाणिक पणे उत्कृष्ट काम करत असतात. फक्त स्वतःकडे न पाहता ते विविध समस्या सोडवण्याचा प्रयत्न करीत असतात. त्या लोकांना प्रसिद्धी ची गरज नसते ती आपोआप अनपेक्षितपणे त्यांच्या जवळ येत असते .

प्रसिद्धी हि अशी गोष्ट आहे की ती मिळणं खूप सोपं आहे पण टिकवणं फार अवघड. कारण तुम्ही ज्या वेळेस लोकप्रिय असता तेव्हा लोक तुम्हाला मोठ्या प्रमाणात प्रतिसाद देत असतात आणि या गोष्टीं कडे तुम्हाला थोडसं दुर्लक्ष करावं लागतं कारण त्या शिवाय तुम्हाला जमिनीवर राहता येत नाही. पॉप्युलेरिटी ही अशी चीज आहे की ती कशी तुम्हाला जपायला लागते आणि त्या पासून तुम्हाला खुप अलिप्त रहाव लागत कारण अगोदरचे सगळे संदर्भ पाहता खूप लोकांना प्रसिद्धी ही मिळाली. काहींनी ती पचवली काहींना ती पचवता नाही आली.

पण पॉप्युलेरिटी म्हणजे फक्त काही त्या व्यक्तीच्या दिसण्यावरून असू शकत नाही तो एक विश्वासाचा ही भाग असू शकतो. पण आपण त्याच्याकडे फक्त एक व्यक्तिमत्व म्हणून पहात असतो. पण मला असं वाटतं की फक्त तसं न पाहता त्या व्यक्तीच्या व्यक्तिमत्वातून आलेला विचार ही तितकाच महत्वाचा आहे. काही लोक त्यांच्या विचारावर ही प्रेम करत असतील किंवा एखादा व्यक्ती ज्या प्रकारे ती गोष्ट मांडतो किंवा चुकीच्या गोष्टींवर ज्या प्रकारे आक्रमक होतो त्याही गोष्टीच लोकांना आकर्षण असू शकत. म्हणून प्रत्येक वेळेस बाह्यव्यक्तिमत्त्वावरून प्रत्येक गोष्टीला महत्व दिल जाऊ शकत नाही .त्याला ही एक स्वतः चा विचार असायला हवा .

आपल्या देशामध्ये प्रसिद्धी कशाला आणि किती द्यावी याच ही काही वेळेस भान रहात नाही. आपण उगाचच त्या गोष्टी व्हायरल करत सोडतो. भारतात विराट कोहली, महेंद्रसिंह धोनी, रोहित, पंड्या असे अनेक क्रिकेटपटू नेहमीच प्रसिद्धीझोतात असतात, असावेत याबाबत दुमत नाही. वर्ल्डकप फुटबॉल, विम्बल्डन चॅम्पियनशिप असली की रोनाल्डो, मेस्सी, रॉजर फेडरर यासारख्या विदेशी खेळाडूंची चर्चा होते. मात्र आपल्या देशात असे काही खेळाडू आहेत की , ज्यांनी मोठी

सिद्धी कमावलेली असली तरी त्यांना फारशी प्रसिद्धी मिळत नाही .हे खेळाडू राष्ट्रीय –आंतरराष्ट्रीय स्तरावर खेळतात .त्यात त्यांनी अनेक पदके कमावली. परंतु त्यांच्या वाट्याला कायम कौतुकापेक्षा उपेक्षा आणि सहानुभुतीच जास्त आली, कारण ते खेळाडू विकलांग आहेत म्हणुन. या खेळाडूंना सर्वप्रथम त्यांना वेगळ ठरवत असलेल्या मानसिकतेच्या विरोधात सामना करावा लागतो आणि नंतर आपल्या प्रतिस्पर्धी व्यक्तीशी.

त्यातलीच अनेक नाव आणि त्यांची गोष्ट थोडक्यात पाहूया,

१) आदिल अन्सारी याचा किशोरवयीन वयात असतांना अपघात झाला. त्याला घाम येत नसे आणि त्यामुळे शरीराच तापमान संतुलित ठेवण्यासाठी सतत तोंडावर पाणी माराव लागत असे, यासाठी त्याला दुसऱ्याची मदत घ्यावी लागे. कारण त्याचे दोन्ही हात खांद्यापासून वर जात नसत आणि तरी या आदिलने तिरंदाजी मधे देशाला सुवर्णपदक आणून दिल आहे.

२) मानसी जोशी ही बॅडमिंटन प्लेयर आहे. ही दुचाकी वरून जात असतांना अपघात झाला. ट्रकने उडवले आणि तिला डावा पाय गमवावा लागला आणि तिने कृत्रिम पाय बसवला. अशा खडतर परिस्थीतीतून उभी राहिली आणि देशाला सुवर्णपदक आणून दिलं.

३) कार्तिकी पटेल हिची तर कहानी खूप चित्तथरारक आहे. पॅराप्लॅजिक वुमन बास्केटबॉल ची कप्तान आहे आणि स्कूबा डायव्हर सुध्दा आहे . .हीचाही गुजरातला जात असतांना कार अपघात झाला त्यामधे कमरे खालचा संपूर्ण भाग लुळा झाला. पण तरीही न खचून जाता परत जिद्दीने उभी राहिली आणि देशाच नाव उंचावते आहे.

४) विभास सेन हा तलवार बाजी मधे देशासाठी खेळतो. हा तीन महिन्यांचा असतांना पोलिओ मुळे त्याच्या पायांवर परिणाम झाला आणि पाय निकामी झाले. यानेही फक्त दोन हात असतांना ही कामगिरी करुन दाखवली. याच एक फार सुंदर वाक्य आहे.

'तलवारच नाही तर मेंदूही चालवा'.

एवढेच नाहीत तर असे अनेक खेळाडू आहेत की ज्यांनी देशासाठी आपल सर्वस्व दिल आहे. आणि आपल्याला ते माहीतही नाहीत. हे यासाठी सांगावसं वाटतं की कितीतरी लोकांना हे लोक माहिती नाहीत. एकीकडे कुठे एखादा अभिनेता आला की त्याला प्रसारमाध्यमे डोक्यावर घेतात आणि तरुणाई तर पार वेडी होते. तो ही असा भाव खाऊन जातो की जणू काही देशाच्या सीमेवर लढून आला आहे आणि आपला सैनिक तिकडे आपला जीव धोक्यात घालून आपल रक्षण करत असतो त्याला कोणीही विचारत नाही. ही मानसिकता बदलायला पाहिजे स्वतः पासून सुरवात करुयात.

प्रसिद्धी, आकर्षण या फार लोभस गोष्टी आहेत यामागे तरुणाई धावत असते. आपल्याला समजलं पाहिजे की कशाला आणि किती महत्व दिलं पाहिजे , प्रसिद्धी दिली पाहिजे .

ती कमावावी लागत नाही आपण काही हितकारक असामान्य केलं की ती आपणहून आपल्या पायाशी खेळत असते त्यासाठी तिचा पाठलाग करण्याची गरज नाही.

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न लिहिलेलं पत्र - आई

आता जेंव्हा जेंव्हा तुला पत्र लिहायला बसतो आई,
तेंव्हा तेंव्हा भावनांना मात्र शब्दच सुचत नाही...

मोठा झालोय ना आई आता...
मोठा झालोय आई आता रडायचं थांबवलय,
अश्रुंनाही ठणकावून डोळ्यातलं पाणी डोळ्यातंच साठवलय...

तुझं शिक्षण नेहमीच जगाच्या चार भिंती पलिकडलं होतं...
अ ते ज्ञ च्या बाराखडीत मात्र त्याचं न कळणार अस्तित्व होतं...

भावना बोथट होऊन शब्दांना फक्त ओंघळायचं असतं,
तुझ्या प्रत्येक प्रश्नाचं उत्तर आता हो आणि नाही मध्येच संपवायचं असतं...

मन रित करून मोकळं व्हायचं गं आई मला,
अनेक अव्यक्त वक्तव्यांना कडकडून भेटायचंय तुला...

तू भरवलेल्या प्रत्येक घासाची किंमत आता कुठे कळू लागलीये....
श्वासांची जखम भळभळून वाहू लागलीये...

अजूनही तुझ्या नसण्यापलीकडे अस्तित्वाची शाळा भरते पण
शाळा सुटल्यानंतरची भूक मात्र परत तुलाच शोधत राहते...

अंगाईच्या स्पर्शामध्ये पुन्हा शांत निजतो मी,
जवळ नसण्याची जाणीव होताच मात्र खडबडून जागा होतो मी...

आता जेव्हा जेव्हा तुला पत्र लिहायला बसतो आई,
तेव्हा तेव्हा भावनांना मात्र शब्दच सुचत नाही...

– **नारायण जाह्नवी जोशी** (प्रथम वर्ष वाणिज्य)

ज्ञानपीठ पुरस्कार विजेता

अनिसा अ. शेख तृतीय वर्ष, कला (हिंदी विशेष)

''कृष्णा सोबती : एक झलक''

ज्ञानपीठ पुरस्कार भारतीय ज्ञानपीठ न्यासद्वारा भारतीय साहित्य के लिए दिया जानेवाला सर्वोच्च पुरस्कार है । भारत का कोई भी नागरिक जो आठवी अनूसूची में बताई गई २२ भाषाओं में से किसी भाषा में लिखता हो वह इस पुरस्कार के योग्य है । पुरस्कार में ग्यारह लाख रुपयों की धनराशि, प्रशस्तिपत्र और वाग्देवी की कांस्य प्रतिमा दी जाती है।



गौरतलब है कि पहला ज्ञानपीठ पुरस्कार १९६५ में 'मलयालम' के लेखक जी शंकर कुरुप को प्रदान किया गया था। सुमित्रानंदन पंत ज्ञानपीठ पुरस्कार से सन्मानित होने वाले हिंदी के पहले रचनाकार थे। कृष्णा सोबती ज्ञानपीठ पुरस्कार से सन्मानित होने वाली ११ वीं रचनाकार हैं। इससे पहले हिंदी के १० लेखकों को ज्ञानपीठ पुरस्कार मिल चुका है। उनमें सुमित्रानंदन पंत, रामधारीसिंह दिनकर, सच्चिदानंद हीरानंद वात्सायन, अज्ञेय, महादेवी वर्मा, कुंवर नारायण शामिल है।

कृष्णा सोबती को २०१७ में भारतीय साहित्य के सर्वोच्च सम्मान 'ज्ञानपीठ पुरस्कार' से सम्मानित किया गया है। ये मुख्यत: कहानी लेखिका है। इनकी कहानियाँ 'बादालों के घेरे' नामक संग्रह में संकलित है।

कृष्णा सोबती का जन्म गुजरात में १८ फरवरी १९२५ को हुआ था। भारत के विभाजन के बाद गुजरात का वह हिस्सा पाकिस्तान में चला गया है। विभाजन के बाद ये दिल्ली में आकर बस गयी और तब से यही रहकर साहित्य–सेवा कर रही है। इनकी राष्ट्रीयता भारतीय है। सिर पर दुपट्टा, आँखों पर धूप का बड़ा फ्रेम वाला चष्मा और बेबाक राय सोबती की पहचान रही है। यूँ तो कृष्णा सोबती की पहचान रही है। कृष्णा सोबती की कई पुस्तकें और कहानियाँ चर्चित हैं। लेकिन उनके पाठक और प्रशंसक आज भी उन्हें ''मित्रों मरजानी हे कारण याद करतें हैं अपने लघु उपन्यास में उन्होंने 'मित्रों'के किरदार को बहुत सशक्त बना कर एक अलग मिसाल पेश की थी।

❋ कृष्णा सोबती की रचनाएँ

कहानी संग्रह

१) बादलों के घेरे – १९८०
२) ड़ार से बिछड़ी – १९५८
३) मित्रो मरजानी – १९६७
४) यारों के यार – १९६८
५) तीन पहाड़ – १९६८
६) ऐ लड़की – १९९१



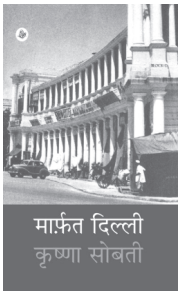
७) जैनी मेहरबान सिंह – २००७ (चल – चित्रीय पटकथा : 'मित्रों मरजानी' की रचना के बाद ही रचित परंतु चार दशक बाद २००७ में प्रकाशित.

उपन्यास –

१) सूरजमुखी अँधेरे के – १९७२
२) जिन्दगीनामा – १९७९
३) दिलोदानिश – १९९३
४) समय सरगम – २०००
५) गुजरात पाकिस्तान से गुजरात हिंदुस्तान २०१७ (निजी जीवन को स्पर्श करती औपन्यासिक रचना)

विचार–संवाद–संस्मरण –

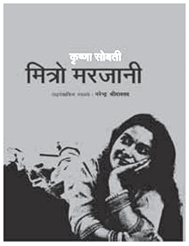
१) हम दशमत (तीन भागों में)
२) सोबती एक सोहबत
३) शब्दों के आलोक में
४) सोबती वैद संवाद
५) मुक्तिबोध : एक व्यक्तित्व सही की तलाश में – २०१७
६) लेखक का जनतंत्र – २०१८
७) मार्फत दिल्ली – २०१८



यात्रा आख्यान –
बुद्धि का कमण्डल – लड्डाख

साहित्य अकादमी की महत्तर सदस्यता समेत कई राष्ट्रीय पुरस्कारों और अलंकरणों से शोभित कृष्णा सोबती ने पाठक को निज के प्रति सचेत और समाज के प्रति जागृत किया है।

❋ उल्लेखनीय समान –
१९९९ : कछा चूड़ामणी पुरस्कार
१९८१ : शिरोमणी पुरस्कार
१९८२ : हिंदी अकादमी ॲवार्ड
२०००–२००१ : शलाका पुरस्कार
१९८० : साहित्य अकादमी पुरस्कार
१९९६ : साहित्य अकादमी फेअरशिप
२०१७ : ज्ञानपीठ पुरस्कार (भारतीय साहित्य को सर्वोच्च सम्मान)



१९५० में कहानी ''लामा'' से साहित्यिक सफर शुरू करनेवाली सोबती महिलाओं की आजादी और न्याय की पक्षधर हैं। उन्होंने समय और समाज को केंद्र में रखकर अपनी रचनाओं में एक युग को जिया है। उनकी सबसे चर्चित रचनाओं में शुमार है। 'मित्रों मरजानी।'

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इस उपन्यास में उन्होंने एक शादीशुदा महिला की कामुकता को दर्शाया है कि, लोगों को आकर्षित करना है। इससे पहले 'मित्रो' जैसा किरदार साहित्य में नजर नहीं आया था। सोबती की कृतियाँ अपने विशिष्ट आकार-प्रकार के कारण समाज में चेतना निर्माण करने में सहयोग करती है।

कृष्णा सोबती से उनकी पहली कहानी के प्रकाशित होने का किस्सा पूछा, तब उन्होंने बताया था।

'उस कहानी को लेकर मेरी फिक्र यह थी कि मैंने उसमें कुछ पंजाबी भाषा के गांव के शब्द लिखे थे। मैं खुद पंजाबी पढ़ना नहीं जानती लेकिन मुझे वहाँ के 'एक्सप्रेशन' का अंदाजा था। क्यूंकि वो कहानी विभाजन की थी। इसलिए मैंने उन शब्दों का इस्तेमाल किया था। आम तौर पर उन शब्दों का इस्तेमाल मुस्लिम लोग विदाई के वक्त किया करते थे। वात्सायन जी के पेपर की बड़ी साथ थी। मेरी वो कहानी उनके पेपर में छप गई। उस वक्त उनका प्रतीक प्रकाशन हुआ करता था। हम लोग रहते भी पास-पास ही थे। एक दिन प्रतीक प्रकाशन के एक सज्जन मुझे मेरे घर के पास ही मिल गए। मैं उन्हें जानती नहीं थी। उन्होंने मुझसे पूछा कि आप कृष्णा सोबती हैं? मैंने कहा ''जी हाँ।'' वो कहने लगे कि आप जानती ही होंगी कि वात्स्यायन जी भी पास में ही रहते हैं तो कल आप चाय पर आइए। अगले दिन मेरी कोई व्यस्तता भी तों मैनें कह दिया कि मैं कल तो नहीं आ पाऊँगी खैर अगले दिन मैं चाय पर उन लोगों से मिलने गई। वहाँ वात्सायन जी थे, प्रतीक प्रकाशन के प्राण नागपाल जी थे, बलवंत सहगल थे और भी कुछ लोग थे। उस वक्त तक साहित्य पर चर्चा करने जैसे मेरी तालीम नहीं थी, लेकिन चाय-पानी का कार्यक्रम ठीक से हुआ इसके बाद उन्होंने मुझे एक लिफाफा पकड़ाया।

उस लिफाफे के भीतर एक मैगजीन थी। मैंने सोचा घर जाकर खाना खाने के बाद जब हम लोगों के पढ़ने का वक्त होता था तभी उस किताब को खोलकर देखूँगी। रात में खाना खाने के बाद मैंने मॅगझिन खोली, मेरी फिक्र इसी बात को लेकर थी कि वात्सायन जी ने उन शब्दों को रखा है या हटा दिया है। मैंने पूरी कहानी पढ़ डाली। कहानी में सभी के सभी शब्द ज्यों के त्यों थे। मुझे भरोसा नहीं हुआ। मैंने कहानी को दुबारा पढ़ा और मैंने पाया कि वात्सायन जी ने कहानी में कोई बदलाव नहीं किया था। उसके बाद ही मैंने अपने आप से कहा कि अब मुझे एक लेखक के तौर पर खुद को थोडी गंभीरता से लेना होगा। ऐसा इसलिए क्योंकि कुछ फुटकर रचनाओं को छोड़ दिया जाए तो वो मेरी पहली कहानी थी जो बड़ी पत्रिका में प्रकाशित हुई थी। उससे पहले हिंदुस्तान टाइम्स की अखिल भारतीय कहानी प्रतियोगिता में मेरी कहानी 'दादी अम्मा' को ॲवॉर्ड मिला था। इसके बाद 'सिक्का बदल गया' कहानी के छपने को बेकायदा हमने 'सेलिब्रेट' किया था।

९४ साल की उम्र में कृष्णा सोबती का चले जाना एक युग के खत्म होने जैसा है। बहुत कम लोग जानते हैं कि कृष्णा सोबती ने कुछ कविताएं भी लिखी हैं। कुछ ऐसी कविताएं जिनसे उनके सत्ता और सरकारों के प्रति नाराजगी भी झलकती है। इनमें उनके भीतर छिपी बेचैनी भी दिखती है। उनके उपन्यास, उनकी कहानियां और संस्मरण खूब चर्चा में रहे हैं।

वे कहती थीं – ''हर चीज को पॉलिटिकली देखना और इन्सानी चीज को अलग करके उसके लिए दबाव डालना वो मुनासिब नहीं है... हर भाषा की अपनी एक संस्कृति है... हिंदुस्थान ही ऐसा है, जहां इतना कल्चर है... बंगाल अलग है, तमिल अलग है, तेलगू अलग है... और हिंदुस्तानी होने के नाते हमारे अंदर ये जिज्ञासा होनी चाहिए कि आखिर वह भाषा और संस्कृति कैसी है।''

कृष्णा सोबती जी का निधन २५ जनवरी २०१९ दिल्ली में हुआ। बेशक कृष्णा सोबती का गुजर जाना साहित्य के लिए एक पूरे दौर और इतिहास के गुजर जाने जैसा है। ऐसी शख्सियत को सादर नमन।

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वक्त

पानी को बर्फ में बदलने के लिए
वक्त लगता है।
ढले हुए सूरज को
निकलने में वक्त लगता है।
थोडा धीरज रख और
थोडा और जोर लगाता
रहे। किस्मत के जंगल में
दरवाजों को खुलने में
वक्त लगता हैं।
कुछ देर रुकने के बाद
फिर से चल पड़ना दोस्त।
हर दीवार के बाद
सँभलने में वक्त लगता है।
बिखरेगी फिर से
वहीं चमक, तेरे
वजूद से तू महसूस
करना।
टुटे हुए मन को सँवरने,
में थोडा वक्त लगता है।
जो तूने कहा कर दिखायेगा
रक यकीन गरजे जब
बादल को बरसने में
वक्त लगता है।
वक्त बहुत किमती हमें
वक्त का सही इस्तेमाल
करना चाहिए।

– श्वेता सोनवणे,
हिंदी विशेष, द्वितीय वर्ष, कला

शिक्षा का महत्त्व

मयूरी रोहिदास कुचेकर (प्रथम वर्ष वाणिज्य)

हमारे जीवन में शिक्षा का बहुत महत्त्व है। शिक्षा के बिना इन्सान पशु के बराबर है। जिस तरह कुम्हार अपने घडे को आकार देता है, उसी प्रकार शिक्षा भी इन्सान को संस्कार, सकारात्मक विचार देती है और संपूर्ण संसार में हमारें विचारों को विकसित करने की क्षमता प्रदान करती है।



।। तमसो मा ज्योतिर्गमय।।

– यह प्रार्थना भारतीय संस्कृति का मूल स्तंभ है। इस प्रार्थना का अर्थ है अंध:कार से मुझे प्रकाश की ओर ले जाओ। प्रकाश में व्यक्ति को सबकुछ दिखाई देता है, अंध:कार में नहीं। प्रकाश से यहाँ तात्पर्य ज्ञान से है। ज्ञान से व्यक्ति का अंध:कार नष्ट होता है। उसका वर्तमान और भविष्य जीने योग्य बनता है। ज्ञान से हमारी कार्य क्षमता बढ़ती है जो हमें अपने जीवन को प्रगति पथ पर ले जाने में सहायक होती है।



वर्तमान समय में शिक्षित होना बहुत आवश्यक है। पुराने जमाने में ज्यादातर लोग गाँव में रहते थे, जहाँ उनका मुख्य व्यवसाय खेती करना था। खेती करने में बहुत ज्यादा शिक्षा की आवश्यकता नहीं होती है। अब लोग खेती छोड़कर अन्य व्यवसाय की ओर जा रहे हैं। खेती और मजदूरी की छोड़कर ज्यादातर व्यवसायों और नौकरियों के लिए शिक्षित होना अनिवार्य है, क्योंकि ज्यादातर इस तरह के कामों में दस्तावेजों का उपयोग होता है, दस्तावेज बनाने और समझने के लिए शिक्षित होना आवश्यक है।

शिक्षा हमें आत्मनिर्भर बनाती है। शिक्षा के कारण कई तरह के आविष्कार हुए हैं। इन आविष्कारों से मनुष्य का जीवन और भी आसान हो गया है। शिक्षा के कारण ही चिकित्सा क्षेत्र में काफी विकास हो पाया है जिसके कारण कई लोगों की जान बच पाई है। अच्छी शिक्षा की वजह हे अच्छे–अच्छे इंजीनियर, डॉक्टर, वकील, बिजनेसमैन आदि बनते हैं जो समाज को काफी कुछ देते है। जिनसे अनगिनत लोगों को कई फायदे मिलते हैं।

''गुरू गोविन्द होऊ खडे, काके लागूं पाय''
बलिहारी गुरू अपने गोविन्द दियो बताय''

अर्थात् यदि गुरू और गोविन्द (भगवान) एक साथ खड़े हो तो किसे प्रणाम करना चाहिए – गुरू को अथवा गोविन्द को? ऐसी स्थिति में गुरू को पहले प्रणाम करना चाहिए क्योंकि उन्होंने ही गोविन्द भगवान का ज्ञान हमें सिखाया है। यदि गुरू न हो। तो व्यक्ति भगवान को पहचान नहीं पाएगा।

बेहतर शिक्षा सभी के लिए जीवन में आगे बढ़ने और सफलता प्राप्त करने के लिए बहुत आवश्यक है। यह आत्मविश्वास विकसित करती है और हर एक के व्यक्तित्व के निर्माण में मदद करती है। स्कूल शिक्षा सभी के जीवन में महान भूमिका निभाती है। पूरे शिक्षा तंत्र को तीन भागों में बाँटा गया है जैसे; प्राथमिक शिक्षा, माध्यमिक शिक्षा और उच्च माध्यमिक शिक्षा। शिक्षा सभी के भाग अपना हर एक विशेष महत्त्व और लाभ रखते हैं। प्राथमिक शिक्षा विद्यार्थियों को आधार प्रदान करती है, जो जीवनभर मदद करती है, माध्यमिक शिक्षा आगे की पढ़ाई का रास्ता है। और उच्च माध्यमिक शिक्षा पूरे जीवन में भविष्य में आगे बढने का रास्ता है। हमारी अच्छी और बुरी शिक्षा यह निर्धारित करती है कि हम भविष्य में किस प्रकार के व्यक्ति बनेंगे।

शिक्षा सभी के जीवन में, व्यक्तित्व का निर्माण, ज्ञान और कौशल में सुधार करके, एक सभ्य मनुष्य बनाने में महान भूमिका निभाती है। यह एक व्यक्ति को भले और बुरे के बारे में सोचने की क्षमता प्रदान करती है। शिक्षा व्यक्ति के जीवन में लक्ष्य को निश्चित करने के द्वारा उसके वर्तमान और भविष्य को पोषित करती है। शिक्षा के महत्व और इसकी गुणवत्ता में दिन प्रति दिन सुधार और वृद्धि हो रही है।

शिक्षा आज के समय में सबका मौलिक अधिकार बन गया है। लड़का हो या लड़की, या किसी भी जाति, धर्म, क्षेत्र का इन्सान हो, उसे शिक्षा प्राप्त करने का अधिकार सबको समान है।

शिक्षा अपने चारों ओर की चीजों को सीखने की एक प्रक्रिया है। यह हमें किसी भी स्थिती को आसानी से समझने, किसी भी तरह की समस्या से निपटने और पूरे जीवनभर विभिन्न आयामों में संतुलन बनाए रखने में मदद करती है। शिक्षा सभी मनुष्यों का सबसे पहला और सबसे आवश्यक अधिकार है। बिना शिक्षा के हम अधूरे है, और हमारा जीवन बेकार है। शिक्षा हमें अपने जीवन में एक लक्ष्य निर्धारित करने और आगे बढ़ने के लिए प्रेरित करती है।

यह हमारे ज्ञान, कुशलता, आत्मविश्वास और व्यक्तित्व में सुधार करती है। यह हमारे जीवन में दूसरों से बात करने की बौद्धिक क्षमता को बढ़ाती है। शिक्षा हमें समाज के बदलते परिवेश में रहना सिखाती है। यह सामाजिक विकास, आर्थिक वृद्धि और तकनीकी उन्नति का रास्ता है।

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महात्मा ज्योतिबा फुले – समाज परिवर्तन के अग्रणी

पवन नागरे (हिंदी विशेष, द्वितीय वर्ष, कला)

महाराष्ट्र की भूमि वीरों एवं संतों की भूमि रही है। साथ ही यहां पर ऐसे महामानव भी हुए है, जिन्होंने अनेक यातनाएं सहकर भी सामाजिक सुधार सम्बधी कार्य किये हैं। ऐसे महान व्यक्तियों में से एक थे – महात्मा ज्योतिबा फुले।



सामान्य परिचय :

महात्मा ज्योतिबा फुले का जन्म ११ अप्रैल १८२७ में पूना के एक माली परिवार में हुआ था। उनकी माता का नाम चिमणाबाई तथा पिता का नाम गोविन्दराव था। उनका परिवार कई पिढ़ियों पहले माली का काम करता था। वे सातारा से पुणे फूल लाकर फूलों के गजरे आदि बनाने का काम करते थे इसलिए उनकी पिढ़ी 'फुले' के नाम से जानी जाती थी। समाज के इस पिछड़े एवं दलित समझे जानेवाले परिवार में जन्मे ज्योतिबा मानव एवं मानव के बीच होने वाले अनार को देखकर अत्यंत दुखी होते थे। वे एक ऐसे परिवार से थे जहाँ पढ़ना–लिखना कोसों दूर की बात थी।

ज्योतिबा के पिता अपने बच्चों को पढ़ाना चाहते थे। घोर सामाजिक विरोधों के बीच भी उन्होंने अपने इस बालक ज्योतिबा को पढ़ाना चाहा। ज्योतिबा बहुत बुद्धिमान थे। २१ वर्ष की अवस्था में उनका विवाह अनपढ़ सावित्राबाई से कर दिया गया। सावित्री अनपढ़ जरुर थी पर वह शिक्षा के महत्त्व को भली–भाँति समझती थी। अपने पति के हर सामाजिक कार्य में उनकी सक्रियता इसी बात को तो प्रदर्शित करती है।

सामाजिक कार्य :

ज्योतिबा यह जानते थे कि देश व समाज की वास्तविक उन्नति तब तक नहीं हो सकती, जब तक देश का बच्चा बच्चा जाति–पांति के बन्धनों से मुक्त नहीं हो पाता, साथ ही देश की नारियाँ समाज के प्रत्यक्ष क्षेत्र में समान अधिकार नहीं पा लेती।

उन्होंने तत्कालीन समय में भारतीय नवयुवकों को आवाहन किया कि वे देश, समाज तथा संस्कृति को सामाजिक बुराइयाँ तथा अशिक्षा से मुक्त करें और एक स्वस्थ, सुन्दर, सुदृढ समाज का निर्माण करें। मनुष्य के लिए समाजसेवा से बढ़कर कोई धर्म नहीं है। इससे अच्छी ईश्वर सेवा कोई नहीं।

महाराष्ट्र में सामाजिक सुधार के पिता समझे जाने वाले महात्मा फुले ने आजीवन समाज सेवा हेतु कार्य किया। वे पढ़ने–लिखने को कुलीन लोगों की बपौती नहीं मानते थे। मानव–मानव के बीच का भेद उन्हें असहनीय लगता था। एक बार ज्योतिबा अपने ब्राह्मण मित्र के विवाह में गये हुए थे। बारातियों को जब यह पता चला की वे माली जाति के हैं, तब उन्होंने ज्योतिबा को न केवल अपमानित किया वरना बाहेर जाने को कहा। पढने–लिखने के बावजूद भी तुम नीच जाति के हो इसलिए तुम नीच ही रहेंगे।'' ऐसा कहकर बुरी तरह उन्हें अपमानित किया।

इस अपमान ने उन्हें भीतर तक हिलाकर रख दिया था। उन्हें लगा ऐसे धर्म में रहकर क्या फायदा, जो जाति–पाँति के नाम पर मनुष्य मनुष्य के बीच भेदभाव करता है। ऐसी संकीर्ण विचारधारा ने भारतीय धर्म को पतन की ओर धकेला है। उन्होंने सामाजिक बुराई से लड़ते हुए मनुष्यता के उत्थान का संकल्प ले लिया।

महाराष्ट्र में धार्मिक सुधार आंदोलन जोरों पर था। जाति प्रथा का विरोध करने और एकेश्वरवाद को अमल में लाने के लिए 'प्रार्थना समाज' की स्थापना की गई थी जिसके प्रमुख गोविंद रानडे और आर.जी. भांडारकर थे। उस समय महाराष्ट्र में जाति प्रथा बड़े ही बीभत्स रूप में फैली हुई थी। स्त्रियों की शिक्षा को लेकर लोग उदासीन थे, ऐसे में ज्योतिबा फुले ने समाज को इन कुरीतियों से मुक्त करने के लिए बड़े पैमाने पर आंदोलन चलाए। उन्होंने महाराष्ट्र में सर्वप्रथम महिला शिक्षा तथा अछूतोद्धार का काम आरंभ किया था। उन्होंने पुणे में लड़कियों के लिए भारत का पहला विद्यालय खोला।

इन प्रमुख सुधार आंदोलनों के अतिरिक्त हर क्षेत्र में छोटे–छोटे आंदोलन जारी थे जिसने सामाजिक और बौद्धिक स्तर पर लोगों को परतंत्रता से मुक्त किया था। लोगों में नए विचार, नए चिंतन की शुरुआत हुई, जो आजादी की लड़ाई में उनके संबल बने।

इस महान समाजसेवी ने अछूतोद्धार के लिए सत्यशोधक समाज स्थापित किया। उनकी पत्नी सावित्री बाई ने पग–पग पर उनका साथ दिया। उन दोनों ने एक मिशनरी की स्थापना की, जिसका उद्देश सामाजिक समानता की भावना थी। उन दोनों ने पास पड़ोस की कन्याओं को एकत्र कर जो कन्या शाला की शुरुआत की उसे ब्राह्मण वर्ग ने जमकर विरोध किया। उन्हें जान से मारने की धमकियां दी जाने लगी। पर महात्मा फुले ने न घबराते हुए नारी शिक्षा की आवश्यकता और उपयोगिता से सम्बधित अनेक भाषण दिए, लेख लिखे।

उन दोनों के इस अनोखे उत्साह के कारण कन्या शाला जोर-शोर से चलने लगी। नारी शिक्षा के इस व्यापक प्रसार को, महाराष्ट्र में मिले इस स्वागत को अंग्रेजों ने भी बढ़ाया। एक गर्भवती विधवा की दुर्दशा देखकर महात्मा फुले ने विधवा विवाह की वकालत कर डाली। संकीर्ण समाज ने उन्हें धर्म और शास्त्रों की दुहाई दी। इन सब बातों से मिले अन्तर्विरोधों एवं अपमान ने उन्हें यह अनुभव कराया कि धार्मिक अन्धविश्वासों से समाज को मुक्त करना ही बहुत महत्त्वपूर्ण है। अत: उन्होंने ऐसे समानतावादी, सर्वसाधारण तक पहुंचानेवाले 'सत्यशोधक' समाज की आधारशिला रखी, जिसका आधार विज्ञान था। उन्होंने ईश्वर की उपासना के लिए पुजारी की मध्यस्थता को अस्वीकार किया। उनका यह कार्य और भाव देखकर १८८८ में उन्हें 'महात्मा' की उपाधि दी गई थी।

नि:सन्देह ज्योतिबा फुले ने उस समय धार्मिक रुढिवादिता से दूर एक ऐसे समाज की संकल्पना की थी, जो ज्ञान का प्रकाश दे सके। ज्योतिराव गोविंदराव फुले की मृत्यु २८ नवंबर १८९० को पुणे में हुई। महात्मा फुले अपने जमाने के एक अत्यंत प्रभावी समाज सुधारक और समान परिवर्तक रहे है। समाज की प्रगति के लिए उन्होंने जीवनभर कार्य किया। अपनी पत्नी सावित्री बाई का सहयोग पाकर उन्होंने महिला शिक्षा क्षेत्र में अवर्णनीय कार्य किया।

इस तरह भेदभाव रहित समानतावादी 'सत्यशोधक समाज' की स्थापना करने वाले तथा नारी शिक्षा को प्रोत्साहित करने वाले 'महात्मा ज्योतिबा फुले का नाम सर्वदा अविस्मरणीय रहेगा।' महात्मा ज्योतिबा फुले को हम सबका कोटि कोटि प्रणाम!

❀❀❀

आँखें

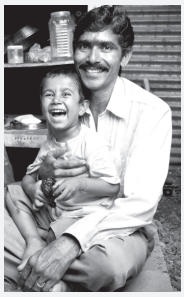
कितनी खूबसूरत, कितनी मासूम होती हैं आँखें
जो चेहरा छुपाना चाहे वो भी कह जाती है आँखें
खामोशी में लब्ज बनती हैं आँखें
कभी-कभी बिन आँसू बहाए रोती हैं आँखें
जिंदगी के हसीन लम्हों को कैद करके,
सुनहरे सपने सजाती आँखें !
धुंधली सी तस्वीरों में भी
एक कहानी तरारती हैं आँखें !
कभी झील, कभी तारे, कभी आग
कभी समंदर बन जाती है आँखें !
स्पर्श किए बिना भी किसी को छूकर आती हैं आँखें,
ढलते सूरज जैसे रंग बिखेरती हैं आँखे,
कभी चमकती हैं, कभी नम हो जाती हैं आँखें !
दिल की बात जुबान पर ना आ सके,
तो दिल की आवाज बन जाती हैं आँखें



– शबनम खातून, हिंदी विशेष, तृतीय वर्ष, कला

'समझ सकूँ अगर मैं पिता को'

समझ नहीं आता
पिता क्या है?
पिता मानो घिसी हुई एक चप्पल है
जो अपने बेटे को नया जूता चाहिए इसलिए
मेहनत में निकले हुए
दिनों की रसीद है।
पिता फटी हुई वह बनियन है
जो अपने बेटी को नया ड्रेस चाहिए इसलिए
अंदर ही अंदर ढका
हुआ अपना नसीब है।
पिता रात देर तक किया हुआ वह
Over time है, जो अपने
पत्नी को घर में घर चलाने के
लिए पैसा चाहिए इसलिए
भागनेवाले समय के साथ करार है।



पिता समय के साथ भागने वाली
वह मशीन है जो अपने माता-पिता का
दवा-पानी करने के लिए भगवान के
साथ किया हुआ समझौता है।
पिता कर्ज में डूबा हुआ गाँव है
जो भविष्य का अंधेरा भगाने के लिए
किया हुआ उजाले से सामना है।
नाराजगी इस बात की है कि उस
पिता के साथ सम्मान से बात करना
भूल है, आज कि जो माँ खाना देनेवाली
ध्यान में है पर कल के खाने के लिए
चिंता करनेवाला पिता भूल गए हैं
और, पिता तो हमें कभी समझ में नहीं आया।
पिता किसीके लिए सिर्फ नाम है
पर वो है इसलिए किसी की
उस घर पर बुरी नजर से
देखने की ताकद नहीं है।

– अनुवाद : सागर एकनाथ कदम
– हिंदी विशेष, द्वितीय वर्ष, कला

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भारतीय समाज में स्त्रियों का स्थान

करिश्मा नरेश आगरवाल, द्वितीय वर्ष, वाणिज्य

सदियों से स्त्रियों को देवी के समान पूजा गया है। कभी लक्ष्मी के रूप में तो कभी दुर्गा के रूप में। स्त्रियों को तो गंगा के समान माना गया है। प्राचीन काल में तो स्त्री ने कभी सीता, कभी राधा तो कभी द्रौपदी के रूप में समाज में अपना महत्वपूर्ण स्थान बनाया।



जहाँ स्त्री को पवित्र बताया है। वहाँ कहीं–न–कहीं स्त्री को डायन भी कहा गया है।

कभी बनी सीता तू
तो कभी बनी राधा तू
कभी तूने समाज की रक्षा की,
बनकर झाँसी की रानी
तो कभी तूने धोएँ पाप लोगों के,
बनकर गंगा का पानी।

आज भी कहा जाता है जब पुरुष आया था इस धरती पर, तो वह अकेला था। धरती पर वह सारी वस्तु थी जो उसे सारे सुख और सुविधाएँ दे सकती थी। परंतु उसे किसी साथी की जरुरत थी। तब उसने भगवान से वरदान के रूप में नारी एवं स्त्री को प्राप्त किया। जिसने ना सिर्फ उसके सुख में उसका साथ दिया बल्कि उसके दुःख को भी दूर किया।

परंतु यह भी सच है कि, स्त्री को कई कठिनाईओं से गुजरता पड़ा। जैसे सीता को अग्निपरीक्षा देनी पड़ी, वही महाभारत में द्रौपदी का भरी सभा में अपमान किया गया। आज भी लोग कहतें हैं कि महाभारत और रामायण घटित हुई तो केवल एक स्त्री के कारण।

स्त्रियों को भले ही एक देवी के रूप में पूजा गया हो, परंतु उसे कभी वर्तमान में वह स्थान नहीं मिला था। उसे तो केवल चार दीवारी में कैद रखा जाता था। उन्हें कभी कोई निर्णय लेने की अनुमती नहीं दी जाती थीं। उन्हें हमेशा पुरुषों से कम समझा जाता था। पर यह भी सच है कि, उन्होंने कभी अपनी मर्यादा का उल्लंघन नहीं किया। हमेशा दूसरों की आज्ञा का पालन करना ही अपना धर्म समझा।

प्राचीन काल में तो जब शादी के बाद किसी का पति चल बसता था तो उस स्त्री पर मुश्किलों का पहाड टूट पड़ता था। उस पर अनेक रूढ़ियाँ और प्रथाएँ थोंप दी जाती थीं। उसे अपने सारे अरमानों एवं इच्छाओं को भूलकर एक दुःखी और रंगहीन जीवन जीना पड़ता था। अपने बाल काट देना, सफेद साड़ी पहनना, चप्पल का त्याग करना आदि अमानवीय प्रथाओं का स्वीकार करना पडता था। बालविवाह जैसी अनेक प्रथाएँ अपनानी पड़ती थी। उस वक्त तो महिलाओं को शिक्षा ग्रहण करने का भी अधिकार नहीं था।

राजाराम मोहन रॉय, महर्षी कर्वे, साने गुरुजी जैसे अनेक समाज सुधारकों ने आगे बढ़कर इनका विरोध किया। राजाराम मोहन रॉय ने अपने संगठन ब्रह्म समाज के माध्यम से हिंदू समाज में व्याप्त सती–प्रथा, बहुपत्नी प्रथा, वेश्यागमन, जातिप्रथा आदि बुराइयों के विरोध में संघर्ष किया। महादेव गोविंद रानडे ने बाल विवाह, विधवा विवाह का निषेध, स्त्रियों की अपेक्षा का निषेध किया। केशव चंद्र सेन के सहयोग से रानडे ने १८६७ में विधवा आश्रम संघ की स्थापना भी की। इन महान विद्वानों ने एक स्त्री को शिक्षा एवं आजादी के रास्ते पर चलने की अनुमति और खुशी दी।

आज भी महिलाओं को सुरक्षित और स्वास्थ्यपूर्ण रखने के लिए अनेक कानून बनाए गए हैं। भारतीय दंड संहिता कानून महिलाओं को एक सुरक्षात्मक आवरण प्रदान करता है ताकि समाज में घटित होनेवाले विभिन्न अपराधों से वे सुरक्षित रह सकें। भारतीय दंड संहिता में महिलाओं के प्रति होनेवाले अपराधों अर्थात् हत्या, आत्महत्या हेतु प्रेरणा, दहेज मृत्यु, बलात्कार, अपहरण आदि को रोकने का प्रावधान है।

आज इन्हीं सब कानूनों के कारण स्त्रियाँ भी पुरुषों से कदम से कदम मिलाकर चल रही हैं। चाहे वो हिंदू हो, मुस्लिम हो या फिर मराठा। आज औरतें किन बातों चीज में पीछे हैं? किसी भी जगह देख लिजिए आज हर जगह स्त्रियों के नाम का ही डंका बज रहा है। जैसे इंद्रा नुई, कल्पना चावला, सरोज खान, अलका याज्ञिक, सानिया मिर्जा, मदर टेरेसा आदि महिलाओं ने अनेक क्षेत्र में अपने कामयाबी का झंडा लहराया है। कृष्णा सोबती जिन्हें साहित्य के क्षेत्र में ज्ञानपीठ पुरस्कार २०१७ से सम्मानित किया गया। पुरस्कार स्वरूप कृष्णा सोबती को ११ लाख रुपये, प्रशस्ति पत्र और वाग्देवी की कांस्य प्रतिमा प्रदान की गई।

आज ऐसी कई सारी चीजें हैं जिन्हें स्त्रियों ने अस्वीकार कर दिया हैं। आज जब किसी औरत का पति मर जाता है तो वह पूरे आत्मविश्वास से अपने परिवार की जिम्मेदारी लेती हैं। उन्हें संभालती हैं। इतना ही नहीं तो वह कभी यह भी एहसास नहीं होने देती कि अब घर में कोई कमानेवाला नहीं है या कोई उनसे प्यार करनेवाला नहीं हैं। एक महिला आज भी अगर कोई मुश्किल आती है तो पहाड़ के समान उसके सामने खड़े होकर उसका सामना करती है।

आज कला, साहित्य, शिल्प आदि के माध्यम से स्त्री–शक्ति को उजागर किया गया है। कितनी महिलाओं को तो पद्मभूषण, पद्मश्री, ज्ञानपीठ, लाइफ अचिवमेंट आदि पुरस्कारों से सम्मानित किया गया है। उनका योगदान और त्याग भारतीय संस्कृति का एक अमूल्य हिस्सा है।

मैं सीमा से हिमालय तक हूँ
और खेल मैदानों तक हूँ
मैं माता, बहन और पुत्री हूँ
मैं लेखक और कवयित्री हूँ
अपने भुजबल से जीती हूँ
बिजनेस लेड़ी, व्यापारी हूँ
मैं आधुनिक नारी हूँ

'जनक'

जनक यही प्रणेता
अनुराग उसका अमित
दिये मुझे अभय
छोड़कर गये आलय
कैसा है ये पिता?
फिर भी एकही कहना आपको
साँतों जनम मेरे ही पिता बनो
चक्षु सबका तनुजापर
तिमीर के अंदर जननी
वल्लभ विना कलत्री
क्या करेगी बेचारी
पिता यही गेहपति
फिर भी एकही कहना आपको
सातों जनम मेरे ही पिता बनो
स्थान बना सदनराज
उसने भी दिया अभय
मगर नहीं दे सखा
व्योम भरके अनुराग
फिर भी एकही कहना आपको
साँतों जनम मेरे ही पिता बनो
उसके अभाव की टीस
राऊळ की शूळ
सुने ना मेरी सुर
खुदा के पास दिमाख
फिर भी एकही कहना आपको
साँतों जन्म मेरे ही पिता बनो
आप इस घर में
खुशियाँ में हम तैरतें
आपके जाने से
दीवार भी चुअता (टपकता)
फिर भी एकही कहना आपको
साँतों जनम मेरे ही पिता बनो
पापा मैं हो गई, किसी की औरत
उसके भी दीं शोहरत
लेकिन पूरी ना कर सका हर चाहत
पापा और कुछ नहीं आपही हो चाहत
पापा आप हो मेरी करोडों की दौलत
फिर भी एकही कहना आपको
साँतों जनम मेरे ही पिता बनो
समंदर भरके आँसू
पूछेंगा सिर्फ स्नेही
जिंदगी ना दे सकेगा
इसलिए तो कहते है
बाप बाप होता है
बाप बाप होता है।
फिर भी एकही कहना आपको
सांतों जनम मेरे ही पिता बनो

– कवी, श्रीकांत मल्लिकार्जुन घोंगडे
(द्वितीय वर्ष, वाणिज्य)

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वर्तमान समय में सदाचरण का महत्त्व

श्रुती महादेव नाडे (प्रथम वर्ष, वाणिज्य)

मानव जीवन में सद्व्यवचार और सदाचरण का बहुत बड़ा महत्त्व है। व्यवहार की मृदुता और आचरण की शुचिता से न सिर्फ व्यक्ति का आध्यात्मिक विकास होता है बल्कि मानसिक शांति भी मिलती है।

सताम् आचार: सदाचार: कथ्यते।

सज्जना: यानि कर्माणि कुर्वन्ति तानी

सदाचार दो शब्दों के मेल से बना है सत + आचार अर्थात हमेशा अच्छा आचरण करना। सदाचार मानव को अन्य मानवों से श्रेष्ठ साबित करता है। सदाचार का गुण मानवों में महानता का गुण सृजित करता है। सदाचार ही वह गुण है जिसे हर व्यक्ति लोगों में देखने की इच्छा रखता है।



मानव को समस्त जीवों में श्रेष्ठतम माना जाता है, क्योंकि मानव ने अपने विवेक और सदाचार से अपनी महानता सर्वत्र साबित की है। सदाचार का गुण व्यक्ति में सामाजिक वातावरण तथा पारिवारिक माहौल से उत्पन्न होता है। जो व्यक्ति इन गुणों को आत्मसात कर पाता है, वह समाज के लिए मार्गदर्शक और प्रेरणादायी होता है। हम इतिहास के पन्नों में झांक कर देखें तो पाते हैं कि, जितने भी महापुरुष, कवि, लेखक तथा महान व्यक्ति उत्पन्न हुए सभी ने सदाचार के गुणों को आत्मसात किया और उसे जीवन में अपनाया।

आज भी स्वामी विवेकानंद, महर्षि दयानंद सरस्वती, महात्मा गांधी, लाल बहादूर शास्त्री, अब्राहम लिंकन, कार्ल मार्क्स, मदर टेरेसा आदि को उनके सदाचारी प्रवृत्ति के कारण ही याद किया जाता है। कोई अपनी ईमानदारी, आपकी सच्चाई, आपकी बुद्धिमत्ता अथवा आपकी अच्छाई के बारे में नहीं जान पाता, जब आप अपने कार्य द्वारा उदाहरण प्रस्तुत न करें। प्रत्येक परिवार तथा उसके सदस्य एक समाज के अंग हैं। उस समाज से संबंधित कुछ नियम तथा मर्यादाएँ है।

इन मर्यादाओं का पालन करना प्रत्येक व्यक्ति के लिए किसी न किसी सीमा तक अनिवार्य होता है। सत्य बोलना, चोरी न करना, दूसरों का भला सोचना और करना, सबसे प्रेमपूर्वक व्यवहार करना तथा स्त्रियों का सम्मान करना और उनकी ओर बुरी नज़र न डालना आदि कुछ गुण हैं जो सदाचरण के अंतर्गत आते है।

ऋषयश्च
वदन्ति यानि अनिन्घानि कर्माणि
तानि सेवितव्यानि नेतराणि।
गुरुजनानां सेवा, सरलता
सत्यभाषणम्, इन्द्रियनिग्रह: अद्रोह:
अपैशून्यम् आदि गुणानां गणना
सदाचारे भवति।

सत्य आचार को सदाचार कहा जाता है। सज्जन लोग जिस प्रकार के कार्य करते हैं उसी तरह हम लोगों को भी करना चाहिए। ऋषियों के द्वारा कहा जाता है कि निंदनीय कार्य नहीं करना चाहिए। गुरुओं की सेवा, सत्य बोलना, इन्द्रियों को वश में रखना, द्रोही नहीं होना आदि गुणों की गणना सदाचार में किया जाता है। वह अपना सभी कार्य समय पर करता है। प्राचीन भारत में इस समय मर्यादापुरुषोत्तम राम का उदाहरण है। हम लोगों को भी उनके जीवन का अनुकरण करना चाहिए।,

अच्छे लोगों को सदाचार लाभार्थ होता है। उनके मन में जो बात है और वे वही बोलते हैं और ऐसे लोग जो बोलते हैं, वही करते हैं। सज्जन पुरुषों के मन, वचन और कर्म में एकरूपता होती है।

तुम्हें अपने कर्म (कर्तव्य) करने का
अधिकार हैं, किंतु कर्म के फलों के
तुम अधिकारी नहीं हो। तुम न तो
कभी अपने आपको अपने कर्मों के
फलों का कारण मानो, न ही कर्म न
करने में कभी आसक्त होओ।

सदाचार की चमक के आगे संसार के हर प्रकार की धन दौलत की चमक फिकी है। सदाचार एक ऐसा अनमोल हिरा है जिसकी किमत नहीं आँकी जा सकती है। ईसा मसीह, मुहम्मद साहब, गुरु नानक, स्वामी दयानंद सरस्वती, रवींद्रनाथ टैगोर, ईश्वरचंद्र विद्यासागर, मार्टिन लूथर तथा महात्मा गांधी के पास कोई धन दौलत तो नहीं थी।

उन लोगों के पास सदाचाररूपी अनमोल हिरा था। जब वे जीवित थे तो उन्हे पूरे विश्व का सम्मान प्राप्त था। अपने सदाचार तथा सद्व्यवहार के गुण के कारण वे संसार में सदैव के लिए अमरत्व है।

जहाँ सदाचारी मनुष्य को घृणा मिलती है। भारत ही नहीं अपितु पूरे विश्व में राम की पूजा होती है।

स्वयं के परिश्रम से तथा भगवान की कृपा से धनदौलत कमाना और जितना मिले उसी में संतोष करना शुद्ध आचरण की पहचान है। यदि आचरण शुद्ध हो तो व्यवहार स्वत: सुधर जाता है। व्यवहार तथा आचरण को हमारें पारिवारिक संस्कार तथा समाज में पलते-बढ़ते है वैसे ही बन जाते हैं।

आचरण से हमारा व्यवहार प्रभावित होता है तो व्यवहार से सामाजिक प्रतिष्ठा। अच्छे व्यवहार तथा अच्छे आचरण से अद्‌भुत-असीम सुख प्राप्त होने के साथ-साथ आनंद की अनुभूति भी होती है। सद्‌व्यवहार और सदाचरण से ही मानव जीवन सार्थक होता है। इन्हीं से मानवता जन्म लेती है।

''खाली हाथ आए और खाली हाथ चले।
जो आज तुम्हारा है, कल और किसी का था,
परसों किसी और का होगा।
इसीलिए जो कुछ भी तू करता है,
उसे भगवान के लिए अर्पण करता चल।''

अत: आज के युवाओं को यह प्रण लेना चाहिए की वे सदाचार को अपने जीवन में स्वयं अपनाएंगे ।

❀❀❀

काश

जो अपनों मैं ना गुम होते ,
ना 'मैं' होते ना 'तुम' होते ,
काश हम सब 'हम' होते ...
जो इंसान थोड़े ज्यादा
और शैतान थोड़े कम होते ,
काश हम सब 'हम' होते ...
जो जज़बात थोड़े अंदर होते
तो ना दिल से बंजर होते ,
ना ये खौफ के खंजर होते ,
ना ये मौत के मंज़र होते ,
ना ये सारे मातम होते ,
ना ये डर के आलम होते ,
काश ना ऐसे गम होते ...
काश हम सब 'हम' होते ...

– दीशांत अरविंद मिस्त्री
(S.Y.B.Sc. Animation)

माँ तू ऐसी क्यों है ?

माँ तू ऐसी क्यों है ?
वैसे तो तू मेरी इबादत है आयत है।
पर आज मुझे, तुझसे बहूत सारी शिकायत है।
कहती है, तुजे कोई दु:ख नहीं,
ऐसा सबसे झुठ बोलती है।
कोई छोटा-सा दु:ख झेल नहीं पाता,
और तू दु:खों का पहांड झेलती है।
माँ तू ऐसी क्यों है ?
दु:ख तो बहुत होते हैं, और तू कहती है तुझे दु:ख नहीं है।
जब खाने में रोटी कम पड जाए तब तू कहती है मुझे भुख नहीं है।
माँ तू कितनी चालू है,
गिरगिट से तेज रंग बदल लेती है।
कभी माँ का प्यार, बाप का दुलार
तो कभी दु:खों में दोस्त बन जाती है।
माँ तू ऐसी क्यों है ?
हम कितना भी झूठ बोले, तू सब जानती है।
हमें दु:ख ना हो इसलिए, तू सबका झूठ सच मानती है
हर वक्त दुसरों की सोचती है
कभी तो खुद के लिए सोच लिया कर।
रोज दूसरों के सुख खोजती है,
एक सुख खुद का भी ख़ोज लिया कर।
माँ तू ऐसी क्यों है ?
एक बार तो दु:ख छोडकर सुखों के दो घूँट पि ले।
जिंदगी में एक बार मतलबी बनकर जी ले।
सबके दु:खों में शालिम होती है ,
मैने हमेशा देखा है।
यह दु:ख लेने का ठेका,
भगवान ने सिर्फ तुम्हें दे रखा है !
माँ तू ऐसी क्यों है ?
मेर सब शिकायत सुनकर भी तू हर दु:ख सहेगी।
तुझे कितना भी समझाओं तू वैसे कि वैसी रहेगी।
मुझे तुमसे इतनी शिकायत है,
फिर भी तुमसे यह जरूर कहूँगा।
मैं तुमसे प्यार करता था,
करता हूँ और करता रहूँगा।

– **रामेश्वर चव्हाण** (प्रथम वर्ष वाणिज्य)

GO TO INDEX

जीवन क्या है?

आसमा शेख (द्वितीय वर्ष, कला, हिंदी विशेष)

Life is a game - Play It !

विलियम शेक्सपियर ने कहा था कि, जिंदगी एक रंगमंच है और हम लोग इस रंगमंच के कलाकार। सभी लोग जीवन को अपने-अपने नजरिए से देखते हैं। कोई कहता है जीवन एक खेल है, कोई कहता है जीवन ईश्वर का दिया हुआ उपहार है, कोई कहता है जीवन एक यात्रा है, कोई कहता है जीवन एक दौड़ है और बहुत कुछ।



मैं आज यहाँ पर 'जीवन' के बारे में अपने विचार बताने की कोशिश करूँगी की जीवन क्या है?

मनुष्य का जीवन एक प्रकार का खेल है और मनुष्य इस खेल का मुख्य खिलाड़ी है। यह खेल मनुष्य को हर पल खेलना पड़ता है। इस खेल का नाम है 'विचारों का खेल'। इस खेल में मनुष्य को दुश्मनों से बचकर रहना पड़ता है। मनुष्य अपने दुश्मनों से तब तक बच सकता जब तक मनुष्य के मित्र उसके साथ नहीं है। मनुष्य का सबसे बड़ा मित्र 'विचार' है, और उसका सबसे बड़ा दुश्मन भी विचार ही है।

मनुष्य के मित्रों को सकारात्मक विचार कहते हैं और मनुष्य के दुश्मनों को नकारात्मक विचार कहा जाता है। मनुष्य दिन में ६०,००० से ९०,००० विचारों के साथ रहता है। हर पल मनुष्य एक नए दोस्त या दुश्मन का करता है। मनुष्य का जीवन विचारों के चय का एक खेल है। इस खेल में मनुष्य को यह पहचानना होता है कि कौनसा विचार उसका दुश्मन है और कौनसा उसका दोस्त, और फिर मनुष्य को अपने दोस्त को चुनना होता है।

हर पल मनुष्य एक नए दोस्त या दुश्मन का विचार करता है। मनुष्य का जीवन विचारों के चमत्कारों एक खेल है। इस खेल में मनुष्य को यह पहचान ना होता है कि, कौनसा विचार उसका दुश्मन है और कौनसा उसका दोस्त और फिर मनुष्य को अपने दोस्त को चुनना होता है।



हर एक दोस्त अपने साथ कई अन्य दोस्तों को लाता है और हर एक दुश्मन अपने साथ अनेक दुश्मनों को लाता है। इस खेल मूल मंत्र यही है कि, मनुष्य जब निरंतर दुश्मनों को चुनता है तो उसे उसकी आदत पड़ जाती है और अगर वह निरंतर दोस्तों को चुनता है तो उसे इसकी आदत पड़ जाती है। जब भी कोई मनुष्य गलती करता है और कई दुश्मनों को चुन लेता है तो वह दुश्मन, मनुष्य को भ्रमित कर देते हैं और फिर मनुष्य का स्वयं पर काबू नहीं रहता और फिर मनुष्य निरंतर अपने दुश्मनों को चुनता रहता है।

मनुष्य के पास जब ज्यादा मित्र रहते है और उसके दुश्मनों की संख्या कम रहती है तो मनुष्य निरंतर, इस खेल को जीतता जाता है तो वह अच्छे कार्य करने लगता है और सफलता उसके कदम चूमती है, सभी उसकी तारीफ करते हैं और वह खुश रहता है।

लेकिन जब मनुष्य के दुश्मन, मनुष्य के मित्रों से मजबूत हो जाते हैं, तो मनुष्य हर पल इस खेल को हारता जाता है और निराश एवं क्रोधित रहने लगता है।

मनुष्य को विचारों के चयन में बड़ी सावधानी बरतनी पड़ती है क्योंकि मनुष्य के दुश्मन, मनुष्य को ललचाते हैं और मनुष्य को लगता है कि, वही उसके दोस्त है।

जो लोग इस खेल को खेलना सीख जाते हैं वे सफल हो जाते हैं और जो लोग इस खेल को समझ नहीं पाते वे बरबाद हो जाते है।

इस खेल में ज्यादा तर लोगों की समस्या यह नहीं है कि वे अपने दोस्तों और दुश्मनों को पहचानते नहीं बल्कि समस्या यह है कि वे दुश्मनों को पहचानते हुए भी उन्हे चुन लेते हैं।

ईश्वर (या सकारात्मक शक्तियाँ), मनुष्य को समय-समय पर कई तरीकों से यह समझाते रहते हैं कि, इस खेल को कैसे खेलता है लेकिन यह खेल मनुष्य को ही खेलना पड़ता है। जब मनुष्य इसमें हारता रहता है और यह भूल जाता है कि, इस खेल को कैसे खेलना है।

यही है जीवन।

ई-कचरे की समस्या

तेजल संजय मुळे (द्वितीय वर्ष, वाणिज्य)

भारत देश एक विकसनशील राष्ट्र है। भारत उन्नति के मार्ग पर चल रहा है। हमारे देश ने अब हर क्षेत्र में उन्नति की है।

फिर चाहे वह 'विज्ञान' हो या 'तंत्रज्ञान'। भारत ने कई सारे उपकरणों की खोज की है। उसमें इलेक्ट्रॉनिक, इलेक्ट्रिकल आदि प्रकार के उपकरण शामिल है। इस इलेक्ट्रॉनिक क्रान्ति ने हमारे जीवन को सुख-सुविधाओं से परिपूर्ण कर दिया है। विभिन्न इलेक्ट्रॉनिक आविष्कारों के माध्यम से संचार तन्त्र को विस्तार एवं व्यावसायिक गतिविधियों के प्रोत्साहन मिलने के साथ-साथ रोजगार के अवसर भी बढ़े हैं। हमारे देश में कम्प्यूटर, रेफ्रिजरेटर, एअर कण्डीशन, सेल्युलर फोन, वाशिंग मशीन, कैमरा, प्रिंटर आदि इलेक्ट्रॉनिक उपकरण तैयार किए जाते हैं। इन सब उपकरणों ने मानव को एक नया आयाम दिया है। परंतु आज बडी संख्या में खराब होनेवाली इन्हीं इलेक्ट्रॉनिक वस्तुओं के अम्बर ने 'ई-कचरा' के रूप में एक नई पर्यावरणीय समस्या को जन्म दिया है। यदि ई-कचरे की मात्रा दिनों-दिन इसी तरह से बढ़ती गई कि आने वाले समय में पर्यावरण के साथ-साथ मानव स्वास्थ्य पर भी इसका प्रतिकूल प्रभाव पड़ेगा।



सबसे पहले ई-कचरा क्या होता है इस बारे में हम जान लेते है। ई-कचरा मतलब 'इलेक्ट्रॉनिक कचरा' इसे हम 'e-waste' कहते हैं। यह कचरा हमारे घर के कचरे से अलग होता है। ई-कचरे में कम्प्यूटर के टूटे हुए हिस्सों, इलेक्ट्रॉनिक उपकरण बनाते समय उपयुक्त होनेवाली सामग्री, ट्यूबलाइट, बल्ब, सीएफएल, प्लास्टिक के टुकडे आदि सामग्री का समावेश होता हैं। इस कचरे में मुख्यत: लोहा, जस्त, ॲल्युमीनियम, सीसा, टिन, चांदी, सोना, आर्सेनिक, गिलट, क्रोमियम, पारा, इण्डियम, सैलिनियम, वैनेडियम जैसे धातु मिले होते हैं। इलेक्ट्रॉनिक उपकरण बहुत से रासायनिक तत्त्वों व यौगिकों से मिलकर बने होते हैं। एक सेल्युलर फोन में ४० से भी अधिक तत्त्व विद्यमान रह सकते हैं।

ई-कचरे के उत्पादन में विकसनशील देश विकसित देशों से काफी पीछे हैं परंतु अमेरिका जैसे राष्ट्र अपने यहाँ का कचरा किसी न किसी प्रकार विकसनशील देशों में ही भेज देता है। भारत में ई-कचरा के निपटान हेतू १६ कम्पनियों द्वारा कुल कचरे की केवल १०% भाग का ही निपटान हो पाता है। ई-कचरा पर्यावरण के लिए सबसे ज्यादा हानिकारक है। कचरे का पुनर्चक्रण पूरी तरह से नहीं होता।

हमें पता नहीं होगा परंतु ई-कचरे की शुरुवात हमारें घर से ही होती हैं। हमारे घर में कई इलेक्ट्रॉनिक उपकरण होते हैं। इनमें टीव्ही, फ्रिज, रेडिओ, बच्चों के खिल्लौने, वॉशिंग मशिन आदि का समावेश होता है। यहीं नहीं आजकाल हर घर में हर आदमी के पास अपना मोबाईल फोन होता है। मोबाईल खराब होने के बाद और टूटने के बाद हम उसे कचरे में फेंक देते हैं। और दूसरा फोन लेते है। इसी प्रकार घर के बाकी उपकरण जो प्लास्टिक लोहा आदि से बनते हैं और हमारें बल्ब यह सब भीं हम खराब होने के बाद फेंक देते हैं। हमारे भारत देश की आबादी लगभग ११५ करोड है। इसमें शायद सबके पास या फिर १०० करोड लोगों के पास भी मोबाईल फोन है ऐसा माना तो सोचो सालभर में सिर्फ मोबाईल का ई-कचरा कितना होगा?

भारत में दिल्ली और बंगलुरु ई-कचरे को निपटाने के प्रमुख केंद्र हैं। सरकार के अनुसार २००४ में देश में ई-कचरे की मात्रा एक लाख ४६ हजार ८०० टन थी जो बढ़कर वर्ष २०१२ तक ८ लाख टन होने का अनुमान है। ई-कचरा पैदा करने वाले १० अग्रणी शहरों में दिल्ली, मुंबई, बेंगलुरु, कोलकाता, चेन्नई और हैदराबाद शामिल हैं। ई-कचरे में बहुत से प्रकार के रासायनिक तत्त्व शामिल होते है। जिनसे काफी नुकसान भी होता है। दरअसल ई-कचरे का निपटान करना आसान काम नहीं है क्यों कि, इसमें प्लास्टिक और कई तरह की धातुओं से लेकर अन्य पदार्थ रहते हैं। इस कचरे को आग में जलाकर इसमें से आवश्यक धातु आदि निकाली जाती हैं। इसे जलाने से जहरीला धुँआ निकलता है जो काफी घातक होता है। हमारे देश में हर साल ६००० ते ८००० टन इलेक्ट्रॉनिक कचरा निकलता है।

इस ई-कचरे की वजह से पर्यावरण की बहुत हानी हो रही है। सरकार ने ई-कचरा नियंत्रण के लिए कई कानून बनाए हैं। केंद्र सरकार ने वर्ष २०१६ में कचरा प्रबंधन नियमों के अंतर्गत ई-कचरा (प्रबंधन) नियम, २०१६ अधिसूचित किये थे। उसमें ई-कचरे का

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निपटान कैसे करते हैं, इसके बारे में बताया गया था। कई सारे कानून बनाने पर भी लोग ई–कचरे को बढ़ावा दे रहे हैं। परंतु इससे हमारे आसपास के पर्यावरण पर असर हो रहा है। यहीं नहीं तो लोगों की सेहत पर भी इसका बुरा असर हो रहा है।

ई–कचरे की समस्या बढ़ती जा रही है। परंतु हमें इसे रोकने के लिए कुछ करना होगा। ई–कचरे से उत्पन्न होने वाले खतरों से परिचित होने के बावजूद अभी तक इसे रोकने के लिए देश में जागरुकता का पूर्णत: अभाव है। इसका समाधान समय रहते नहीं निकाला गया तो प्रकृति के साथ हो रहे खिलवाड की भारी किमत हम सबको चुकानी पड़ सकती है। ई–कचरे से निपटने का सबसे अच्छा तरीका– रिड्यूस, रीयूज और रिसाइकलिंग हैं। कुछ कम्पनियाँ ई–कचरे का निपटान आधुनिक तकनीक से करती हैं। इसलिए अगर हम अपने बेकार उपकरण कबाडी को न देकर इन कंपनियों को दे तो हम. कुछ मात्रा में ई–कचरा नियंत्रित कर सकते हैं। इसके अलावा हम नया उपकरण खरीदते समय कौनसी कंपनी पुराना उपकरण वापस लेती है यह भी देख लें। कई कानूनी नियम, ई–कचरा संग्रहण आदि की मदद से हम ई–कचरा नियंत्रित कर सकते हैं।

इन सबसे पर्यावरण की हानि को कुछ प्रतिशत कम किया जा सकता है। इसलिए हमें प्रतिज्ञा लेनी चाहिए। प्रकृति की खूबसरती को कायम रखने के लिए और ताजा, स्वच्छ पर्यावरण बनाने के लिए हम ई–कचरे की समस्या को जड़ से उखाड़ फेकेंगे।

सुविचार

१) कोशिश करो कि जिंदगी का हर लम्हा अच्छे से हो क्योंकि जिंदगी नहीं रहेगी पर अच्छी यादें हमेशा जिंदा रहती है।

२) कौन कहता है कि परमात्मा नजर नहीं आते, एक वो ही नजर नहीं आते।

३) अगर आपको कुछ जलाने का मन करें तो अपना क्रोध जला देना।

४) दुनिया में केवल पिता ही एक ऐसा इन्सान है जो चाहता है कि, मेरे बच्चे मुझ से भी ज्यादा कामयाब हो।

५) कुछ चीजों का ज्यादा देर स्टैंड बाई–मोड पर छोड़ देने पर वो ऑफ हो जाती है, रिश्ते उसमें सबसे पहले आते हैं।

६) संभव की सीमा जानने का एक ही तरीका है, असंभव से भी आगे निकल जाना।

७) एक दिन हम सब दूसरे को यही सोच–सोच कर खो देंगे की, वो मुझे याद नहीं करते तो हम क्यों याद करे।

८) ना तो इतने कड़वे बनो कोई बर्दाश्त ना कर सके और ना ही इतने मीठे बनो की कोई निगल जाए।

९) जिदगी आपको हमेशा एक नया मौका देती है। सरल शब्दों से उसे 'कल' कहते हैं।

१०) अगर जीवन में कुछ पाना है तो अपने तरीके बदलो इरादे नहीं।

संकलन – **अमृता भादेकर,** तृतीय वर्ष, वाणिज्य

पेड की एक आस



पेडों से पूछा मैंने यूँ ही एक रोज
क्यों नहीं है तुम्हारे अंदर अब वो पहले जैसा जोश,
क्यों नहीं तुम्हारे नीचे बैठ कर
आती नहीं वो पहले जैसी बात,
जब शाम ढला करती थी
न जाने कब हो जाती थी रात,
क्यों नहीं कर पाती अब, मैं फिर से तुम से बात
मस्ती भी छूट गयी अब, जब होती है बरसात
डर लगता है अब चढ़ते हुए, कोई भी हो शाख
घबरा कर है दिल ये कहता कि
हो जाऊँगी मैं राख,
अगर बनना ही था तुम्हे, ऐसा निर्दय कठोर
तो अब चले जाओ तुम रस धरती को छोड़,
तुम से भी है परेशान यहाँ पर, सारे इन्सान
रहने कि जगह है कम, और
तुम बन रहे हो भगवान्
सुनकर मेरी व्यथा को, पेड़ थोडा मुस्कुराया
फिर प्यार से उसने हँसकर हवा का एक
झोंका मुझपर लहराया
बोला मेरे कान में धीमे से सुनो मेरे बदलने का राज़
जिसको सुनकर हसेगा सारा,
निर्दय मानव समाज,
जोश मेरा वो पहले जैसा खोया यही है देखो,
काले धुएँ से प्रदूषण के बिखरे रंग अनेक,
मैं क्या करता धीरे–धीरे हो गयी
कच्ची मेरी शाख
नाम का पेड़ रह गया बनकर अब, रखता हूँ
संग्रहालय में सजने कि एक आस...

– **आसमा शेख**, कक्षा – हिंदी विशेष, द्वितीय वर्ष, कला

विज्ञान और मानव कल्याण

अर्चना पाल (प्रथम वर्ष, वाणिज्य)

वर्तमान युग विज्ञान की प्रगति का युग है। मानव जीवन के हर क्षेत्र में विज्ञान की विजय के नगाडे बज रहे हैं। विज्ञान के आविष्कारों के बल पर मनुष्य ने प्रकृति पर विजय प्राप्त कर ली है और प्राकृतिक शक्तियों को अपनी दासी बना दिया है। विज्ञान की मदद से वह धरती, आकाश और महासागरों पर अधिकार जमा चुका है और विज्ञान के मदद से विविध ग्रहों पर जाकर वहाँ के ब्रह्मांड का स्वामी बनने का स्वप्न देख रहा है।





सर्वप्रथम हम चिकित्सा तथा आरोग्य के क्षेत्र को ले। आज से कुछ शताब्दियों पहले बहुत सारी बीमारियों असाध्य मानी जाती थीं। आज विज्ञान की मदद से उनके इलाज के लिए रामबाण औषधीयों की खोज की गई है। मनुष्य के शरीर से विभिन्न अंगों का सफलतापूर्वक प्रत्यारोपण किया जा सकता है। ऐसे कई मशीनों के द्वारा मनुष्य का कुरूप जैसा लगनेवाला चेहरा आज विज्ञान की मदद से उसे अच्छा किया जा सकता है। कैन्सर जैसी असाध्य बीमारियों के इलाज के लिए भी खोज की जा रही है। अनेक प्रकार के मानसिक रोगों की सफलतापूर्वक चिकित्सा की जा रही है। विज्ञान की सहाय्यता से निर्मित जल-वाहन महासागरों के उपर पानी को चिरते हुए दौड़ रहे हैं। तेज गति से आकाश में उड़नेवाले यानों ने सारी दुनिया में एक इकाई का रूप प्रधान कर दिया है। वैज्ञानिकों के आविष्कारों के माध्यम से मानव सारे विश्व के ज्ञान को आत्मसात कर रहा है।

वैज्ञानिक आविष्कारों के फलस्वरूप टेलिफोन की सहायता से दूर बैठे व्यक्ति से बातचीत की जा सकती है। संगणक के आविष्कार से विभिन्न प्रकार के जरुरी कागजात संभालता आसान हो गया है। बिजली की खोज और उसके उपयोग से उद्योग-धंदों का बहुत विकास हुआ है। झेरॉक्स मशीन से जितनी प्रतिलिपियाँ चाहे जो कि तो निकाल सकते हैं। टेलीवीजन की साहाय्यता से हमें प्रतिदिन मौसम और वायुमंडल संबंधित जानकारियाँ मिल जाती हैं।

इस प्रकार वैज्ञानिक आविष्कारों से मनुष्य भली-भाँति समझ गया है, कि संसार के सभी मानव समान है और रंग-भेद, जाति-भेद आदि भेदभाव की दीवारें गिराने में ही उसकी भलाई है। विज्ञान ने मनुष्य के भीतर 'वैज्ञानिक दृष्टि' का विकास किया है। अब उसके जीवन में अंधविश्वास के लिए कोई जगह नहीं बची है। संसार के किसी भी देश में मानवता के ऊपर कोई संकट आ जाए तो दूसरे देश से लोग वैज्ञानिक साधनों की साहाय्यता लेकर तुरंत पहुँच जाते हैं।

इस प्रकार विज्ञान की असीमित उपलब्धियों के कारण मानव जाति का कल्याण तो जरुर हुआ है, लेकिन प्रदूषण और भयानक शास्त्रों का उपहार भी विज्ञान ने ही दिया है। इन शास्त्रों को रालता इस्तेमाल करने से मानव जाति की दुनिया नष्ट हो जाने का खतरा उत्पन्न हो गया है। हमें आशा करनी चाहिए कि, मनुष्य की सद्‌बुद्धि जागेगी और वह वैज्ञानिक आविष्कारों का सिर्फ मानव कल्याण के लिए ही उपयोग करेगा।

'विज्ञान तेरी जय हो।'

इरादे

जो हकीकत बनने चले थे , ख़याल बनके रह गए
जो एहसान बनने चले थे , मलाल बनके रह गए

राजा बनने की ख्वाहिश मत रखना यहाँ तुम
जो विक्रम बनने चले थे , बेताल बनके रह गए

अंधेरो से मोहब्बत करना सिखलो यहाँ तुम
जो सूरज बनने चले थे , मशाल बनके रह गए

मिटटी से बने हो , मिटटी पर ही रहना यहाँ तुम
जो आसमान बनने चले थे ,पाताल बनके रह गए

लैला मजनू सा इश्क़ मत कर बैठना यहाँ तुम
वो हमसफ़र बनने चले थे ,मिसाल बनके रह गए

– दीशांत अरविंद मिस्त्री
(S.Y.B.Sc. Animation)

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Stray Thoughts...

Garima Singh (M.Sc.- II Analytical Chemistry)

1. W - Is The Beginning

She is unmatchable, she is water that flows silently, she is a puzzle hardest to solve, she is a rock toughest to break, she is a bird with wings open wide, she is a chant peaceful in her words, she is Nature lovely to explore, she is a medicine relief in pain, she is a touch soother to understand, she is fire hard to extuingish, she is a colour that never fades her Beauty, she rises when all is dark, she is a value that nurtures your child, she is a belief that inspires her spouse, she is a blanket when her family shivers, she is warmth when care is in demand, she is beautiful with her understanding, she is a pillar with her courage, she is there as steady as rock, she is there as soft as butter, she is there when you need, she is there when you demand. She is not far behind, just you are too ahead to return. She is an answer to your thousand questions. She is emotional to be stuck to being matured.

She is more than her pain , more than her loneliness , more than her ups and downs. She is a deep ocean to understand, a crown that deserves honour and respect, she is an oyster shell that protects, she is a feather that signifies grace, She is a Universe that's infinite.

He is my Father !

I was a little chirping... Standing in corner of the room, gazing him, how great he was, admiring him a man with all good deeds, the correct and straight he spoke, the sensitive and big hearted he was, the blessed and joyous he was . Humanity he greatly believed in, family and friends all his life was devoted in. Heard thousands say "A man doesn't cry, Yes, indeed they don't but they well know how to hide Tears," He knew this skill very well. Spreading happiness, giving good memories of his in everyone's life, he created wonders and proved the world , Dignity is the first Truth in each human heart . Spread your kindness so that even the evilest night couldn't harm you .

Nothing is bigger than willpower , he made me learn , even if it's your last day on earth you have to work .

His shadow guards My home , a home where he taught us nothing is bigger than you.

He indeed scolded me hard, explained all my mistakes, didn't show his pampering side. He taught me to hold his bare hands in beliefs and faiths, learn the reality of the world from my eyes, just walk with me my chid, evoke all the good teachings, imbibe them within you this is the father's gift to their tots, Rest I'm here still here close to your hearts to protect you from all the devil's and scars.

When you raise your head , shine bright with a smile and say He is "My Father !".

The Unheard Voice

God has not yet written my fate
And you have announced your stand.
Please, Dad! Don't have me killed;
I too want to see the world.
Please let me be a part of society,
I'll do work of every variety.
Don't bother about hiring a maid,
I'll do work without being paid.
Don't panic about my school work,
I'll study from by brother's books.
Dad, please don't worry about my dowry,
I'll stay with you and will not marry.
I'll help you from my childhood
And support you in your old age as I should.
Let me live, let me bloom,
Let me shine like the moon.
Let me come and see this world,
Let me fly like a beautiful bird.
But if you think I'll be a burden to you,
Then don't spend on this operation too.
I myself will tell God and his messenger
That my family had me surrender.
And this is what my family said;
That they'd rather see me born dead.

- Sweta Dhareva, F.Y.B.Com. (A)

The Comidor
Sharing of Experiences

On the 16th of January, 2019, the English language department of Modern college held a comic convention of sorts, 'The Comidor'.

It'll be close to a passing month now, and I still find myself thinking back on all the good times we had, all the trials and tribulations we had to go through, all the ways in which we changed.

To be honest, it was more than just a department hosting an annual event. It was a group of people lying on the spectrum of humanity who came together, despite their differences, with one goal in mind, the success of the Comidor.

But, as the days passed, and the plans fell in place and an idea materialised, we had gone from being individuals working on their chosen comics, to a group working together and helping each other, having each others backs, having a good time.

I don't think people realise how much the Comidor meant to us. I found new friends here, I learnt more about the people I had been with for months and never felt the need to approach, I found deeper friendships with the people I already called my friends.

What I loved most about the Comidor though, was that it started out as an effort of the English language department and ended up involving several more department students than we had anticipated. We had students from Animation, Biotechnology, M.A. English and M.Sc. Blended coming in and working on creating original comics and making life size photo booths with Iron Man and Stan Lee and Black Panther on it.

We put a lot of effort into doing the Comidor the justice it deserved. We spent days in the language department sitting around the big table, working on charts, sticking the charts, making illustrations for the charts, painting the charts, it was all about the charts, really. It was in between all those times when we were fixing mistakes and trying to work around unforeseen circumstances that you found the quiet moments where friendships were established and strengthened, it was here that we took turns to rest, we looked out for each other and we checked in with each other. Those were good, genuine times of appreciation and respect for each other and the acknowledgement we made of it.

There are too many people to thank, so I'll mention a few. To all the teachers from the English language faculty, who took the time to sit with us and help us pull this off, thank you. To Kiran Swarali and Gayatri, your steadfast determination to uphold the Comidor to a higher standard made us appreciate our responsibilities more than we would have. To all the participants from Animation, Biotechnology M.A. English and M.Sc. Blended, your cooperation and willingness to work long hours and passion for the Comidor was a heartening sight. All the participants from the first, second and third year of Modern College's Bachelor of Arts, your love for comics brought us here. Thank you for putting in the long hours till the very end without complaint. Finally, to the English language department and Modern College of Arts, Science and Commerce, thank you for your time, cooperation and unfaltering support to the Comidor.

Srushti Damle (S.Y.B.A. Division B)

The Comidor was an event hosted by our college. The event was about comics, their value and how they affect languages and literature.

The world's education system strives to create an environment in which the students can learn, study and be creative at the sametime. The Comidor was an attempt at this. The Comidor attempted to push the student's creativity and make them learn something new at the sametime. Comics are something that most children read and with the current success of movies based on comics, comics are becoming more popular. As a result of this, their impact on the youth has increased. So we can count comics as one of the main causes of the ever-changing English vocabulary, along with social media. In short, the Comidor was an attempt at show casing and acknowledging this cultural impact.

Another important achievement of the Comidor was that it resulted in unity between students of the entire college. Students from

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different backgrounds, courses, colleges, and even countries came together to work and make a chart based on their own favorite comics. Students were united and worked towards one common goal-The success of the Comidor. We as students enjoyed making the charts and even costumes.This experience was very unique. We didn't just do something creative and new, but we also learned about each other's cultures. This was important to improve communication and coordination between the students and thus the college achieved something important. The international students worked together with the local students and the language barrier was broken and the gap between the countries was bridged.

The Comidor was both, a learning experience as well as a fun get away from the stress and pressure of everyday college studies. The Comidor was an event that helped us students in different ways, the most important one being helping us feel at home and overcoming cultural boundaries and dissolving the divide between the students. In my opinion, events such as this should be held every year.

Atal Omar (F.Y.B.A.)

Comic books have never completely been accepted by people as real literature. Most people believe comics to be a form of art. Fortunately, thanks to the ever modifying definition of Literature, comics have gained literary status.

Comics can be seen as a hybrid art form that evolved from literature and a number of other art forms and media. Comic books have often been seen as something aimed toward children and is more often than not been considered childish. While comic books and graphic novels do have a lot to offer to kids, they can also entice reluctant readers, motivate kids to read and coax kids into looking for deeper meaning. Comics are often the gateway to the world of reading and literature for kids who feel intimidated by novels or more intensive forms of literature. They generally feature an extensive vocabulary and familiarize readers with the basic character tropes of literature like protagonists and antagonists. Comic books are a vital and irreplaceable part of children's literature. It was this idea that birthed the ***Comidor***, a literary event organised by the department of English earlier this year.

An all-encompassing list of significant comics from the past century was made which included both international as well as regional comics. It included timeless classics like Detective Comics (DC), Marvel, The Adventures of Tintin and Asterix and Obelix. Regional favourites like Amar Chitra Katha, Tinkle and Chacha Chaudhary were also a part of this list. Comics have expanded beyond print media and keeping this in mind, a number of beloved webcomics like Sarah's Scribbles, The Awkward Yeti, Cyanide and Happiness and My name is Death were also included. Comics are not just a part of the fabric of society today but have also been defining aspects of culture as well. A testament to this is the vast and extensive universe of Manga from Japan. There was also a group of students that created an innovative and witty original comic series called Macdeath. The student participation was unlike anything the department had ever seen before.

The event went beyond the department of English as students and teachers from multiple other departments like Animation, Bio-Tech, Spoken English worked tirelessly in cooperation with the English department to put up one of the most diverse, inclusive, creative and informative departmental events this past academic year. It was not only inter-departmental participation that was encouraged, but also international participation. Several students from Afghanistan helped put up the display of comics and also enthusiastically participated in the research and development of various charts. This was an opportunity for students to showcase not only their literary knowledge and writing skills, but also their artistic abilities. The animation students left all the participants, teachers and guests in awe with their life-size standees of universally favourite superheroes that served as a photo booth for visitors to commemorate the event. The *Comidor* had a Comic Con-esque feel as a number of students dressed up as their favourite superheroes or donned capes and comic-book related t-shirts. The *Comidor* was not just a college event, but an immersive and enriching experience for all those who participants, volunteers, and visitors. I eagerly await the next event to be organised by the department of English and can only hope for it to be as incredible as the *Comidor*.

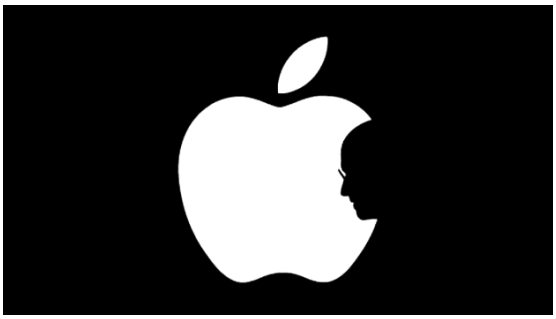
Sana Oswal (S.Y.B.A.)

Let's Talk about History of Technology

Tanmay Borde (S.Y.B.Sc.- Computer Science)

Why is the History of Technology important?

We have come a long way on this planet, from Industrial Revolution till the picture of Black Hole. In this history, one of the most important revolution was Technology whose impact will last forever. We students being a part of this consequence have a responsibility to look at the Technology from a broader context because our present is nothing but just consequence of our past. Let's look at the brief history of Technology and where it's heading.



Prelude

Industrial Revolution (Year 1760)

Let's dive deep into the roots where it all began. It all starts around the year 1760 when the Industrial revolution began. The world saw a transition from agriculture to jobs due to big factories, from cotton textile to automotive industry, innovations and inventions were bursting rapidly. But history has proven time to time that an invention is a double-edged sword, it comes with unintended consequences. Nobody knew that a Hair spray is going to cause a hole in the ozone layer and Nuclear energy will cause the tragedy of Hiroshima and Nagasaki. This era triggered many technological and environmental changes in the world. For sure technological advancements amplified the human possibilities along with comfort, convenience and increased quality of life, but at the same time it also made the Second World War more intense than previous. The Industrial Revolution caused rapid changes in the economy, education and various other aspects.

Educational Aspect (1800)

Industrial revolution was booming and there was a need of smart workers to run the factories and machines. The British industrialists then designed a school which teaches only required knowledge and discipline to the upcoming workers. This is how the technical education was introduced in schools to kill the creativity of children, producing large number of smart factory workers, and the legacy still continues till today.

Economical Aspect (1910)

Earlier, gold and silver was the currency to buy goods, but this was changed completely after Industrial Revolution. In December 1910, six men decided to establish a Central Bank in US due to booming Industrial Revolution. If these six men succeeded, they could able to create money from nothing. The nine days meeting between these six people and some of the richest people from globe, created "The Federal Reserve System" which is not governed by any law, government or common people. They succeeded despite having wrong intentions, and the rest is history.

War and political aspect (1914 - 1957)

World Wars played an important role to boost the technological advancements. Governments were investing heavily into the R & D to develop advance weapons and technology to defeat nations. Some of the major inventions took place during the two World Wars. Right from Radar systems to the Computer and Internet, everything was initially designed to kill the Nations. This is how some of the major inventions & innovations were made for destruction, and later some of them were commercialized in the market for greater opportunities, accelerating Industrial Revolution and the economy towards modern Technology. Science was supposed to be used for human curiosity, but the authorities were using it for stupid rat races between nations, political disputes, wars and commercialisation.

(Deaths in WW-I : 37 million ; WW-II : 80 million)

Aftermath (1957 - 1971)

After the WW-II, the death trap created by the six men, spread all over the world and unfortunately

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the Nations were being built on top of this system. US dollar became reserve currency of the world, and almost all currencies were backed by the Dollar. This is how the US became supreme. Till 1971 the dollar was backed by gold, later it became a Fiat currency. Fiat money means a piece of paper backed by literally NOTHING.

Technology and People (1980 - 2000)

The headstart of modern technology was harsh, but after the wars, world became somewhat stable and people were at ease. Due to commercialisation of technology, people were living in luxury, comfort and convenience. Companies like Apple, Microsoft, IBM etc. were redefining the future of Computer with the help of capitalism. Among these, **Apple** significantly revolutionized the Computer. Western people started adopting the booming technology, ever since the fad of modern lifestyle has spread all over the World and eventually boosted the whole economy. This is how the whole world got involved into the Economic Engine due to technology.

Consequences (from 2000)

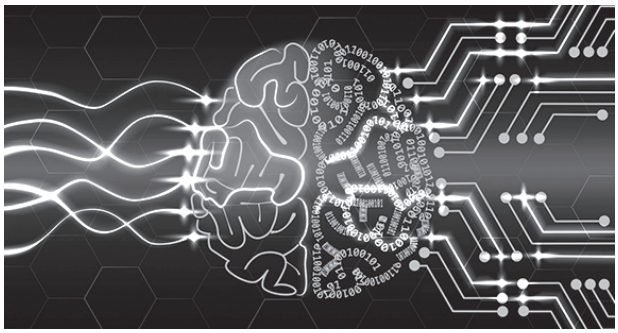
Human life has become more sophisticated and luxurious due to technology and economy. Today we are living a full fledged life, but if we constantly keep raising the bar of survival, then we won't achieve affluence completely. People's perspective towards life has changed drastically. We are completely dissolved into the modern lifestyle.

So now what are the consequences and where are we heading ?

As seen above, industrial revolution triggered many major aspects of the world, which have affected our present life. Let's see some of them in short.

Present

Impact on education : The biggest drawback of the current education system is that it's linked to the Economy. On large scale, today the structure of Education system is economy oriented. The end goal of children is set on the day they are born, that is to become capable of running the economic engine and survive. Schools are designed to end up in colleges, colleges into universities, universities into jobs, and jobs or businesses into fuel of economic engine. Legacy is still continued, just with little sophistication. Today everyone is getting educated only to get a job. Pure education has become obsolete due to predefined goals and purposes. Students are constantly under the pressure of career, ultimately learning only to be used.



Impact on Economy : Today whole world runs on Fiat currency. The biggest scam that is Federal Reserve, is now the most powerful entity of the world, such that they can create money out of thin air and even an investigation of the system cannot be conducted. Just imagine, "Money" something for which you strive your whole life, firstly has become just a piece of paper, and secondly it is created out of NOTHING.

Why are we still using Fiat currency ?

We exchange money with something, just because the other party is exchanging something with money, and this cycle has been rooted, making us believe that money is everything. It's the human greed itself nourishing the fraud "Money". Today one single person's net worth is equal to the combined GDP of nations ! The gap between poor and rich is tremendous.

"Economy is like a plane with entire population, which will either crash or never land, and we are busy enjoying the horizon."

Impact on Nations and Politics : Major false systems of the world are now deeply rooted and irreversible, and are eventually being controlled by the new authorities. Currently politicians are running the nations with the flow and competition of the world. This agenda of every nation is obvious, because the flow of development is such. Yet, there have been some remarkable transformations and solutions by both government and private organizations. But still we have to put more efforts in less time to fix all the current issues, right from wealth distribution to the climate change. From the beginning, authorities are responsible for disturbance in the societies and systems.

Impact on Technology : Private sector especially Technology sector has become the biggest and most rewarding sector due to its ascendency. This is the reason you and me are sitting together in a class. Earlier, inventions and innovations used to feed human curiosity, but today they are largely used just for revenue of the company. Like education, technology has also become the integral part of the economic engine. Also due to saturation in some areas, innovations are going beyond

comfort and luxury, increasing the dependence on technology and that makes it irreversible and pointless. Technology is widely commercialised and has become a slave of economy. On the other hand, technology is also very important to fix our previous errors, overcome problems and find new solutions. Ironically, present technology is the same solution which created the problem.

Conclusion : Looking at the history, we can say that Human Life is like a Stack. We keep on pushing the human race, sometimes without popping the existing corrupt systems and making the base unreliable. Today the problem is that everything from education to technology, has roots to the economic engine. These unreliable dependencies have made human life fragile. The world has already suffered a lot due to the influence of the west. For sure there also have been many positive impacts, but right now focus on the issues is more important. According to history, shift of human race for new beginning costs destruction. But today, humans are more sophisticated and well equipped with tools to adopt new ways to find solutions, ideas and innovations without causing more harm to humanity and the nature as well. For this, we being the future of technology have responsibility to be aware and come together to contribute for the upcoming generations, rather than getting lost into the fanciful things and pointless disputes of the world. The only thing lacking is "Clarity in Human mind". Human being is a phenomenal piece of life with package of love, emotions, intelligence, thinking and ability to change the world. We have to use each and every aspect within us for the welfare of society. History is the past, present is the only chance, and future lies in our hands. Let's come together and make this world a better place for living.

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An Ode to Eloquence

A finite set, we've always been told
Yet new words emerge daily, their stories unfold.

In this life beautified by language, we often forget
That though finite, awfully large is this set.

An endless ocean at his disposal has man
Then why doesn't he use it as frequently as he can?

"Why should he," you ask, "if he has got all he needs?"
Because language has lush green trees to offer and
here we are, settling for the weeds.

- Sana Oswal (S.Y.B.A.)

Recent Inventions in Science in India

Sivasarojini Rajkumar (S.Y.B.Sc.-B)

The Indian Institute of Science in Bengaluru has come up with many useful innovations in science, technology and healthcare.

1. Water Purification at a Nano scale Level

In 2015, Dr. Suryasarathi Bose, Assistant Professor of Department of Materials Engineering and a team invented a water purifying system that could even eliminate harmful bacteria at a nanoscale level. The filter consisted of a porous membrane. The pores filter out the micron-sized bacteria, while the silver-titanium-carbon mixture kills the bacteria.

2. A Solar Water Purifier

This innovation by Professor Vasant Natarajan, from the Department of Physics is low cost and does not require membranes or electricity. According to Natarajan, this device could purify all kinds of water – sea, bore well, ponds, even rain water – into drinkable water, and produce 1.5 litres out of 3 litres of impure water. Explaining how the device works, he said that first the water is evaporated using solar energy, and then the vapours arecondensed on a cold surface. What are left behind are all the impure substances such as bacteria, arsenic, and fluoride.

3. A Non-hazardous Stain for Scientists

Researchers in labs often work with a number of chemicals and hazardous materials that could affect their health. Acid stains are used to test a number of chemicals that is probably carcinogenic. In March 2016, J Fathima Benazir developed a stain that, if replaced with acid stains, could help researchers reduce their exposure to harmful chemicals. The new stain called Tinto Rang is made from plants, and is even safe for consumption.

4. Non-invasive Heart Condition Detector

A non-invasive device that can measure heart and lung, called the Fibre Bragg Grating Heart Beat Device, was invented by S Asokan, Professor at Department of Instrumentation and Applied Physics and his team. The device simply needs to be wrapped around a person's chest, while the sensors detect cardiac activities, measure blood pressure, count blood glucose levels, and monitor respiration. Made of an optical fibre sensor, this device can easily help detect heart conditions early.

5. A Vaccine to Combat Hepatitis C

In India, 20% chronic liver disease has one cause: hepatitis C virus, which spreads through blood contact, and affects 12 million people. It causes severe liver problems, sometimes even ending up in cancer. In February this year, a team of scientists led by Professor Saumitra Das developed a vaccine that could produce the antibodies to fight the virus. Right now, the vaccine is still being tested on animals, but the results are promising, according to Das.

6. A Revolutionary Cancer Molecule Inhibitor

In 2012, Sathees C Raghavan, associate professor with IISc's biochemistry department and his team developed a molecule inhibitor, SCR7, which could revolutionize cancer treatment. In 2014, scientists at MIT tested the molecule and discovered its efficiency and potential in becoming an integral part of anti-cancer drugs. The molecule inhibitor binds with the cancer cells to block its DNA from repair, thereby killing the cancer cells. While the drugs are still under research, the fact remains that an Indian team was vital in creating an anti-cancer drug.

7. Affordable Lens to Give Vision to Cataract Patients

In a life-saving innovation by Professor G. Mohan Rao at the Department of Instrumentation in 2015, many people who suffer from cataract are now able to see. The team developed economical intraocular lenses (IOLs) in their labs that could be affordable for even poor patients. They succeeded, after months of trials, in creating a thin film of 'tetraflouroethane' coating on intraocular lenses. This intraocular lens replaces the natural lens in the eyes of a cataract patient. So far, intraocular lenses developed abroad were expensive and inaccessible to most Indians. This, however, changed when Rao and his team succeeded in their tests and transferred the technology to AUROLAB, which now produces these lenses.

(Source : Internet)

Modern Past Meets Modern Present
An Interview of ex-student Mandar Kulkarni
(PhD, CEO, Vyas Cancer Research Park and CSO, Lumiseek Inc.)

by **Shubham Kshirsagar** (T.Y.B.Sc. Zoology)



Mandar Kulkarni Ph.D.

Shubham : What made you choose Modern College for you studies and take Zoology as the subject of interest?

Dr. Mandar : Seems like it will be an anti-climactic start to this interaction. I knew I wanted to become a doctor and had given up mathematics as a subject after 10th grade. For certain reasons, I did not make the cut for admission to MBBS. Since I had completed my 12th from Modern College it was an easier path to get into Modern College. As far as choice of subject is concerned, during the first year of my B.Sc., I was fascinated by genetics and as a natural progression, Zoology became the choice in third year. All the teachers in the Zoology department at the time were also a significantly galvanizing factor. I am privileged to have learned zoology from an elite set of teachers.

Apart from the subject of Zoology, the teachers and the environment in the Zoology department encouraged group discussions and participation in extra-curricular activities. As a science project beyond the classroom, I was part a group that researched and presented the effects of alcoholism on the human body. During the project, we visited the local chapter of the alcoholics anonymous, which helps alcoholics overcome their condition through group therapy. It was a surreal experience to come face to face with individuals affected by the condition and learn about challenges that we generally are oblivious to. I was also part of a Chinmay Yuva Kendra chapter, conducted in the college. The group consisted of first year, second year, and third year students who collectivelyconducted insightful discussions about spirituality and philosophy without discussing religion and mythology. In hindsight, it was a unique and refreshing way to approach philosophy and it forced us to ask and answer several provoking questions about our existence, society, and life. It was a great experience to have been introduced to such concepts at an appropriately impressionable age. It helped shape the core principles of life.

Shubham : About your career and what all you had to go through to get where you are now...

Dr. Mandar : After finishing my B.Sc. in Zoology, I pursued a higher degree in Genetics from the University of Wisconsin Madison USA followed by Ph.D. in cancer biology from Purdue University. I was then selected as a postdoctoral fellow and worked on Structural Biology at the Yale School of Medicine. After extensive academic training in Cancer Biology, I chose to completely change course and worked at a startup company focused on clinical microbiology and mass spectrometry. I was awarded a Young Investigator award for both, my work at Yale and at the startup company. I then decided to move to India and prior to my current role, I worked in the genomics, microarray, and bioinformatics service industry. During this time, I had the good fortune of hosting the third year B.Sc. Zoology students at Cancer Genetics India, where I was the Chief Technology Officer at the time. Currently, I am building a world class institution that will enable translation of scientific discoveries and ideas in the oncology area into products and services that will benefit cancer patients. So, the journey from academia to industry to entrepreneurship has so far been quite challenging yet satisfying and rewarding.

I think a career is composed of two components, 1. Skill acquisition and 2. Application of those skills. Throughout my professional journey I have been driven to pursue new things. Sometimes the drive has come from within and sometimes due to practical situations. I believe this is true for everyone and the focus should be to learn as much as we can and apply the skills to the maximum, to force the best outcome in the given situation. What is also important is to continue to acquire skills and apply them as you go.

There is no specific time switch when you formally assess your skill set and say that ok now, I can start applying my skills. It is a continuous process. Specifically, in my case, I was unafraid of jumping into something new and constantly doing my best without compromising on delivering quality work. Through the course of my career, I drastically changed fields within biology, which opened my mindset. Lastly, when I was forced by my peers and superiors to make choices that were against my principles, I did not compromise and stuck to my principles.

Shubham : What will you dedicate your success to and how do you think Modern College might have played its role in it?

Dr. Mandar : First and foremost, to my parents, who painstakingly raised me and provided the environment that encouraged freedom of thought and open expression through dialogue. Second, to the two mentors without whom, what I do even today would not be possible. The mentors cultivated two specific aspects of my personality. The first mentor taught how to introspect and adjust course to reach your goal and that your goal really should be to reach the sky in whatever you choose. The second mentor taught how to imagine and how to design a path, in uncharted territory, to crystalize the imagination into reality. Lastly, my wife, friend, and companion has been a constant source of support and inspiration to pursue perfection.

I have a vivid memory of a defining and transformational moment that aroused my interest in biology. When I was attending a Developmental Biology class in the second year of B.Sc. at Modern College, I was in the first row and intently listening to the teacher, who was discussing embryonic fate maps. It was fascinating to learn that every cell in an embryo, even from a stage when the embryo is just a ball of cells, "knows" its orientation and place within the embryo, its lifespan, and its "role" in the embryo and in the fully grown individual. In other words, each cell knows its own fate, independent of that of the overall organism that harbors it. Such precise "coding" of its lifelong program within each cell is in stark contrast to the mysterious and exciting unfolding of the destiny of individual humans, which are paradoxically constructed by cells that "know" their fate. I am happy to have been able to follow the spark that was ignited during that lecture and follow my passion to develop a better understanding of biology.

Shubham : What is your aim for the future ?

Dr. Mandar : In general, the aim has always been to pursue excellence in whatever I choose to do. One of my major professional goal is to be able to genuinely say that the life of at least one cancer patient has drastically improved because of my work. Outside of work, social contribution to improve the lives of abused women and children is a goal. On a personal level, taking care of my parents, spending quality time with friends and family, and being able to provide to my daughter the same freedom and encouragement my parents provided to me are some of the other goals.

Shubham : Your college memories and what would you like to say to the current and upcoming generations.

Dr. Mandar : During the last semester of the third year the college was closed for an extended period of time and the syllabus was not completed. The teacher found alternative venues e.g. Pataleshwar caves, Open space in the Pune University campus, one of the student's houses. This exemplified how you should fulfill your commitment and how there are effective ways of addressing unforeseen challenges.

Within our class, I was part of a group of 8 students. I have several fond memories from my time at Modern College.

Some of the fondest memories were created while we visited the Konkan coast on the study tour. We traveled by a an 18-seater bus hired from Pune, Throughout the time spent in the bus, each of us was forced to change seats every time we stopped. Consequently, we spoke with every one of our classmates, which allowed us to bond with the entire class. Because of the camaraderie, we felt like sharing our specimen collection and excitement with the rest of the class throughout the tour. We played cricket with both the teachers and the supporting staff on the beach, we had unique accommodation and dining experiences. Overall, we became more aware of the entire class, appreciated the individual differences, and were more inclusive in the following class interactions.

As third year students representing the Zoology department, we organized a sendoff for the M.Sc. students, who were finishing their post-graduate degree. The entire event, including the program, invitations, speaker arrangements, food etc. was organized by us as a class. Such an event had never been organized by any of the past students. So, it felt great to establish a precedent for the next batches.

Visiting Ralegan Siddhi, developed as a model village by Anna Hazare, was an interesting experience. Learning how one could inspire an entire village to fulfil a righteous vision and enable the transformed of

a draught- and poverty-stricken village into a self-sustainable, well-knit and efficiently managed community opened my eyes to the process of managing complex problems. It also inspired confidence in the fact that genuine passion, critical thinking, and hard work are the true agents of change.

I remember being part of the most notorious group of students. We were not exactly rebels but I think we gave a hard time to all the teachers. All of us did decently well academically. We traveled a lot as a group, visited many places in and around Pune. The core bond that we still share is that of human respect and genuine care. We also had a unique bond with all the teachers in the department. We were practically scolded by all of them yet they were all fond of us.

Shubham : What is your Advice for us ?

Dr. Mandar : Pursue what you are strongly passionate about, your passion can change over time but don't leave anything half way, complete what you have taken up. Always think critically if anything you are doing can be done better. Don't take any shortcut and don't compromise on principles. Hard work is the only path to success. Lastly, treat your peers, colleagues, teachers, family, friends and parents with utmost human respect. Be yourself and be human.



Shubham Kshirsagar
(Photo Credit : Jay Gore)

To Oblivion

Take me in your arms,
Hold me tight.
Peel away the tension,
Throw it into the wind with all your might.
Put me in an armour
And seal it with a kiss
Take me to oblivion,
To certain bliss.
Lets fly,
Way up high.
To the highest cloud,
And stay there forever,
At least tonight.
Take me to oblivion,
To certain bliss.
To certain bliss.
To a place where no one exists.
Let's set a home up here,
A place, a land with nothing to fear.
Take away my fears burn them all
In their place,
Keep a box,
All good memories found and lost.
Keep them safe,
Cause all include you.
Lead me to oblivion,
Lead me to you.

- Gayatri Palande (T.Y.B.A.-B)

The time when you decide...

Things which shouldn't exist
In this world.
The one who forgets
Or the one
Who is forgotten?
What is better
To love one who has died
Or not to see each other when you are alive?
What is better
The distant lover
You live for
Or the one you see daily without desire?

- Saurabh Mate (T.Y.B.C.S. - B)

Deutsche Witze (German Jokes)

☺ Einmal geht Herr Muller ins Restaurant und bestellt einen Fisch. Aber nach dem Essen trinkt er kein Wasser. Wisst ihr warum? -Er denkt, der Fisch würde in seinem Bauch schwimmen.

☺ Eine Lehrerin fragt eine Studentin:
Paula, sag mal betest du an Gott vor dem Essen?
Paula antwortet:
Nein nein Frau Lehrerin, meine Mutter ist eine gute Köchin.

- Komal Bora (F.Y.B.Com)

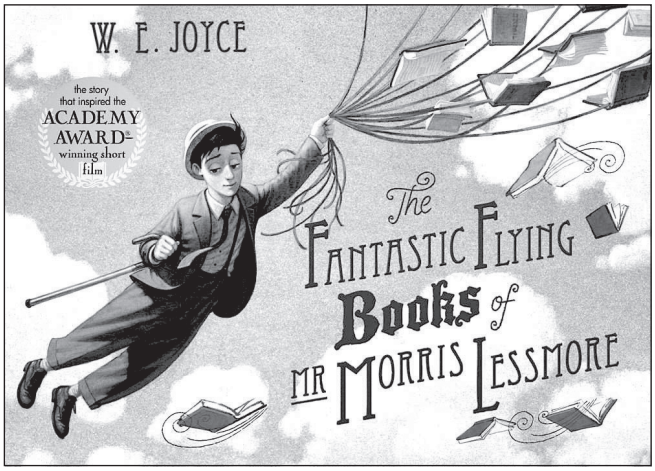
Film Rezension (Film Review)
'The Fantastic Flying Books of Mr. Morris Lessmore'

Shravani Panse (S.Y.B.A. German Special)

Kurze Zeichentrickfilme sind vor einigen Jahren in der virtuellen Welt eingetreten und haben sich Beliebtheit erfreut. So ein Film, der als Klassiker dieses Bereichs angesehen wird, habe ich vor einigen Tagen gesehen. Es war mir neu. Gelegentlich genieße ich kurze Filme, da wegen YouTube kurze Filme banal geworden sind. Bei vielen fehlt die Flüssigkeit und den Rhythmus.

Ein Kurzfilm ist eigentlich ein Video, indem man eine Geschichte in begrenzter Zeit erzählt. Vielen gelingt es einfach nicht, entweder wegen einer schwachen Geschichte oder des armen Vermittlungsvermögen.

Im Gegensatz dazu war diese Enttäuschung in diesem Film überhaupt nicht zu empfinden. Gleich nach dem Anschauen wurde es zu meiner Liste der besten Filmen hinzugefügt.



In diesem Film wurde die Geschichte einer Leserrate berichtet. An einem normalen Tag saß auf einem ordinären Balkon ein Mann mit einem Buch. Plötzlich hat sich das Wetter umwandelt, es gab einen zerstörenden Sturm, der die farbenfrohe Welt zu einer farbenlose grauen Welt änderte. Alles was wir unter Bessenheit verstehen, wurde ihm entnommen. Es sah so aus, als ob die Stadt im Schutt und Asche lag.

Nach kurzer Zeit hat der Mann ein gemütliches Engel gesehen, das mit Büchern wie ein freier Vogel floss. Ein Buch wurde dem Mann geschenkt, was ihn erleuchtete. Danach wurde er zu einer lebendigen Bibliothek gebracht. Dort wurde er bis zu Ende seines Lebens tätig. Als Bibliotheker spendete er zahlreiche Bücher und wandelte das Leben Vieler. Nachdem er Engel wurde, war er von einem Mädchen ersetzt.

Der Film war eine Kombination von Audio und Video, und was mir besonders auffiel, "ohne Dialog". Meisten Filme ohne Dialoge vermitteln eine berührende Botschaft, so war auch der Fall hier. Ein Buch ist eigentlich wie eine Reise. Es beleuchtet unser Leben und bewegt uns weiterzukommen. Wir verlieren das Bewusstsein und tauchen in einer anderen Welt ein. Wer ein Buch liest, schiebt sich in den Schuhen der bunten Charakteren und berührt dabei die Kraft der Vorstellung. Das Gefühl, das man am Ende eines Buches erlebt, kann nicht erklärt werden.Vor allem dann, wann man durch die ganze Reise auf das goldene Geheimnis gewartet hat.Noch dazu fühlt man den Held mit. Die Verzweiflung, die atemlose Spannung, die Gefahr, die Liebe, sind nur einige Gefühle von vielen, die wir beim Lesen empfinden. Es wäre nicht falsch zu behaupten,wer nicht gern liest, grenzt sich zu einem Universum.

Bei solchen Filmen spielt die Musik und den Rhythmus eine wesentliche Rolle. Um die Gefühlenwellen der Charakter zu schildern, sind die Varianten im Rhythmus von Bedeutung.Es hat außer Zweifel dem Direktor geglückt.

Ich würde jeder Person diesen Film empfehlen.

Zusammenfassend möchte ich sagen, gibt es viele Hobbys, aber meinetwegen ist Lesen das Beste. Es bietet uns die Flügel an, frei zu fliegen und eine andere Welt zu erfahren.

Woman Psyche is free from Reservation

Himani Dhyani (S.Y.B.Sc. - B)

No nation can stand proud if it discriminates against any of its citizen. Certainly no society can claim to be part of the modern civilized world unless it treats its women at par with men. The time for genuine and full empowerment of women is here and now.

A woman is that creation of God who is a daughter a mother a sister a wife and a companion you can easily bank upon. A woman when comes to her utmost strength can break away all barriers and become a Durga to break the shackles of agony pain and misery. A woman can be a saviour. Then what can't women gain by reservation? A few seats here and there, I suppose. But what about the rule of equality? Males and females are born to be equal. Let's shun this assumption that males are born to dominate. Men need to understand that without women their life would come to a halt. In fact the entire life on earth would stop. God never sent us for this. Then why are we distinguishing between men and women? Females when got opportunities have shown that they are no less than males. Let's give a woman equal opportunities as males. Let's not say that so and so seat reserved for women or fix a quota, beyond which women cannot make entry. We have to break the shackles binding us and not bind ourselves in chains. If we are fighting today for a mere 33% reservation, then we will close all doors for us thereafter, for further enhancement in our power. We need to be at par with males, no matter what. Even though reservations may bring us a step closer to emancipation, they will protect us weak and feeble. Also, reservations would lead to a creation of dummy and dim-witted women leaders. What's more boys are struggling equally hard to get better marks and percentile. But they are not demanding reservations, are they?

Consider a girl and a boy. The boy being diligent and intellectual. They both appear for a University entrance exam and vie for a seat. The boy scores better. But if the reservation laws are enacted, the boy would be denied admission, something which is discriminatory, unjust and unequitable.

Reservations kill the underlying competitive spirit. Besides, reserving a third of seats at national and state legislatures does not significantly guarantee that India will change its attitude towards women. It is a fallacy to believe that women legislatures solve women's problems better; leaders like Pratibha Patil, Sonia Gandhi, Indira Gandhi and Sheila Dikshit have proved it. And the idea of free and fair election is for the electorate to choose who, in its combined opinion, the best person for the job is. Interfering with the course of free and fair elections seriously undermines democracy.

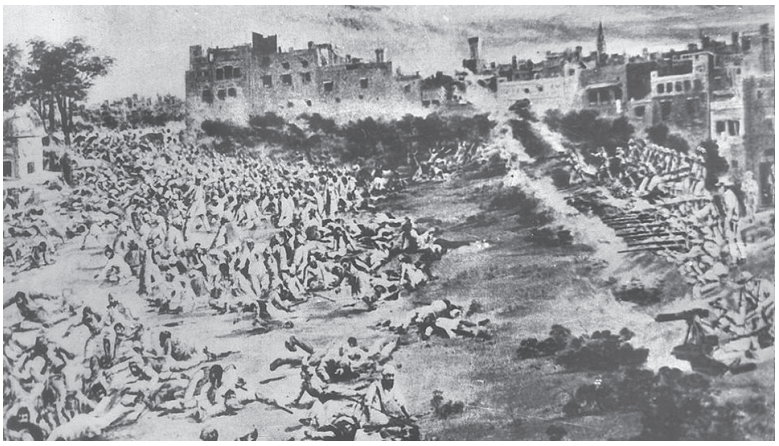
Moreover, the topic was never initiated by women. It was politically influenced. The politicians in India have engraved the wound to keep alive and breathing for their vote banks. In fact, the whole world knows that women in India are more strong-willed than women elsewhere, regardless of any walk of the profession or society. Here, it would not be inappropriate to mention that even the women leaders who are ahead of the March in favour of 'woman reservation' are also demonstration of political hunger and socialization in the society for their better prospects in politics. In India, the gender differences must be banned and consequentially the respectable women of India would be in a position to come into the mainstream of society.

As a matter of fact, Indian women have been politically empowered in the law since 26 January 1950. But economic and social empowerment has been elusive. Laws, rules and regulations sometimes introduced with the intention to protect them have only lead to their economic marginalization. For India to truly empower women, it does not need to have 'gender sensitive legislation' as Dr Manmohan Singh has proposed. It just needs to clean up the gender sensitivity in the existing body of legislation that distort the equality and undermine the empowerment that they already enjoy under the Indian constitution. After all, nothing can bar the uncompromising, iron-willed female soul from what it actually owns and deserves.

Jallianwala Bagh Massacre

Md Sami Alam (T.Y B.Sc. Zoology) and **NurjahanKhatun** (S.Y.B.Sc. -B)

Jallianwala Bagh Massacre, also called **Massacre of Amritsar** was an incident on April 13, 1919, in which British troops fired on a large crowd of unarmed Indians in an open space known as the Jallianwala Bagh in Amritsar in the Punjab region of India, killing several hundred people and wounding many hundreds more. It marked a turning point in India's modern history, in that it left a permanent scar on Indo-British relations and was the prelude to Mohandas Gandhi's full commitment to the cause of Indian nationalism and independence from Britain.



Centenary Year of a dark page in human history... A scar on humanity

❖ **Quick Facts about Jallianwala Bagh Massacre:-**

Place: Amritsar

Date: 13 April 1919, 5:30 p.m.

Target: Hindu, Muslim and Sikh religious and political gathering.

Type: Massacre

Deaths: 379–1000

Perpetrators: British Indian Army

❖ **Jallianwala Bagh Massacre - History:-**

Since the beginning of the World War I, there had been an increasing resentment and civil unrest throughout the country especially in the states of West Bengal and Punjab. It was due to the terrible repercussions of the war, like- inflation, heavy taxation, a huge number of dead and wounded soldiers that contributed immensely in uniting the nation against the British Rule. The worsening civil unrest led to the formation of Rowlatt Committee in 1919. The Rowlatt Act was a legislative act that allowed certain political cases to be tried without the presence of a jury and permitted internment of suspects without any trial. This is the time when Mahatma Gandhi came to light as a revolutionary. The Act resulted in furious protests throughout the country. The unrest became worst, especially in Punjab.

There were demonstrations held at the residence of Deputy Commissioner of Amritsar to demand the release of two popular leaders of the Indian Independence Movement- Satya Pal and Saifuddin Kitchlew. There were violent protests that resulted in the burning of the Town Hall and Railway station, disruption of telegraphs and communication system. It resulted in many deaths including a few deaths of the European government officials as well as civilians.

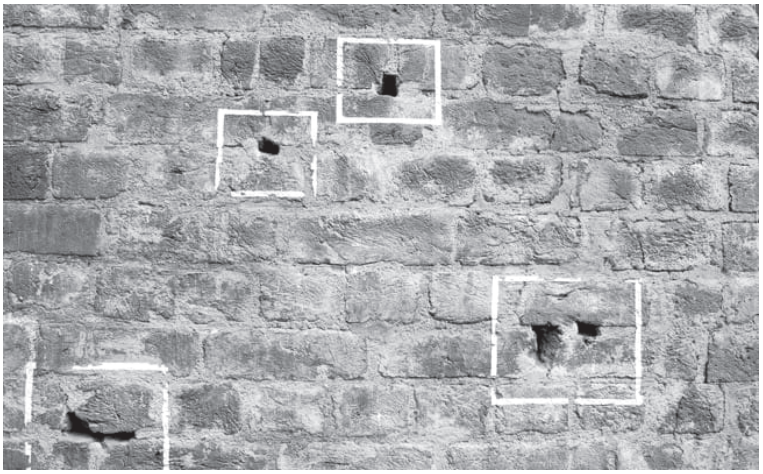
Due to all these activities, the city of Amritsar witnessed a few days of silence while other parts of Punjab suffered. The British Government thus decided to place most of Punjab under Martial Law. Restrictions were placed on the civil liberties that banned public gatherings and prohibited assembling of more people together.

➢ **What happened in Jallianwala Bagh in 1919?**

On 13 April 1919, thousands of people were gathered at Jallianwala Bagh in Amritsar, Punjab.

This day marks the beginning of New Year for the Sikhs and is also celebrated as Baisakhi festival all over Punjab. People travel days to reach Punjab on this auspicious day to celebrate Baisakhi with their family and loved ones.

On the morning of Baisakhi, Colonel Reginald Dyer had announced the implementation of a curfew throughout Amritsar and a ban on all processions that even prohibited a group of 4 or more people to meet publicly. At about 12:40 p.m., Dyer received confidential information about the meeting taking place at Jallianwala Bagh that may result in riots and protests. By mid-day, thousands of people were gathered at the Jallianwala Bagh including the devotees at Harmandir Sahib. JallianwalaBagh was covered on all sides by walls reaching up to 10 feet. It is equipped with narrow entrances, most of which were locked. The place was flocked by the devotees, traders, farmers and merchants who visited Amritsar to enjoy the festival and witness the Baisakhi horse and cattle fair. Sensing the number of people present there and the secret meeting that was going to take place at 4:30 p.m., General Dyer arrived there with armed troops.



The main entrance was also guarded by the armed troops. There were armoured cars accompanying the troops that were supposedly carrying machine guns and explosives. On Dyer's orders, there was ruthless firing done on the uninformed crowd.

There were about 25,000 people present there at the time of firing. Some tried to escape while some choose to jump in the solitude well built in the premises of Jallianwala Bagh. The troops were ordered to start shooting from the most densely crowded spot to harm the maximum number of people. This heinous act of violence resulted in extreme mass killing. The firing continued for about 10 minutes, and it only ceased when the ammunition supplies were almost exhausted. The scattered dead bodies could not even be moved due to the implemented curfew. Colonel Dyer reportedly carried out this firing not just to disperse the meeting, but to punish the Indians for disobeying their orders. In a telegram sent by British Lieutenant Governor of Punjab, Colonel Dyer's actions were supposed to be correct and approved by him. Further, the British Lieutenant even asked the Viceroy to implement martial law in Punjab.

➢ **How many people died in Jallianwala Bagh?**

The number of deaths caused due to the firing had been a disputed issue till now. While the official enquiry by the British informed about 379 deaths, the death toll was quoted to be around 1,000 by Congress. There were about 120 dead bodies recovered from the well also.

Keeping in mind the significance of this place in the history of India, a trust was founded in 1920 to build a memorial site at Jallianwala Bagh. American architect, Benjamin Polk, built the memorial on site which was inaugurated by the then President of India, Rajendra Prasad on 13 April 1961.

The monument and the adjoining buildings exhibit the bullet marks on their walls and depict the excruciating pain that the people suffered that day. The well that rescued numerous people from the bullets fired by the troops is also preserved in the compound of the park which is known as The Martyrs' Well.

This historical monument is visited by many tourists throughout the year to recollect the struggles faced by our ancestors to free India from the shackles of slavery. It is located near the renowned and glorious Golden Temple in the city of Amritsar, Punjab.

➢ **SOURCES :-**

- Internet
- Kenneth Pletcher

The Lord and General

Kshitij Malatpure (F.Y.B.A.)

"How long do you intend to enjoy this?" he asked, resting his weary head against a dead tree.

His army was cutting through the enemy's ranks, oblivious to their much revered leader's impending death. Though this did give his heart a sense of contentment, the discomfort of knowing that his life now rested in hands that were not his; swiftly removed any sense of peace he had attained.

The Lord of the opposing ranks sat on a rock beside him with his hands clasped calmly in front of him, his sword dug deep in the ground and his armour all bloodied. The General could not see his face, though he did know how he looked. He pushed that thought out, since pondering over it was a waste of time. He had moments, at best minutes, left of his life.

He tried again, "Look at my leg!"

"I am dying you old rat!" he shouted weakly, "Pull out your sword and jam it in my brains!"

The Lord look up calmly, as though he had only just realised that the General was there. Even then, he did not flinch. After a fair amount of silence the Lord finally spoke lowly, "You ask for the death of mercy?"

"Yes," spat the general.

"You do not deserve it," he said simply, "Give me one good reason to grant you a merciful death."

The General worked his mouth uselessly; as vile creature that he was, from the eyes of morality, he definitely did not deserve it. The innocent lives that he had taken in his years of service, the children he had murdered, the women he had defiled, did he truly deserve a peaceful death? He had to try, at the very least.

"Because…because I'm a human," he groaned, turning his head to look at his enemy. Ironically enough, he looked more like a white corpse than a human being. The blood that had been flowing through his splintered leg had slowed down now to a few drops every moment.

"Are you?" a cold voice asked from the inside of the silver helm. He titled his head as though regarding an oddity at the end of his shoe.

"Y-yes," sighed the general, trying to keep his vision from swimming.

"Do you really think that being flesh and blood and bone and sinew is enough to justify yourself as human? Does it really erase the past, all the atrocities that you committed with a mere swift stroke of your hand *only* because you are here in flesh and blood?"

The General chuckled to himself, slowly building into a fit of maddening laughter. His pain vanished, until the hysteria evaporated.

"If we go by this logic, how human are you, good sir?" sneered the General, "I merely followed the orders of my King when I did what I did and you have the audacity to question my humanity, my…morality?"

The leader stayed still, head cocked. The silence was deafening and the general took it as an invitation to fill the silence with more words.

"You single-handedly toppled thousands of Kingdoms, orphaned entire armies and destroyed thousands of cultures with their histories, their Gods, and all the knowledge that they had without a single thought! Or is that all forgiven?"

The Lord remained silent, a statue. Voices and cries of the defeated rang out across the battlefield.

"What the animals do, they do because they don't know any better," he muttered to himself, "I did know better…when I was young, at least. I made a choice, you see. I made a choice of blindly following my liege, without questioning him. I chose loyalty to a cause."

"That choice," murmured the general, meeting the leader's gaze once again, "that choice is what makes me human enough to deserve this mercy."

All remained silent. His words carried away into the air like his life slowly seeped from him. Even the sound of battle dimmed. There was an earthy grinding as the sword dug deeper into the ground. The lord gripped the pommel, his armoured fingers coiling around the handle. Slowly, deliberately the leader stood up. He stared at the battlefield for a fleeting moment, considering his words, before he

said, "You were better at the fight than I ever was. If it hadn't been the cannonball, you probably would have defeated me. Farewell."

With that he turned around, walking away from the war he had lost. From the army he had led to an inevitable massacre.

"Stop! GAH!" the pain was becoming unbearable for the General.

"Was my argument not good enough for you? Do you still think I don't count as a human?" he asked with a fleeting hope of a clean death. "A swift stroke! Please!" desperation seeping into his voice.

The sunlight gleamed on the silver helm of the defeated lord. The red feather on his helm fluttered with the shallow wind that blew across the battlefield.

He turned his head slightly, hand resting on his sheathed sword, "You present a fair point. You then call for a swift death. Tell me this, General, how fair does this sound to you?

Thousands of those who groan down there, begging for help, and some, like you, begging for death, get neither. Then out of all those begging for death, you'll be the one who gets that treatment. How *fair* is that?"

The General grew frustrated, for he had no answer to this. The pain suddenly overwhelmed him and his patience for that man had worn off.

"It seems like you don't have an answer," the leader continued, "But don't fret now. One way or another, you'll come to me."

The wind blew harder and heavier. The General, drained of all the patience, took the biggest rock his palm could hold and threw it with his quickly failing strength, "Stop, you old bastard! Kill me! Kill me! It takes one swift stroke. KILL ME!"

He shouted like a mad man until he grew hoarse. The rock fell pathetically. He ignored the toppled helm that sat below, and the empty armour that disappeared into the lengthening shadows of the sunset.

He kept shouting for a long while, before the darkness crept into his eyes. And then, a bright spot.

Diving

Gayatri Palande (T.Y.B.A.-B)

There are times when you feel as if you're in discord with the world. As though you are a mere observer, looking at people hurrying by while you are stuck in time; walking through molasses.



Drowning feels the same.

You are sinking slowly as water fills your lungs. The pressure is surreal as you struggle to keep your eyes open. To soak in the beauty of the water. To stare at the sunlight filtering through the liquid, giving it an otherworldly aura. You see the shadow of your boat floating on the surface, looking so innocent and harmless.

It was the boat's fault. It led you here, across the crystal clear lake, where you spotted it. A treasure like no other. The largest freshwater pearl you'd ever laid your eyes on.

Greed is a wily temptress. It seduces you, it makes you discard your common sense. It fills you up till there is nothing but recklessness that fuel you.

You dove into what you thought were fairly shallow waters. As you got closer, you started noticing things. Bones. Human bones. Perfectly preserved.

You knew you should have turned back that instant, but recklessness and greed held you firmly in their grasp. You kept on diving, no regard for the loss of breath or life. The beauty of the pearl too alluring to allow focus on anything else.



You still fall down this deceptively deep, clear abyss to join your fallen brethren, to participate in the eternal struggle for the gem that robbed us of our breaths.

The power of Love - A monologue

Hitesh Yele (M.A. - Part I)

Now a days, I see that you younger people are not enough sensitive towards the finer emotions of life. I do agree that sometimes, there are moments in life when we find ourselves on difficult grounds with our lovers but always remember, the choices that we make on such crucial moments can define the rest of our life !

Let me tell you a story from my life, child. I guess only then you will realize what you are on the verge of losing here !

Some people say that love is the highest emotion in human beings. I had no idea or any understanding to such a state of mind and I never believed that it was true. I thought people were exaggerating about love.

I had always been a cold and closed person at heart. I would even hate seeing happy faces of people around and would think that they are fools who did not realized the true face and harsh realities of life !

I never thought that I will ever be proved wrong with my perception of life. However finally, the day arrived, when my life turned upside down ! The arrival of this special person in my life touched me very deeply. I connected with her differently than everybody else around. I don't know what was happening. I was drawn more and more towards this heavenly soul. There was a sudden surge of feelings when she would pass by. And I, in return would not be able to stop myself and simply follow her scent. But then she would disappear somewhere and I would keep searching her all around. My mind was not obeying me at all and I would give in to it happily without any resistance. Suddenly, life was getting beautiful !

One day, she saw me and passed me a glance with a slight smile ; and at that instant, I felt triumphant ! Getting known by her was something I always wanted. That day, I was something else, people around me noticed the strangeness in my behaviour. I was smiling the whole day ! People around me were never used to this unusual sight ! Some even suggested me to go and visit a doctor ; and I had simply laughed at that remark ! People were astonished to see such an ease of behaviour in such a complex person like me.

In coming days, I slowly got more acquainted with her. Now she knew me more. I think she could sense my insecurity around her. I would get conscious, would stammer , get tensed and she would simply laugh at my awkwardness. The best thing was that, she never minded all this or judged me. I guess she enjoyed my weird company. Maybe it was the first time she had ever met with such a strange person in her life. She was completely opposite to me. She was everything that I lacked and perhaps that was the reason I was drawn towards her so much.

I learnt from her that her dad was an IAS officer and she had recently moved in to this place near my house. As she was new to this place, she had no one around to give her a good company. I saw it as a great opportunity to get closer to her. In the matter of a few days we were close friends. She was never annoyed or bored of my melancholic nature ; and slowly, even I got evolved in her magical presence. My rigid behaviour got eased out. As if some burden was lifted off me. I started getting more productive with my time. My pessimistic and depressing outlook was gradually shifting. I wanted to be pleasant and cheerful, enjoyable and humorous around her. This developed an urge of creativity and liveliness in me which transformed me as a person in a very short span of time. Her presence had a huge impact on my otherwise mundane life. Everything was going very well until one day, when she had to pack her bags and leave for a different city due to a sudden transfer of her dad.

Thus, the dream life was over ! My heart broke and the old life with its sulleness returned. She was a breeze of fresh air in my life which was gone now! Remembering her innocent face, immersive eyes and jubilant smile still makes me joyful ! Such was her impact on me ! She taught me that the real art of living is through loving. Wish I could tell her how much I loved her and valued her

presence. But unfortunately, that could never happen.

Now, I am left with only regrets and sweet memories of her !

So, that is the reason I tell you my little friend , never let go off any person from your life who has a deep impact on you. So don't let her go away from you. Apologize her and get her back. Because once she is gone, only then you will realise what precious gift of god you have given away. So go, find her and don't return until you win her love back again!



DISTANCE MEANS NOTHING WHEN SOMEONE MEANS EVERYTHING

The Right of a Girl

I know that you love me,
I know you'll help me to grow,
I know I'll not get a moment of
Sadness or sorrow
I know you advise me for my good.
I know you are there for me.
But I want you to try
and leave my hand and see,
Just see how I will find my
way and rise up to speak
and you will be proud of me.
And you are only the one who will
understand me.
Just try and see, Just see
How up I will be
like a shining sea.

- Shraddha Sawant (12th)

The Line is Drawn

Divided,
A line is drawn,
No matter if it is by the one side or the other,
Or something, or someone else entirely,
The line is drawn.
And the two extremes divided.
Divided in a very specific manner,
So either kind can never interact,
Nor can they act on what they feel
What they wish
What they want to see
When they see the world around them.
The two extremes divided,
Not because they were meant to be divided,
But because those who did it, fear,
The possibility of something beyond the binary,
The possibility of something that exists beyond
The norms they formed –
Ages ago.
The Yang separated from the Yin,
The black, separated from the white,
The left, separated from the right.
And the wrongs and the rights,
Let us not even speak of them.
All these divisions,
So clear and precise,
Hailed as something divine,
Yet shadowed and muddled with doubts and –
Unclear Intentions all around.
No questions must be asked,
No hand should go across,
For it's the purest form of theocracy,
Hidden under the veil of democracy.
But I'm not the kind that would bow.
I do not intend to question the laws
That have no answers at all.
No, I intend to pick up a pot,
Fill it with water,
Take a brush,
And take some foam,
And even if rocks are thrown
Or swords are drawn,
Or bullets shot.
I intend to stay strong,
Scrub the lines off,
Muddle the boundaries,
Fearlessly bring together
The separated two,
The way they were always supposed to be.
And if not,
If what stands for the lies
Stands strong,
Stronger than me, maybe,
I intend to die trying.
For in my clear conscience,
I cannot turn a blind eye to that which divides.

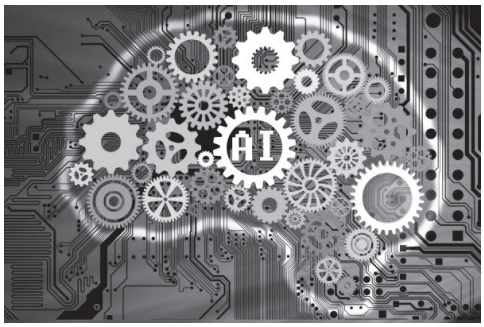
- Kshitij Malatpure (F.Y.B.A.)

Artificial Intelligence

Navnath Mahadev Shinde (S.Y.B.Sc. Computer Science)

Science is a continuously evolving field. There are many adventures of science in the field of technology some of which are for security while some of which are to make daily life of human beings more easy, that is to reduce the work.

Artificial intelligence is also an adventure and development of science. In computer science artificial intelligence is sometimes called as machine intelligence that means intelligence demonstrated by machine. Computer science defines AI research as study of intelligent agents. The term artificial intelligence is used to describe machines that mimic "**cognitive**" functions that associate with other human minds, such as "**learning**" and "**problem solving**".



AI is one of the best improvements and researches of science. Artificial intelligence is a technique in which machine does human work in a more easy and efficient way.

Examples of Artificial intelligence:

1) Photograph taken on mobile phone

2) Driverless vehicle

These are very common examples, some complex examples are **Kirin 970** which 64 bit octa-core high performance mobile, ARM LTE SoC introduced by HiSilocion in mid 2017 at the 2017 IFA. Scientists are looking forward AI to develop technology which can understand human feelings also. Virtual AI assistance like **AMY** help to fix meetings, Apple SIRI can answer basic questions, Diamond helps you to manage your emails.

But tragedy with the AI is that they are unable to make decisions beyond precisely what they are programmed to do. This is why right now AI can be called as **weak AI or Artificial Narrow Intelligence (ANI)**. It is limited to a single task and is not self aware. Nowadays , experts are trying towards creation of **Artificial General Inteligence (AGI)**. AGI that will be able to reason, plan and handle complex concepts and then **Artificial Super Intelligence (ASI)**. ASI will be able to think at a scale having speed of one human brain. Both AGI and ASI will be theoretically at least creative and social.

The meaning of Artificial Intelligence for learning and problem solving has quite changed now because machines are now capable to do anything, so the word intelligence has reduced its meaning, this is called **AI effect.**

Traditional goals of AI:

1) Reasoning

2) Knowledge representation

3) Planning

4) Natural language processing

5) Perception

6) Ability to move object.

Approaches of AI:

1) Statistical method

2) Computational intelligence

3) Traditional symbolic AI.

Tools used in AI:

1) Versions of search

2) Versions of artificial neural network

3) Method based on statistics

4) Probability and economics

Application fields of AI:

1) Computer science

2) Information engineering

3) Mathematics

4) Philosophy

5) Linguistics

Food for Thought ...

- *We must always have old memories and young hopes* – A.Houssay
- *Many receive advice, only the wise profit by it* – Syrus
- *Youngsters tend to live as if adolescence were a last fling at life, rather than a preparation of it* – Time
- *Greatness lies not in being strong but in the right use of strength* – Henry Ward Beecher
- *Problems are only opportunities in work clothes* – Henry J.Kaiser

- *If each would sweep before his own door, we should have a clean city.*
- *Let not your tongue cut your throat.*
- *The great hope of society is individual character.*

Source : ***Brain-Vita-6*** *by P.R.Mundale, Kamini Creations, 2011*

Deutsche Witze (German Jokes)

☺ Friseur zum Kunden : Ihre Haare werden grau.
Kunde : Kein Wunder,wenn Sie so lange brauchen, um sie zu schneiden.

☺ Berni fragt seinen Vater : Was macht ein Fussballspieler, wenn er nicht mehr gut aussieht?
Sein Vater antwortet : Er wird Schiedsrichter.

- **Shruti Ambapkar**
(S.Y.B.A German Special)

☺ Im Büro
Angestellter : „Chef, darf ich heute zwei Stunden früher Schluss machen? Meine Frau will mit mir einkaufen gehen."
Chef : "Kommt gar nicht in Frage !"
Angestellte : „Vielen Dank Chef, ich wusste Sie würden mich nicht im Stich lassen !"

- **Sanika Sohoni**
(T.Y.B.A German General)

Elfchen (Poetry)

Engel
gütig schön
beraten, helfen, lieben
ernähren, schlagen, hören, verwöhnen
Mutter

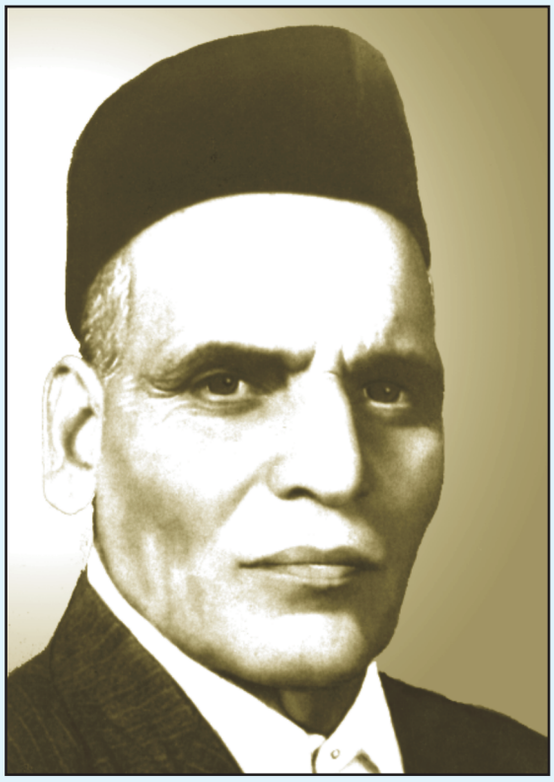
- **Shailesh Rawat** (T.Y.B.A. German General)

To grow up

Childhood was the one
where we had all the fun ;
We read stories at night
and played under the sun ;
We didn't care to walk
but always chose to run ;
We had lots of laughter
and problems were none ,
But then this game
of growing up begun ;
Where joy was at zero
and worries were at one ;
Where time was the referee
That always made us run ;
Where we won discipline
But at the cost of fun .
Now that we have grown up
We let our childhood down ;
Who once taught us to dream
We tamed that inner clown ;
We are worried about success
We all chase the false crown ;
Now that we have grown up
What is life but a mere noun ?

- Dishant Arvind Mistry
(S.Y. B.Sc. Animation)

GO TO INDEX



The Pioneer and Visionary

Late Shri. Shankarrao Kanitkar

Founder
Progressive Education Society
Pune - 5.

Late Shri. Vishnu T. Tatke

Founder Member
P.E.S.
Modern College of
Arts, Science and Commerce,
Pune - 5.



The Visionary and Missionary

Special Moments



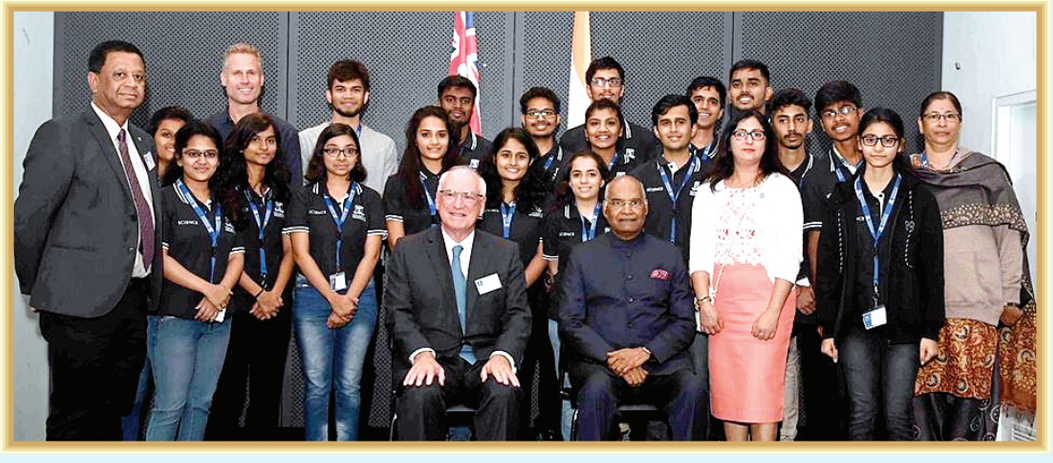
Felicitation of Educationist Honourable
Prof. Dr. Gajanan Ekbote
(Chairman, Progressive Education Society, Pune)
ASPIRE Lifetime Achievement Award - 2019



Rotary Leadership Excellence Award :
Felicitation of
Hon'ble Principal Dr. R. S. Zunjarrao
at the hands of
Padmashri Lila Poonawala
in presence of Mr. Deepak Shikarpur
and Dr. A. K. Pande



CDT. Akshata Pardeshi in the All India
Republic Day Camp at New Delhi
with
Hon'ble Prime Minister Narendra Modi and
Hon'ble Ministers



B.Sc. Blended students
meeting with
Honorable
President of India
Mr. Ramnath Kovind
at Melbourne, Australia

Our Inspiration



Message

The Progressive Education Society's Modern College of Arts, Science & Commerce (Autonomous), Shivajinagar, Pune-5, the first senior college of Progressive Education Society was established in the year 1970 with the aim to impart quality education to the young minds. This institution was 'a-dream-come-true' for the two visionary educationists, the founders of Progressive Education Society- namely, Late Shankarraoji Kanitkar and Late Vishnu T. Tatke. Witnessing the grand success of this institution, I feel that this college has achieved a benchmark in higher education, and it will keep on achieving further milestones in future. Technological progress in the last few decades has helped to breach national barriers and create a global marketplace. Our objective is to develop confidence, self-motivation, research and problem solving skill sets and imbibe value education among our students. We give top priority to discipline and knowledge and the application of the same for societal upliftment and progress.

The Progressive Education Society's Modern College of Arts, Science & Commerce, Pune-5 a renowned institute in Maharashtra, has received several accolades in the field of education like NAAC Committee's 'A+' Grade accreditation, College with Potential for Excellence Phase II from 2017 to 2022, DST-FIST Scheme by Department of Science and Technology, Govt. of India, from 2019-2023 and B.Voc. Scheme by UGC, New Delhi. The College is recipient of National Award for “Best Accessible Website” by Ministry of Social Justice and Empowerment. Progressive Education Society organized 'JUBILATIONS in the month of August 2017 on account of scoring good NAAC grades by Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5 and other colleges run by the society.

In this academic year the college organized one international conference on Astrobiology, one national seminar on ICT Based Use of Technology in Education and one state level seminar. It was held under the Savitribai Phule Pune University's Quality Improvement Program which received an

excellent response. There has been an overwhelming response from students for the newly introduced Degree-Diploma courses such as B.B.B. (C.A), B.B.A. (I.B.), M.Com (e-Commerce) B.C.A. (Science), B.Sc. (Blended) and PGDFT.

The number of students enrolled during the academic year 2018–2019 are more than 11500, and it's a matter of pride that there were 60 International students admitted in that year. Online admission process is implemented for all courses by the college. The college established use of ICT in administration and the teaching-learning process. A 'Digital Record Room' and 'Digital Library' were established to benefit student services.

This college had organized various academic, co-curricular and extra-curricular activities during this academic year 2018-2019. Along with academics, research, co-curricular achievements, college has crossed landmarks in Social work as well. Paddy plantation, socio-economic survey of neighborhood community, guidance sessions for blind students etc. are remarkable activities of the college NSS unit. The grand achievement of the college is being awarded “Best College Award in Sports” by Savitribai Phule Pune University consecutively for the fourth time.

I also understand the need for the students to feel at home in the college environment. Both the teaching fraternity and the management team are amicable, but discipline oriented. All amenities like Computer Labs with internet facility, library and laboratories, etc. function in full swing to make the students perform well.

This college is a jewel in the Progressive Education Society's Crown. It is considered as an 'Asset' of the Savitribai Phule Pune University. As the teaching and non-teaching staff is inspired to achieve great heights, this college has a bright future. I congratulate Principal 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' & 'Progressive' always.

The Vice-Principals Prof. S. S. Deshmukh, Dr. P. G. Dixit, Dr. A. S. Oke, Prof. S. R. Chaudhari, Dr. A. V. Kamble, Dr. M. D. Alandikar and Prof. Sunil Doiphode have been ably 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, Shivajinagar, Pune-5.

I give credit for all these commendable achievements to the leader of “Team Modern” Principal Dr. Rajendra Zunjarrao and College Development Committee, Local Managing Committee of this college. This college is monitored by senior educationists Prof. P. S. Chirputkar, Prof. Dr. A. K. Pande, Chairperson of College Development Committee, Prof. Mrs. J. G. Ekbote. I congratulate the Principal, all CDC Members, the staff members and students of this “BEST” College for their achievements. I also appreciate the sincere efforts of the editorial board for publishing this annual magazine 'MODERN' for the academic year 2018-19.

With best regards,

Prof. Dr. Gajanan R. Ekbote

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

Chairman,

Business Council,

P.E.Society, Shivajinagar, Pune-5.

From the Principal's Desk



I am very happy to share my feelings at the conclusion of academic year 2018-19. This academic year was also full of academic, co-curricular and extracurricular activities. After achievement of Grade A+ from NAAC, Bangalore, last year, we are enhancing quality of education at various fronts. The college is awarded 'College with Potential for Excellence, Award by UGC, New Delhi, for second phase for the duration 2017-2022, with a funding of Rs. 1.5 Crores, after successful implementation of first phase of CPE, DST FIST Scheme by Department of Science and Technology, Govt. of India, from 2019-2023 and B.Voc. Scheme by UGC, New Delhi. The College is recipient of National Award for “Best Accessible Website” by Ministry of Social Justice and Empowerment.

The student strength of our college has reached to 11,500 which includes 60 international students. We have implemented online admission process for all classes from last year and would also be providing e-payment facilities in coming years. The library is enhanced by modern facilities like Web OPAC accessing e-books, staff studies section, library e-bulletin, Reprographic facility and the library is under CCTV surveillance. In addition for security purpose, department wise CCTV surveillance is also provided in many departments. We have enhanced use of ICT facilities in teaching, learning and administration. The IQAC plays major role for academic and administrative activities. The number of visually challenged students on the campus has been increasing every year. Currently, 36 visually challenged students are

studying in our college. Our college has installed an audio notice board (ANB) for these visually challenged students.

We are proud of our Department of Physical Education, for their efforts resulting in being awarded “Best College Award in Sports” by Savitribai Phule Pune University for fourth time consecutively.

The college has maintained the tradition of successful organization of one International Conference, one National Conference and two State level conferences in this year also. Number of seminars, lecture series, exhibitions were also organised by various departments for enhancing quality of teaching, research and skill development among the students. This year we have conducted fourth 'Vyapar Mela (Trade fair)' to enhance entrepreneurship skills among students. Our students also have obtained excellent results in Purushottam Karandak, Firodia Karandak and number of cultural competitions and have won several prizes. Progressive Education Society had organised “Sports Week” for the employees. NSS and NCC also showed excellence on all fronts.

Members of the teaching staff have been striving hard to reach higher academic standards without compromising with their teaching assignments and routine college activities. Post Graduate Research Centres in Economics, Marathi, Commerce, Electronic Science and also Dept. of Psychology are publishing ISSN numbered research journals.

I would like to thank authorities of Progressive Education Society, particularly Hon'ble Prof. Dr. G. R. Ekbote, Chairman, Business Council, P. E. Society, for the valuable guidance and continuous encouragement. We are confident that through his able guidance, our college along with other colleges and schools of Progressive Education Society will continue progressing in all possible ways.

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

I am indeed very satisfied and happy to note that the Magazine Committee has been very innovative and it has once again taken painstaking efforts and ensured that further improved quality magazine is ready in the given time limit. I congratulate the Chairperson Prof. Narendra M. Naidu, Advisor of magazine committee Vice-Principal Prof. S. R. Chaudhari, Incharge Vice-Principal Dr. Amruta Oke and all the members of Annual Magazine Committee for their innovative efforts and quality work.

Dr. Rajendra S. Zunjarrao
Principal

प्रशासनातील आधारस्तंभ



मा. प्रा. डॉ. गजानन एकबोटे

कार्याध्यक्ष,

प्रोग्रेसिव्ह एज्युकेशन सोसायटी



मा.प्रा.शामकांत देशमुख
कार्यवाह, प्रो.ए.सो.
उपप्राचार्य



मा.प्रा.डॉ.राजेंद्र झुंजारराव
प्राचार्य



मा.प्रा.प.स. चिरपुटकर
उपाध्यक्ष, प्रो.ए.सो.
अध्यक्ष,
स्थानिक व्यवस्थापन समिती



मा.प्रा.डॉ.अ.के.पांडे
अध्यक्ष,
स्थानिक व्यवस्थापन समिती



मा.प्रा.ज्योत्स्ना एकबोटे
सहकार्यवाह, प्रो.ए.सो.
अध्यक्षा,
स्थानिक व्यवस्थापन समिती



मा.प्रा.डॉ.प्रकाश दीक्षित
उपकार्यवाह, प्रो.ए.सो.
उपप्राचार्य



मा.प्रा.अनंत गोसावी
इन्चार्ज,
बी.बी.ए.,बी.सी.ए.,एम.सी.ए.कॉमर्स



मा.डॉ.अमृता ओक
उपप्राचार्य



मा.प्रा.शरद चौधरी
उपप्राचार्य



मा.डॉ. अशोक कांबळे
उपप्राचार्य



मा.प्रा.मिलींद आळंदीकर
उपप्राचार्य



मा.प्रा. संजय ठेंगडी
समन्वयक प्रशासन



मा.प्रा.रवींद्र इंगोले
विशेष कर्तव्य अधिकारी
कनिष्ठ महाविद्यालय



मा.प्रा. सुनील डोईफोडे
उपप्राचार्य
कनिष्ठ महाविद्यालय



मा. प्रा. सुभाष कारेकर
पर्यवेक्षक
कनिष्ठ महाविद्यालय



मा.श्री. गणेश साठे
प्रबंधक

Glorious Moments



Felicitation of Dr. Shubhangi Puranik on University Foundation Day - **Best Student Development Officer Award, SPPU** at the hands of Hon'ble Pro-Vice Chancellor Dr. Umrani in presence of Principal Dr. R. S. Zunjarrao



Felicitation of Prof. Reeja Nair on PES Foundation Day - **Best Teacher Award** (Junior College) by Hon'ble Vignahari Maharaj Dev, Vice-Chairman P.E.S. and Hon'ble Gajanan R. Ekbote, Chairman P.E.S.



Felicitation of Dr. Shubhangi Puranik on PES Foundation Day - **Best Teacher Award** (Senior College) by Hon'ble Vignahari Maharaj Dev, Vice-Chairman P.E.S. and Hon'ble Gajanan R. Ekbote, Chairman P.E.S.

Congratulations



Prof. Dr. Gajanan R. Ekbote
Aspire Lifetime Achievement Award



Prof. Jyotsna G. Ekbote
Corporator PMC, Elected as President of Women and Child Welfare Committee PMC



Prof. Ravindra Ingole
Appointed as
Officer on Special Duty



Prof. Sunil Doiphode
Appointed as Vice-Principal
Junior College



Prof. Subhash Karekar
Appointed as Supervisor
Junior College



Prof. Anjali Sardesai
Appointed as Head
Department of Animation



Dr. Ashok V. Kamble
Elected as Faculty Member
SPPU in Business Administration



Dr. Raghunath W. Kulkarni
Nominated as Member,
BOS, Cost Accounting, SPPU



Dr. Vijay Gaikwad
Elected as Faculty Member
in the Subject - Marketing SPPU



Dr. Shubhangi Puranik
Best Student Development
Officer- Award by SPPU



Prof. Walmik Wagh
Qualified NET - Economics
Appointed as P.O. - NSS Junior



Prof. Sucheta Jadhav
Appointed as
P.O. - NSS Junior



Prof. Shilpa Dange
Awarded Ph.D.
Computer Science



Prof. Shradha Sakatkar
Awarded Ph.D. Psychology
SNDT Women's University, Pune.



Prof. Ajit Masurkar
Qualified JRF (NET)-UGC



Prof. Aniket Phadtare
Qualified JRF (NET)-UGC



Prof. Shubham Daphale
Qualified GATE 2019



Rohan Salunke
Std. XI Sci.
Best Student JR wing



Ruchika More
T.Y.B.Sc. Maths
Best Student Sr. Wing



Deveshri Sonar
M.Sc Micro
Best Student PG wing

WE THE STAFF

Office Bearers





Office Staff

Office Staff





Library and
Gymkhana
Teaching
and
Non Teaching
Staff

WE THE STAFF

Senior and
PG wing -
Arts Faculty





Science
Faculty

Senior and
PG wing -
Mathematics
Physics
Electronics

Science
Faculty

Senior and
PG wing -
Chemistry
Botany
Zoology





Science
Faculty

Senior and
PG wing -
Computer Science
Statistics
Animation
Fashion
Technology

WE THE STAFF

Science Faculty

Senior and PG wing - Biotechnology Microbiology





Commerce Faculty

Senior and P.G. Wing

Junior College





Junior College

WE THE STAFF

Internal Quality Assurance Cell (IQAC)





Editorial Board - College Annual Magazine

Avishkar Team





International Students

WE THE STAFF

Non Grant
Junior College





Non Teaching
Staff

Non Teaching
Staff





Non Teaching
Staff

NCC



CDT. Akshata Pardeshi in the Republic Day Parade at New Delhi



Tree Plantation Varje Malwadi - MLA Vandana Chavan



NCC Day Celebration



NCC Day



NCC Day



CDT Abhishek Waghmare, CDT Pushpendra Singh Pal,
CDT Aakash Pacherkar, CDT Ved Kanoijia
Swasth Bharat Abhiyan - CYCLOTHON, Pune to Shirur 2019.



Polio Campaign



NCC Alumni Meet

NCC



CC Anurag Kulkarni
Best Performance
IGC Republic Day Camp



PO Devika Saraf
AINSC and
Naval attachment Camp



Cdt Akshta Pardeshi -
All India
Republic Day Camp



Ldg Cdt Prasad Dubley -
BLC



Ldg Cdt Atish Kamble -
Scuba Diving camp
Yatching Camp



CDT Shreenath Kute
SCUBA Diving
Camp 2018 (Mumbai)



Ldg Cdt Mayuri Kesarkar
All India Ek Bharat
Swatch Bharat Camp



CDT Shraddha Ahir
All India Ek Bharat
Swatch Bharat Camp



Cdt Avdhoot Kumbhar -
Best Cadet 2018-19



CDT Jotshna Tripathi
EBSB 2 2019
(Kerala)



CDT Salma H. Inamdar
TSC (IGC)-2018
(Ahmednagar)



CDT Pushpendra Singh Pal
All India Thal
Sainik Camp 2018
(DG NCC, Delhi)



CSM Bhiva Madne
EBSB 1 2018
(Aurangabad)



CPL Radheshyam Ambhure
Rockclimbing Camp 2019
(Gwalior,MP)



Ganesh raut
All India
Nau Sainik Camp



JUO Aamod Prabodh Kale
All India Malvankar
Shooting Camp 2018

Art Circle



Art Circle - Inauguration by Actress Sharvari Lohkare



Art Circle - Felicitation of Actress Sharvari Lohkare by Principal Dr. Zunjarrao



Art Circle - Actress Sharvari Lohkare and Art Circle Volunteers



One day Workshop on Literature Poetry and Music

Institutional Social Responsibility - ISR



ISR Activity with Rotary Club : Hygiene Related Item Distribution in Veer Netaji Palkar Vidyalaya, Shivajinagar



ISR : Financial Assitance for Blind Students by HELP THE BLIND FOUNDATION, Chennai



International Disability Day - Distribution of Voters ID by Police Inspector Mr. Waghmole and Prof. Ingole



Old Clothes Collection Drive in collaboration with Rotary Club, Shivajinagar

NSS (Junior and Senior)



NSS (Junior) - A visit to Central Bee Research Institute



NSS (Senior) - Road Safety Awareness Programme



NSS (Junior) - Oath on Cleanliness



NSS (Senior) - Volunteers during Wari



NSS (Junior) - Visit to Bharatratna Atal Bihari Vajpayee International School at Wablewadi



NSS (Senior) - Tree Plantation



NSS (Junior) - Shramadaan during Special Camp



NSS (Senior) - Shramadaan during Special Camp

Beyond Curriculum



हिंदी दिवस समारोह में अन्तर्विभागीय हिंदी विज्ञापन प्रतियोगिता का पुरस्कार वितरण



हिंदी दिवस समारोह में राज्यस्तरीय हिंदी निबंध प्रतियोगिता का पुरस्कार वितरण



Ms. Sneha Mahajan handing over certificate of completion of the German A1 Course



German - Interactive session with students from LMU, Munich



संस्कृतदिनसमारोह:



संस्कृतदिनसमारोह:



मराठी विभाग – अभ्यास सहल – भांडारकर प्राच्यविद्या संस्था



मराठी विभाग – व्यापार मेळा

Beyond Curriculum



Study Visit to SAA - TYBA students of Psychology Department



Counselling Camp- Psychology Department



Economics - Digital Currency Museum Contributors



Commerce - Principal's speech at Mobile Repair Course



Economics - Eco Fest



Commerce - Practical session by Mr. Raju Late



Economics - Vyapar Mela First Prize Winners



Centre for Innovations in TLE Dr. Manisha Sane introducing Guest Speaker Dr. Anita Dani

Beyond Curriculum



Fashion Technology - Industrial Visit to Kagal



Fashion Technology - Annual Exhibition -
World Costumes Live Model



B. Com. Non Grant - EVS Exhibition for S.Y.B.Com. students



B.B.A. - Social Week 2019 - Guest Dr. Shrikant Gabale



B. Com. Non Grant - Industrial visit organised
to Volkswagen



Avinash Kumbhare (F.Y.B.B.A.) won
National level Gold Medal in Kick Boxing



B. Com. Non Grant - NIRMALYA SANKALAN during Ganesh festival.



B.B.A. - Mrunal Sawant (F.Y. B.B.A.)
won National level Bronze Medal in Kayaki

Beyond Curriculum



Physics - Project Exhibition



Physics - Project Competition - Prize Distribution



Visit of M.Sc. I Zoology students to ZSI, Akurdi



Zoology - Departmental Trip to Shivneri Fort



Electronic Science - Two Days workshop on Robot for UG students



Electronic Science - Ms.Prajakta Sawant, Dr. R.M. Jagtap at State Level AVISHKAR Team of SPPU



Computer Science - Kartikeya Rindani Scholarship Programme



Workshop on Reframing of
BCA (Science) and M.Sc. (Computer Application) Syllabus

Beyond Curriculum



F.Y. and S.Y.B.Sc Biotechnology visit to Paraplegic Rehab Centre



Poster competition in Biotech Fest 2019



Geography - Inauguration of Vasundhara Fest



Geography - Valedictory Ceremony of Vasundhara Fest



Statistics - CYTEL Scholarship holders



Statistics - Winners of T. Y. B. Sc. Project Competition



Library - Annabhau Sathe Jayanti



Library - Savitribai Phule Jayanti

Beyond Curriculum



Political Science. Mock parliament. Chairman of H.V. Desai College conferring award to our students



Inauguration of Science Association: Felicitation of Chief Guest, Dr. Anil Lachke, Deputy Director, NCL, Pune



Political Science - Democratia. Principal speaking with students



Felicitation of Dr. Shailaja Deshpande at the hands of Hon. Principal Dr. R. S. Zunjarrao



Political Science - Mock Parliament of students



Hands on training workshop for undergraduate students



Dr. R. S. Zunjarrao, Principal, interacting with the participants during the Annual Poster Exibition- 'Comidor'.



Dr. Mrunal Dhongade delivering a lecture on Careers in Languages.

Beyond Curriculum



Annual Prize Distribution : Overview of the programme by Chairperson Dr. Manisha Sane



Awarding trophy to Deveshri Sonar - PG Best Student



Annual Prize Distribution : Address by Chief Guest Dr. Mukund Sangoram



Awarding trophy to Ruchika More - Senior Best Student



Annual Prize Distribution : Awarding prize to Meritorious student



Awarding trophy to Rohan Salunke - Junior Best Student



Dr. Babasaheb Ambedkar Jayanti - 14 Taas Abhyas Abhiyan



Alumni Meet T.Y.B.Sc. Batches 2002-03 and 2003-04

Beyond Curriculum



Principal Dr. R. S. Zunjarrao addressing the students during Mathestics 2019



Teachers addressing the students during Mathestics



Botany-Gold medal for photography- Intercollegiate Competition Botanica Likhit Pudke



Botany- Gold medal for poster - Intercollegiate Competition Botanica-Mayuri Kalngan and Aishwarya Mulik



Felicitation of Honourable Jyotsana Ekbote on Marathi Din



Enthusiastic students of Junior College - Celebration of Marathi Din



Felicitation of Nikita S. Bahirat [Std XII Comm]- GaDiMa Kavya Spardha - Fifth Prize, M K Sahitya Parishad



Felicitation of Ravindra N. Shinde, Elocution Competition, Third Prize, C. T. Bora, Shirur

Sports - Junior College

Our Proud Achievers



Ira Devkule - 12th
High jump - National - 1st
High Jump - State - 3rd
4*100 Relay - Dist - 2nd



Mohini Garad - 11th
Softball - National - 1st
Baseball - Zonal - 3rd
Teniquate - Dist - 2nd



Tamboli Alisabir - 12th
Triple Jump -
Inter National - part.



Vrushali Uttekar - 12th
3000m-Running - State - part.
1500m - Running - State - part.
Cross Country - State Asso.-3rd
Baseball - Zonal - 3rd
Softball - Zonal - 2nd
300mt - State - part.



Sakshi Pagnis - 12th
Long Jump - National - part.
100m Hurdles - National - part.
100m Running - State - part.
4*100 Relay - Dist - 2nd



Janhvi Suryawanshi - 12th
Baseball - Zonal - 3rd
Softball - Zonal - 2nd
Volleyball - Zonal - part.
Ball Badminton - Dist - 2nd
Shooting Ball - Dist - 2nd



Vaishnavi Kounchi - 12th
Ball Badminton-National-part.
Badminton - Dist - 3rd
Ball Badminton - Dist - 2nd



Shivani Gupta - 11th
Vushu-National-part.
Kick Boxing-State-Part.



Pratiksha Murkute - 11th
Baseball - State - 2nd
Softball - Zonal - 2nd
Teniquate - Dist - 2nd



Kimaya Ghatwal - 12th
200m Running-State-part.
Long Jump - State - part.
4*100 Relay - Dist - 2nd



Sakshi Gopale - 12th -
Teniquate-National-part.
Teniquate - Dist - 2nd



Sakshi Yerane - 12th
400m Hurdles - National - part.
4*100 Relay - Dist - 2nd



Gaikwad Aditi - 11th
Baseball - Zonal - 3rd
Softball - State - 2nd



Ankur Misal - 12th
Shooting (Pip) - National part.



Ishwari Dighe - 12th
Hatoda Fek -
National - part.



Kambale Sushrut - 12th
Netball - National - part.



Ritik Ahir - 12th
Blindfootball - National - part.



Saurabh Gabhale - 12th
Softball - National - part.



Tejas Karle - 11th
Hockey - National - Part.



Apurva Shinde - 12th
Mallakhamb - State - 3rd
Kusti - Zonal - 3rd



Rucha Pathak - 11th
Artistic Gymnastics -
State - 2nd

Sports - Junior College

Our Proud Achievers



Sakshi Vaman - 12th
Mallakhamb - State - 2nd



Ajay More - 12th
Hockey - State - Part.



Amit Patil - 12th
Hockey - State - Part.



Amrule Atharva - 11th
Hockey - State - Part.



Diksha Avaghade - 12th
Hockey - State - part.



Jit Thombaray - 11th
Hockey - State - Part.



Kartik Subhedar - 12th
Hockey - State - Part.



Pacharane Omkar - 12th
Hockey - State - Part.



Prajwal Kute - 11th
Hockey - State - Part.



Pranay Patil - 11th
Netball - State - part.



Prathmesh Khopatkar - 12th
Hockey - State - Part.



Pratik Bhosale - 11th
Hockey - State - Part.



Roshan Musale - 11th
Hockey - State - Part.



Sahil Pardeshi - 11th
Hockey - State - Part.



Sheelwant - 12th
Hockey - State - Part.



Shrungal Kulkarni - 12th
Teniquate - State - part.



Yogiraj Nikam - 12th
Hockey - State - Part.



Shreyash Mahajan - 12th
Hockey - State - Part.



Pratik Jadhav - 12th
Hockey - State - Part.



Prathmesh Khankar - 11th
Hockey - State - Part.

Our Proud Achievers - Sports Junior College

Interschool
Volleyball
Winner Team





Interschool
Hockey
Winner Team

Interschool
Volleyball
Runner up Team





Netball
Third Place
Zonal

Sports - Our Proud Achievers



Shwejal Makar FYBA (Swimming) Shivchatapati Award Winner
Receiving Prize from Ms. Vinod Tawade, Education minister
of Maharashtra.



Gymkhana day (Annual Sports Prize Distribution)
Chief Guest Mrs. Anjali Bhagwat,
Rajiv Gandhi khalratna and Arjun Awardee



Shwejal Makar FYBA (Swimming)
Shivchatapati Award Winner
Receiving Prize from Mrs. Anjali Bhagwat



Wasim Shaikh M. Com-I 'Progressive Shree &
amp; Modern Shree'
Best Physique competition 2018-19 Winner.



MIT World Peace University India's first Inter Collegiate
Teaching Staff Sports Runner-up



MIT World Peace University India's first Inter Collegiate
Teaching Staff Sports Throw ball Competition Winner Cricket
and Runner-up women's Competition team

Sports - Senior College

Our Proud Achievers



Monali Mansing Natu (MA I)
2nd Asian University women's Softball Championship
38th Asian Dragon Boat Championship, China



Mrunal Sawant (FYBBA)
All India Inter University K2- 200m, K1 1000m and K4-500m Bronze
38th Asian Dragon Boat Championship, China



Mansi Sawant (FYBA)
All India Inter University K2- 200m, Bronze Medal
38th Asian Dragon Boat Championship, China



Madhuri Labade (MA I)
All India Inter University Participation
2nd Asian women's softball Championship Participation, Indonesia



Mankar Shwejal
F.Y.B.A.
Swimming
Shiv Chhatrpati Award - Khelo India Silver Medal



Paras Patil
T.Y.B.SC. Comp. Sci.
Athletics
All India Inter University Hurdle - Silver



Abhishek Ubhe
F.Y.B.COM.
Athletics
Khelo India 2019 Hurdle - Bronze



Surabhi Vedpathak
T.Y.B.SC. Comp. Sci.
Athletics
All India Inter-University Hammer Throw



Benke Pranali
S.Y.B.SC.
Kho-Kho
Khelo India - Gold Medal



Afrin Shaikh
S.Y.B.A.
Kabaddi
Khelo India - Bronze



Wasim Shaikh
M.Com. I
Best Physique
Junior Mr. India, Silver Medal



Kashmira Shinde
F.Y.M.Com.
Cricket - West Zone Inter-University Gold Medal



Swapnil Gadade
F.Y.B.Com.
Softball
National Gold Medal



Tejas Magar
S.Y.B.A.
Kho-Kho
All India IU - Bronze Medal



Sagar Lengore
F.Y.B.A.
Kho-Kho
All India IU - Bronze Medal



Samiksha Kinikar
S.Y.B.A.
Volleyball
West Zone IU - Silver Medal



Priyadarshani Kokare
M.A. II
Volleyball
West Zone IU - Silver Medal



Pradnya Warekar
T.Y.B.A.
Volleyball
West Zone IU - Silver Medal



Prajakta Galande
F.Y.B.A.
Volleyball
West Zone IU - Silver Medal

Sports - Senior College

Our Proud Achievers



Aniket Gurav
T.Y.B.A.
Hockey
National Bronze



Venkatesh Kenche
F.Y.B.A.
Hockey
National Bronze



Ankita Sapate
S.Y.B.A.
Hockey
West Zone IU-Bronze



Bhavana Khade
S.Y.B.Com.
Hockey
National - Bronze



Diksha Patil
S.Y.B.B.A
Hockey
West Zone IU-Bronze



Ganesh Patil
T.Y.B.COM.
Hockey
West Zone IU-Bronze



Harish Sindagi
F.Y.B.COM.
Hockey
West Zone IU-Bronze



Pragati Banewar
S.Y.B.COM.
Hockey
West Zone IU-Bronze



Pranav Jadhav
F.Y.B.A.
Hockey
West Zone IU-Bronze



Radhika Wadkar
F.Y.B.B.A.
Hockey
West Zone IU-Bronze



Rahul Shinde
S.Y.B.A.
Hockey
West Zone IU-Bronze



Raies Mujawr
F.Y.B.A.
Hockey
West Zone IU-Bronze



Sarita Bhise
F.Y.B.A.
Hockey
West Zone IU-Bronze



Satish Patil
T.Y.B.A.
Hockey
West Zone IU-Bronze



Shradha Tiwari
F.Y.B.COM.
Hockey
West Zone IU-Bronze



Swati Jadhav
F.Y.B.A.
Hockey
West Zone IU-Bronze



Geeta Shinde
M.A.
Athletics
Krida Mahotsav



Nalini Patil
M.Sc. II
Handball
West Zone IU-Bronze



Arti Bhalerao
F.Y.B.SC. [Comp.]
Baseball, Softball
All India IU - Participation



Abhishek Khedkar
S.Y.B.Sc.
Netball
All India IU - Participation

Sports - Senior College

Our Proud Achievers



Dinesh Chavan
F.Y.B.A.
Ball Badminton
National



Disha Jadhav
M.Sc. - I Comp.
Shooting
World University Trials



Rajat Kadam
F.Y.B.A.
Table Tennis
All India IU - Participation



Katkar Vaidehi Kamlakar
F.Y.B.A.
Lawn Tennis
West Zone IU - Participation



Kavita Rathod
F.Y.B.COM.
Baseball, Softball
All India IU - Participation



Vishal Narwade
F.Y.B.A.
Swimming, Waterpolo
All India IU - Participation



Nikita Aage
F.Y.B.A.
Cricket
State - Participation



Pranav Wanare
T.Y.B.B.A.C.A.
Shooting
All India IU - Participation



Pushkarni Bhattad
F.Y.B.Com.
Carrom
National - Participation



Rajvaibhav Bangar
F.Y.B.COM.
Volleyball
All India IU - Participation



Virendra Khatmode
F.Y.B.COM.
Volleyball
All India IU - Participation



Rushikesh Desai
S.Y.B.A.
Baseball
All India IU - Participation



Sakalain Fakir
S.Y.B.COM.
Netball
All India IU - Participation



Samarjeet Singh
T.Y.B.A.
Squash Racket
All India IU - Participation



Samruddhi Mulay
F.Y.B.SC.
Softball
National Participation
State - Winner



Sanjivani Suryanvanshi
F.Y.B.A.
Baseball
All India IU - Participation



Shubham Kodag
F.Y.B.Sc.
Netball
All India IU - Participation



Solankar Pragati
T.Y.B.A.
Lawn Tennis
All India IU - Participation



Vaishnavi Chavan
F.Y.B.COM.
Baseball, Softball
State Silver Medal



Rutuja Jogdand
T.Y.B.COM.
Netball
All India IU - Participation

Our Proud Achievers

Inter collegiate Volleyball (M) tournament Winner team





Inter collegiate Volleyball (W) tournament Winner team

Inter collegiate Hockey (M) tournament Winner team





Inter collegiate Hockey (W) tournament Winner team

Our Proud Achievers



Inter collegiate Baseball (M) tournament Winner and Softball (M) tournament Runner up team



Inter collegiate Baseball (W) tournament Winner and Softball (W) tournament Runner up team



Inter collegiate Netball (M) tournament Winner team



Inter collegiate Netball (W) tournament Winner team

Our Proud Achievers

Inter collegiate
Cross country (W)
competition
Winner team





Inter collegiate
Lawn tennis (W)
tournament
Runner up team

Inter collegiate
KhoKho (W)
tournament
Runner up team





Inter collegiate
Cross country (M)
tournament
3rd Place
winner team

Our Proud Achievers

Inter collegiate Ball Badminton (W) tournament 3rd Place winner team





Inter collegiate Handball (W) tournament 3rd Place winner team

Inter collegiate Handball (M) tournament Runner up team





Inter collegiate Ball Badminton (M) tournament Runner up team

Widening Horizons - Getting Global



International Conference on Cooperative Learning at NTUE,Taipei, Taiwan-Paper Presentation by Narendra Naidu, Dr. Sushama Joag and Dr. Lalita Agashe



International Conference on Cooperative Learning at NTUE,Taipei, Taiwan-Narendra Naidu with International Expert in CL Dr.Yael Sharan, Israel



International Conference on Cooperative Learning at NTUE,Taipei, Taiwan-Narendra Naidu with teacher participants from Taiwan



International Conference on Cooperative Learning at NTUE,Taipei, Taiwan-Narendra Naidu, Dr.Sushama Joag and Dr. Dilip Joag with renowned CL Expert Dr. Spencer Kegan



Visit to National Tsing Hua Univerisy, Hsinchu, Taiwan-Narendra Naidu with Professor Sheng- Shian Lee and his colleagues



Visit to National Chung Hsing University, Taichung, Taiwan - Narendra Naidu with Professor Wu-Chun Tu and his colleagues

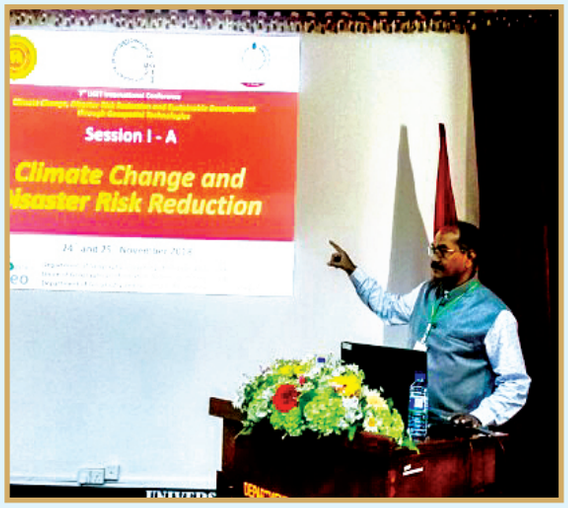
Widening Horizons - Getting Global



NSS Volunteer Amruta as a
Foreign delegate to Russia



Honourable President of India Mr. Ramnath Kovind
interacting with Biotechnology students
at Melbourne, Australia



International Conference on Climatic Change
at University of Peradeniya, Sri Lanka-
Paper Presentation by Dr. Vilas Kamble



Students from Ludwig Maximilian University, Munich, Germany
interacting with students from Modern College, Pune-5

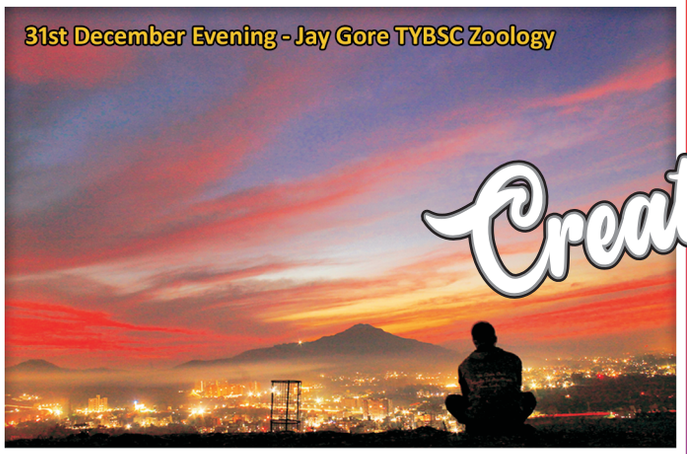


Principal Dr. R. S. Zunjarrao felicitates
Invited Speaker Dr. Julianne Waldock,
Western Australian Museum, Australia



Dr. Jere Lipps, University of California, Berkely, USA,
Prof. Mrs. Lipps, Dr. Julianne Waldock and Prof. Sandhya Vartak -
Interaction with Zoology Staff

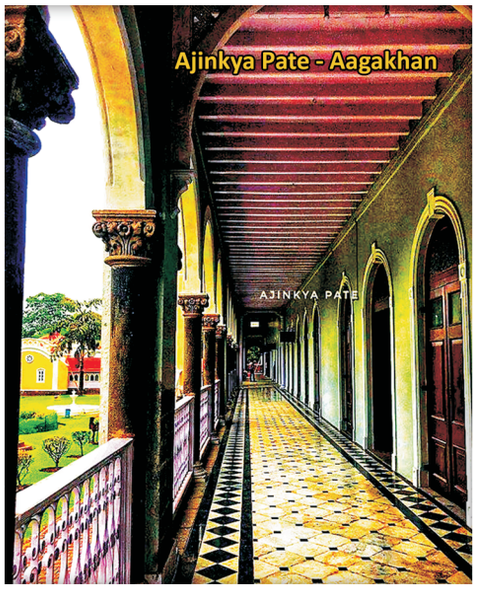
Creativity



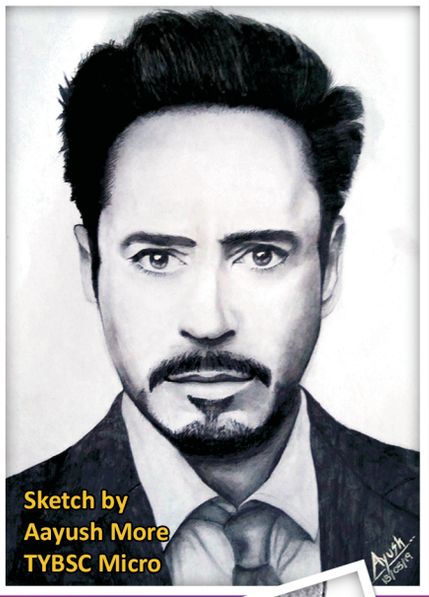
31st December Evening - Jay Gore TYBSC Zoology



Purple-rumped Sunbird -
Jay Gore TYBSC Zoology



Ajinkya Pate - Aagakhan



Sketch by
Aayush More
TYBSC Micro



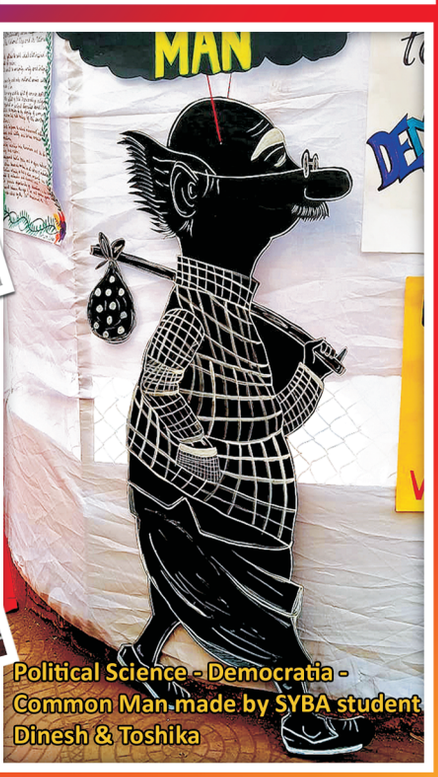
Mayuri Kuchekar,
FYBCOM



Fashion Illustration by
students of Fashion Technology



Kamal Gawade,
FYBCom



Political Science - Democratia -
Common Man made by SYBA student
Dinesh & Toshika



Designer Jasckets made by student of
Fashion Technology



Warli Paintings
by students of
Fashion Technology