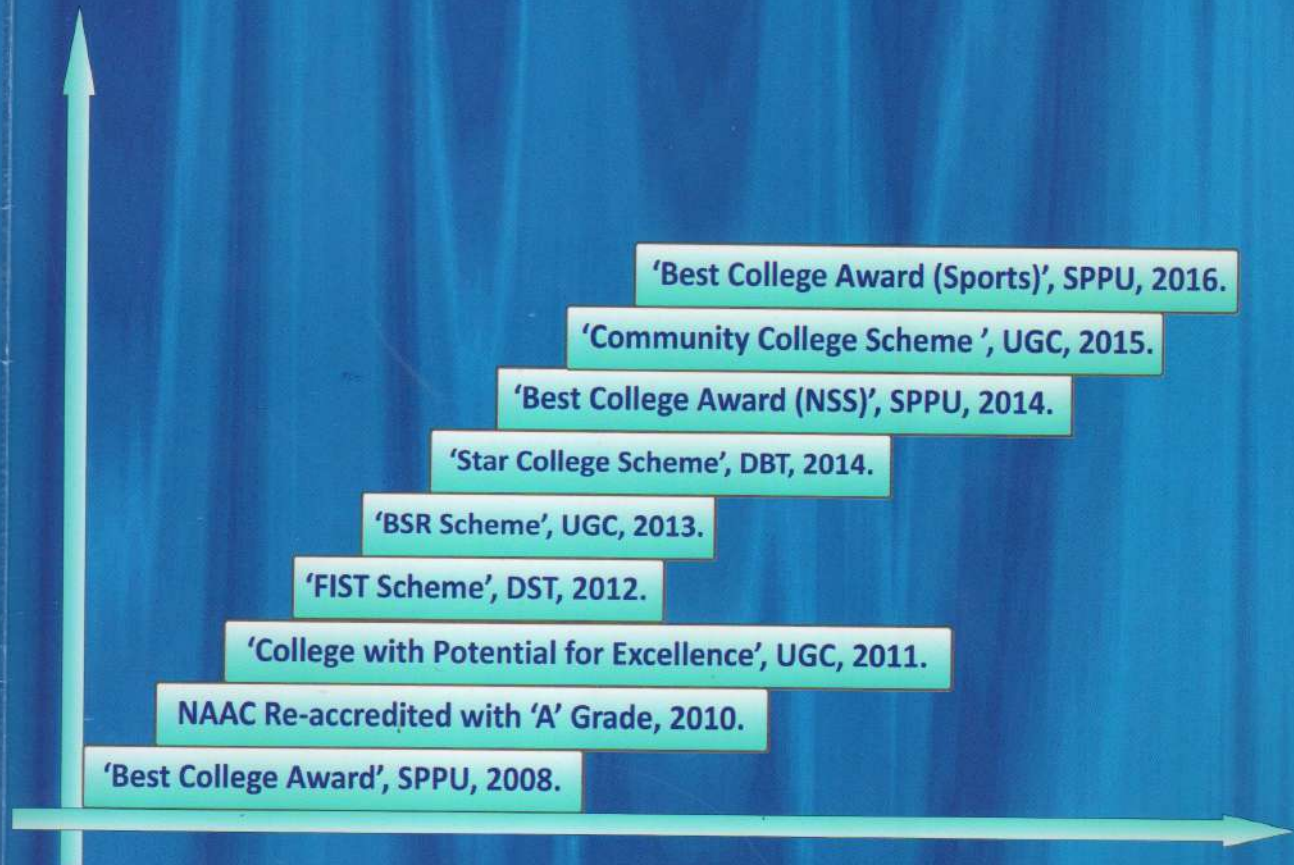


MODERN

2015-2016



International Conference on "Innovations in Teaching, Learning and Evaluation in Higher Education" held on 29th and 30th January 2016.



Dr. Jayashree Ramadas, Ms. Yael Sharan, Dr. Rajesh Khambayat, Ms. Lalita Agashe, Prof. Dr. M. Lakshmi pathi Rao, Prof. C. K. Desai, Dr. Chitra Sohani, Dr. R. S. Zunjarrao, Prof. S.S. Deshmukh, Dr. Sushama Joag, Narendra Naidu.



Inaugural session



Release of Proceedings

॥ ज्ञानमयो भव ॥



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Below : Dr. Sairaj Patki, Asst. Professor,
Psychology- Noteworthy Entry

in the Intercollegiate Open Photography
Competition organised by Modern College,
Pune - 5.

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Shivajinagar, Pune - 411 005

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MODERN
2015 - 16

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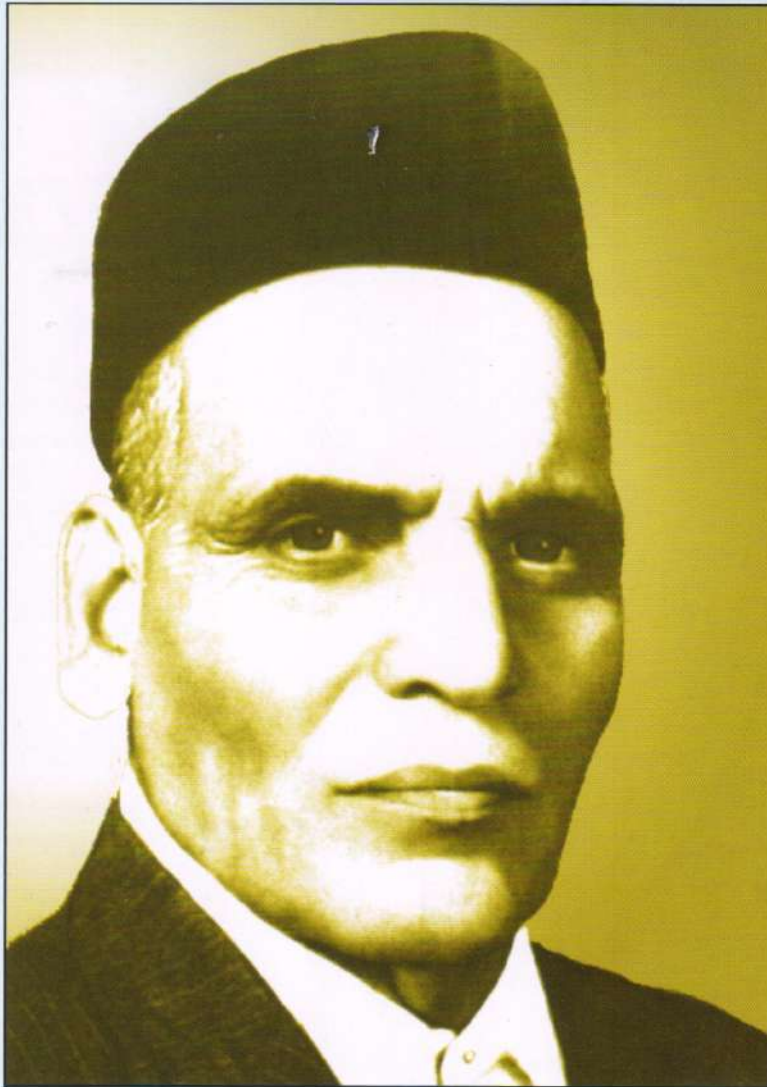
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INSTITUTIONS

(Estd.)

- (1934) Modern High School, Pune - 5.
- (1936) Prathamik Vidya Mandir, Pune - 5.
- (1940) Sir Sassoon David Hostel, (for boys)
- (1946) P. E. S. Girls' High School, Pune - 5.
- (1967) Modern High School & Jr. College & MCVC Pune - 53.
- (1968) Shishu Vidya Mandir, Pune - 5.
- (1968) Girls' Hostel, Pune - 5.
- (1970) Modern College of Arts, Science and Commerce, Pune - 5.
- (1976) Kindergarten and Primary English Med. School, (N.C.L. Campus), Pune - 8.
- (1981) N. C. L. Secondary & Higher Secondary School, Pune - 8.
- (1982) W. I. E. Badminton Complex, Pune - 5.
- (1985) Pre-Primary and Primary English Medium School, Pune - 5.
- (1986) Shishu Vidya Mandir, Nigadi, Pune - 44.
- (1986) Prathamik Vidya Mandir, Nigadi, Pune - 44.
- (1989) Modern Centre For Career Guidance, Pune - 5.
- (1990) Shishu and Prathamik Vidya Mandir, Pune - 53.
- (1991) Modern High School, Bhose (Tal. Khed), Pune.
- (1991) Institute of Management and Career Development, Nigadi, Pune - 411 044.
- (1991) Montessorie Teachers' Training Course, Pune - 5.
- (1991) Pre-Primary and Primary English Medium School, Nigadi, Pune - 44.
- (1992) Modern High School, Nigadi, Pune - 44.
- (1992) Modern College of Arts, Science & Commerce, Pune - 53.
- (1993) Modern English Medium High School, Pune - 5.
- (1994) P. Nehru Shishu and Prathamik Vidya Mandir, Warje, Pune - 58.
- (1997) Modern Centre for Information Technology and Research, Pune - 5.
- (1998) Modern College of Pharmacy, Nigadi, Pune - 44.
- (1998) Modern High School, Warje, Pune 58.
- (1999) Modern College of Engineering and Information Technology, Pune - 5.
- (2000) Modern High school, English Medium, Nigdi, Pune - 44.
- (2002) Pre-Primary English Medium School, Warje, Pune 58.
- (2002) Modern Primary English Medium School, Warje, Pune 58.
- (2003) Modern Law College, Pune - 53.
- (2003) Modern Junior College (Science) Pune - 44.
- (2004) Modern College of Special Education Pune - 5.
- (2004) Modern College of Pharmacy, Moshi, Dist. Pune (for women)
- (2006) Modern College of Education for Women, Shivajinagar, Pune 5.
- (2006) Modern College of Nursing, Shivajinagar, Pune - 5.
- (2007) Modern College of Physiotherapy, Shivajinagar, Pune - 5.
- (2007) Modern College of Computer and Business Study
- (2008) Modern College of Agricultural Biotechnology, Kule-Dakhane, Paud, Tal. Mulshi, Pune.
- (2009) Modern College of Commerce and Computer Studies, Yamunanagar, Nigdi, Pune - 44.
- (2010) Modern Institute of Business Management, Pune 5.
- (2010) Modern High School (Eng. Med.) Pune 58.

The Pioneer and Visionary



Late Shri. Shankarrao Kanitkar

Founder
Progressive Education Society
Pune - 5.

Special Moments

Lokmat Media Group felicitated Educationist Honourable Prof. Dr. Gajanan Ekbote (Chairman, Progressive Education Society, Pune) with "Icons of Education Maharashtra Award" for his remarkable contribution in the educational field and social work, at the hands of Hon'ble Education Minister-Maharashtra Shri. Vinod Tawade.



Lokmat Media Group felicitated Educationist Honourable Prof. Mrs. Jyotsna Ekbote (Joint Secretary, Progressive Education Society, Pune) with "Icons of Education Maharashtra Award" for her remarkable contribution in the educational field and social work, at the hands of Hon'ble MP Jayaji Bacchan.

Best College Award (Sports)
Savitribai Phule Pune University
Felicitation by Vice-Chancellor SPPU
Dr. Wasudev Gade.



Inauguration of Community College Scheme at the hands of Hon'ble MP from Poona Lok Sabha constituency and Spokesman for Maharashtra Pradesh Congress Committee Shri. Anant Gadgil in presence of Chairman, PES Prof. Dr. G. R. Ekbote, Secretary Prof. S. S. Deshmukh and Joint Secretary PES Prof. Jyotsna Ekbote.

Our Inspiration



Message

Progressive Education Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5 was established in the year 1970 as the first senior college of Progressive Education Society. As per the vision of founder members of P.E. Society, Late Shankarraoji Kanitkar and Late V.T. Tatke, we are following the two keywords 'Progressive' and 'Modern'. I feel that this college has progressed right from the beginning to a glorious destination today and going to reach their set goals in future.

Modern College has several achievements like 'Best College Award' by Savitribai Phule Pune University in 2008, NAAC Accreditation 'A' grade in 2010, CPE status of UGC in 2011, BSR Funds from UGC, FIST (Funds for Improvement of Science & Technology Infrastructure) grants from DST and STAR college scheme from DBT in 2013. Recently in 2015, UGC sanctioned 'Community College Scheme' to this college. The college has been conferred 'Best College award (Sports)' for academic year 2015-16, by Savitribai Phule Pune University.

The number of students enrolled during this academic year is more than 9500, and it is prestigious that there are 83 International students admitted in this year. I am proud to mention that the college has established use of ICT in administration, teaching-learning process. A 'Digital Record Room' and 'Digital Library' are established to benefit student services.

The college has organized one International, one National and two state level conferences this year on topics relevant to education as 'Teaching. Learning and evaluation in Higher education', Emotional intelligence: Role in Human life, 'Role of e-commerce in Modern Business', and 'Survival and reliability Analysis'. Along with academic, research, co-curricular achievements, college has crossed landmarks in Social work. Paddy plantation, socio-economic survey of neighborhood community, guidance sessions for blind students, Swachh Bharat Abhiyaan etc. are remarkable activities the college NSS unit. Also the players from department of Physical Education won 131 Gold, 104 Silver and 63 Bronze medals in various level sports events. I am confident that college will progress in co-curricular and extracurricular activities in with the same pace, as in academics.

The college has seven Research Centers in the campus, recognized by Savitribai Phule Pune University. Also the post graduate program in Physics and Zoology are started from academic year 2015-16. Post graduate course in Political Science and under graduate courses viz. B.Sc. (Blended) and B.C.A (Science) are proposed courses in next academic year. Modern College, Pune-5 is preparing for third cycle of NAAC accreditation, I hope once again with the spirit of team work, "Team Modern" will be successful in achieving the target score of CGPA with grade "A" in re-accreditation by NAAC.

I give full credit for progress of this college to the Principal Dr. Rajendra Zunjarrao and local managing committee of this college, which consists of senior educationists like Prof. P.S. Chirputkar, Prof. A.K. Pande and Prof. Mrs. J.G.Ekbote. The Vice-Principals along with office bearers have been assisting the Principal with positive attitude. I am glad to mention that all teaching and non-teaching staff members have contributed to the success and achievements of Modern College of Arts, Science and Commerce, Shivajinagar, Pune- 5.

Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5, is an "ASSET" to P.E.Society as well as to Savitribai Phule Pune University due to its several achievements in the field of Education. I express my best wishes to the Principal, all LMC Members, the staff members and students of this college.

With personal regards,

Prof. Dr. Gajanan 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 2015-16. This academic year was also full of academic, co-curricular and extra curricular activities. At the beginning of the academic year, Foundation Day of our college was celebrated with guidance lecture of Hon'ble Shri. Sanjay Nahar, Founder President, SARHAD, Pune. We are enhancing quality of education through various efforts. The library infrastructure is renovated completely and ambience of library is enhanced by modern facilities like web OPAC, accessing e-books, staff study section, library website, library e-bulletin, photocopy, printout facility and the library under CCTV surveillance. In this academic year, department wise CCTV surveillance was also provided. We have enhanced use of ICT facilities in teaching, learning and administration. Online admission procedure is adopted for all the courses in this academic year.

It is a matter of pride for us that in this academic year, UGC has sanctioned 'Community College Scheme', under which college conducts diploma course in "Dress designing and tailoring".

The players from department of Physical Education won 131 Gold, 104 Silver and 63 Bronze medals in various level sports events. This resulted into getting 'Best College Award (Sports)' for academic year 2015-16 from Savitribai Phule Pune University.

The college has maintained the tradition of successful organization of one International Conference, one National Conferences and two State level conferences

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 three meetings of Industry -Academia Collaboration Committee, in order to get placement opportunities and guidance from industrial sector. 'Vyapar Mela (Trade Fair)-2016 was a grand event of this academic year. Our students also have shown superior results in Purushottam Karandak, Firodia Karandak and number of cultural competitions, and have won several prizes. The department of Physical Education organised "Sports Week" for the employees of Progressive Education Society. The activities of NSS and NCC were also on a high scale. Three girl students (NCC cadets) successfully completed all India Nau Sainik Camp this year and also two cadets participated in Republic Day Parade at Delhi. Members of the teaching staff have been striving hard to reach higher academic standards without compromising with their teaching assignments and routine college activities. In the next academic year, i.e. 2016-17, our college is going to be in the third cycle of re-accreditation by NAAC. I hope, once again by our strong team work and under the able guidance of Hon'ble Prof. Dr. G.R.Ekbote,(Chairman,B.C., P.E.Society's, Pune-5) we will go through the process towards fine results.

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 grateful to Local Managing Committee Chairpersons, Prof. P.S. Chirputkar, Dr. A.K. Pande and Prof. Mrs. J.G. Ekbote and Prof.S.S.Deshmukh, Secretary of P.E.Society, for their active support, guidance and encouragement. We also congratulate Prof. Mrs. Jyostna G. Ekbote on being felicitated as WOMEN ICON at the hands of Honble Mrs. Jayaji Bachhan (MP), Shri. Vijayji Darda and Smt. Shobha Dey, by Lokmat Media group.

In this academic year the Chairman of Business Council of Progressive Education Society, Hon'able Prof. Dr. G.R.Ekbote has been awarded 'Icons of Education, Maharashtra' by Lokmat media group. We feel proud of great visionary, great educationist and dynamic leader our, honourable Chairman Prof. Dr.G.R.Ekbote for these achievements in this year. 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.

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. N.M.Naidu, advisor of magazine committee Prof. S.R.Chaudhari 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. ज्योत्सना एकबोटे
सहकार्यवाह, प्रो. ए. सो.
अध्यक्षा,
स्थानिक व्यवस्थापन समिती



मा. प्रा. प्रकाश दीक्षित
उपकार्यवाह, प्रो. ए. सो.
उपप्राचार्य



मा. प्रा. अनंत गोसावी
इन्चार्ज,
बी. बी. ए., बी. सी. ए., एम. सी. ए. कॉमर्स



मा. प्रा. डॉ. यशवंत वाघमारे
उपप्राचार्य



मा. प्रा. डॉ. नयना कुलकर्णी
उपप्राचार्य



मा. प्रा. शरद चौधरी
उपप्राचार्य



मा. प्रा. मिलींद वाघमारे
उपप्राचार्य



मा. प्रा. संजय ठेंगडी
समन्वयक प्रशासन



मा. प्रा. विलास आल्हाट
उपप्राचार्य
कनिष्ठ महाविद्यालय



मा. प्रा. रवींद्र इंगोले
पर्यवेक्षक
कनिष्ठ महाविद्यालय



मा. रवींद्र काळे
रजिस्ट्रार

We are Proud of You Glorious Moments of Kanitkar Day



Felicitatation of Prof. P. S. Kapre on 'Kanitkar Day' - **Best Teacher Award** (Senior College)
by Dr. Raghunath Mashelkar.



Felicitatation of Prof. Sunita N. Gosavi on 'Kanitkar Day' - **Best Teacher Award** (Junior College)
by Dr. Raghunath Mashelkar.



Felicitatation of Mrs. Sunita G. Sasane on 'Kanitkar Day' - **Best Non-Teaching Staff Award**
by Guardian Minister - Pune district Mr. Girish Bapat.

Just a Few Words...

Dear Readers,

We are glad to present to you the College Annual Magazine – MODERN 2015-2016. It is a special moment for us, as this time the College Annual Magazine is being released on the College Foundation Day.

The entire activity of shaping this magazine was very absorbing and often stressful too. Reports gushing from all departments, associations and committees had to be read carefully and meticulously edited.

The report section certainly mirrors the overall 'personality' of our college. The composite nature and the beauty in heterogeneity of our college is so very apparent through those pages.

The plates of Photographs bring life to the documented facts in reports. The captured moments create deeper impressions in our minds. A new feature is a dedicated full page, for the Art work of students.

***Abhivyakti** – is an open platform for the 'Expression' of the youth of our college. Students have enthusiastically contributed to this section in the form of articles, poems, travelogues and essays. An attempt was made to invite special articles in commemoration of certain events or in memory of great personalities. These articles have added value to the magazine.*

The Abhivyakti section helps one to understand the inner recesses of the minds of youth of our college.

The concept of cover design was given by our Principal Dr.R.S.Zunjarrao. Shri.Chintan Devalia creatively worked on the idea and gave the final output. The rear cover is in appreciation of the noteworthy entries in the Inter-Collegiate Photography contest held by our college.

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

We appreciate with gratitude the tireless efforts of Shri.Madhav Nagpurkar and Shri.Avinash Kakade of Shree Mudran Mandir in this task. Thanks are also due to Shri.Hemant Date for the group photographs.

It is the team work of the committee that made it possible to materialize this College Annual Magazine.

Hope you have an enjoyable reading. We look forward to your suggestions, for enhancing the quality of the magazine.

Narendra M.Naidu

Editor

15th June 2016

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International Conference on
“Innovations In Teaching, Learning and Evaluation
In Higher Education”
29th and 30th January 2016

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A two day International conference on the theme “Innovations in Teaching, Learning and Evaluation in Higher Education” was organized by P.E.S.'s Modern College of Arts, Science and Commerce (MCASC), Pune-5 on 29th and 30th January, 2016.

The theme of the conference was decided in recognition of the current development in the field of Pedagogy, the explosion of Digital Media and the need to incorporate these in Teaching, Learning and Evaluation.

The Conference was funded by the Savitribai Phule Pune University (SPPU) and had representation from International Association for the Study of Cooperation in Education (IASCE). The conference was highly successful with a packed programme of presentations and participatory sessions conducted by eminent national and international resource persons.

Inauguration

The Inauguration function of the conference started with the recitation of the Anthem of SPPU by students of Modern College. Organizing Secretary Dr. Sushama Joag briefed the audience on the relevance of the theme of the conference in the present and futuristic scenario in the field of higher education. Convener of the conference Principal Dr. Rajendra Zunjarrao welcomed the audience and felicitated the Chief Guest Prof. Dr. Jayashree Ramadas, Director, HBCSE, TIFR, Mumbai, and Guests of Honour Ms. Yael Sharan, GRIP, Israel, Board Member, IASCE, and Prof. Dr. Rajesh Khambayat, Head, Dept. of Education and Research, NITTTR, Bhopal. The function was also graced by the presence of Dr. Lalita Agashe, Board Member, IASCE, on the dias. Chief Guest Prof. Dr. Jayashree Ramadas declared the conference inaugurated. Joint Organizing Secretary Prof. Narendra Naidu was the Comper for the Inauguration Function.

Keynote addresses

Prof. Dr. Jayashree Ramadas, Director, Homi Bhabha Centre for Science Education (HBCSE), Tata Institute for Fundamental Research (TIFR), Mumbai, delivered the keynote address on “Spatial Thinking in Undergraduate Science Education”. In her address Prof. Ramadas mentioned the importance of developing the spatial ability in education in Science, Technology, Engineering and Mathematics. Use of Diagrams and Gestures is very effective tool in comprehension of complex concepts in these subjects, said Prof. Ramadas.

Prof. Dr. Rajesh Khambayat, Head, Department of Education and Research, National Institute for Technical Teachers' Training and Research (NITTTR), Bhopal, delivered the keynote address on “Use of Digital Media in Higher Education”. In his address Prof. Khambayat described how the newly emerging digital media such as podcasting, blogs, Wiki, e-learning, digital storytelling, etc. can be used in the teaching-learning process in higher education.

Ms. Yael Sharan, Board Member, International Association for Study of Cooperation in Education (IASCE), Group Investigation Project (GRIP), Israel, delivered the keynote address on “Cooperative Learning: A Perpetual Innovation in Education”. In her address Ms. Yael said that cooperative learning is being practiced and has been found to be useful in all content areas and grade levels. The CL procedures combine and promote two universal educational goals, viz. academic skill and social skill.

Participatory sessions

The unique feature of this conference was the conduction of four participatory sessions in which the resource persons played the role of facilitator giving hands on training to the participants.

Two participatory sessions on the Innovative Pedagogic Method of Cooperative Learning (CL) were conducted jointly by the two Board Members of IASCE, Ms. Yael Sharan from Israel and Dr. Lalita Agashe from Pune. During these sessions the participants were divided into groups of four to six. Activities strengthening the skills and abilities such as thinking, listening and presentation were conducted

during these sessions. The activities also gave insight to the participants in setting questions, giving learning tasks to the students and using these as tool of teaching and learning.



One participatory session on Reforms in Evaluation was conducted by **Dr. Chitra Sohani**, Advisor, Bajaj Education Initiative, Pune. The participants were divided in four groups. Separate activities were assigned to the groups. One member from each group presented the outcome of their group activity. The entire session gave a deep insight to the participants on various aspects of evaluation such as evaluation of memory, conceptual understanding, application ability, analysing ability and creativity.

One participatory session on Use of Digital Media in Higher Education was conducted jointly by two faculty members of NITTTR,

Bhopal, **Prof. Dr. Rajesh Khambayat**, Head, Dept. of Education & Research and **Dr. Sandip Kedar**, Dept. of Electronic Media. This session was unique because the **conference venue** was made **wifi** for this session and all the participants used their laptops during this session accessing the internet. The session involved participatory use of online resources in Teaching Learning (T-L), use of blogs for enhancing effectiveness of T-L, use of portals such as **SAKSHAT** and **AVIEW** platform. Use of **SMART Classroom Equipment** such as interactive board, interactive panel and portable interactive pad was demonstrated.

Invited Talks/ Presentations

Some aspects of the theme of the conference were dealt with during the conference by resource persons through their power point presentations. There were five such invited talks in the conference:

Dr. Sophia Gaikwad, Head, Symbiosis Teaching Learning Resource Centre, Symbiosis International University, Lavale, Pune, gave a presentation on the topic **“Newer Pedagogic Methods in Higher Education”**. In her presentation Dr. Gaikwad described use of newer pedagogic methods such as Peer Led Team Learning (PLTL), Problem Based Learning, Reciprocal Teaching, Flipped Classroom, Exhibition and Multiple Intelligence Based Learning in higher education.

Dr. Shubhada Nagarkar, Associate Professor, Jaykar Library, Savitribai Phule Pune University, gave a presentation on the topic **“Digital Library”**. In her presentation Dr. Nagarkar described the components of a digital library. She further elaboratively explained how Colleges can use the digital library in variety of ways such as creation of a collection of e-books and making it available to the registered users, creation of e-learning resources, providing assistance to the teaching faculty in searching e-resources to list a few.

Prof. Dr. Kelly Butler, Chestnut Hill College, Philadelphia, U.S.A., gave a presentation on the topic **“Process Oriented Guided Inquiry Learning (POGIL)”**. In her presentation Prof. Butler described the newer pedagogic method “POGIL” in which members of a learning group of students are given roles of Manager, Recorder, Presenter and Reflector. Prof. Butler also presented the outcome of the statistical analysis showing greater effectiveness of the POGIL method over the traditional Lecture Method.

Prof. Dr. Arvind Natu, Indian Institute of Science Education and Research (IISER), Pune, gave a presentation on another aspect of innovations in teaching, viz. **“Interdisciplinary Approach in Teaching”**. In his presentation Dr. Natu brought to notice the present day scenario in the field of research wherein a lot of interdisciplinary work is going on, demanding interdisciplinary approach in teaching in higher education. Dr. Natu illustrated this point with the help of many examples in the field of Science Education.

Prof. Dr. M. Lakshmipathi Rao, Academic Consultant, National Assessment and Accreditation Council (NAAC), Bangalore, gave a presentation on **“Future of Teaching, Learning and Evaluation in Higher Education”**. In his presentation Dr. Rao described the ten characteristics of 21st century classroom. These

included active and adaptive learning of students, mutual respect of students and teachers and performance based evaluation. Dr. Rao added further that this will have a far reaching impact on the Indian Economy and Society.

Poster session

Poster Session was conducted in the evening on the first day. Thirty eight posters by the participants were on display during this session. These were based on innovations in teaching various subjects ranging from languages to sports. A few of these exhibits were in support of the theme of the conference. **Dr. Chitra Sohani**, Advisor, Bajaj Education Initiative, Pune and **Prof. C. K. Desai**, Consultant, Maharashtra Knowledge Corporation Limited (MKCL), Pune assessed all the posters and exhibits.



The prize winners were:

1st Prize: **Dr. Deepti Sidhaye**, Dept. of Physics, SPPU,

"Literary Teaching Aids for Science Education"

1st Prize: **Prof. Radhika Oke**, MCASC, Pune-5,

"Bringing Role-Play in Biotechnology Classroom".

2nd Prize: **Dr. Madhuri Kulkarni**, MCASC, Pune-53,

"Use of ICT in Teaching and Learning Chemistry"

3rd Prize: **Prof. Amruta Kulkarni**, Fergusson College,

"Innovative Experiments in Language Teaching"

3rd Prize: **Dr. Ketaki Modak**, Garware College of Commerce,

"Use of Blog in Teaching Learning"

Valedictory function

The valedictory function was presided over by **Dr. M. Lakshmipathi Rao**, Academic Consultant, NAAC, Bangalore. The Chief Guest of the function was **Ms. Yael Sharan**, Board Member, IASCE, GRIP, Israel.

In the beginning **Dr. Sushama Joag**, **Organizing Secretary**, took review of the proceedings of the conference. Two participants, **Ms. Sonam Mehta**, Dayalbagh Deemed University, Agra and **Mr. Keyur Sahasrabudhe**, Symbiosis International University, Pune, in their representative feedback talks described that the deliberations in conference were very useful and inclusion of the participatory sessions made the conference particularly fruitful for the participants.

Prizes were announced by **Prof. Rasika Date** and were given away to the winners at the hands of the **Chief Guest**, **Ms. Yael Sharan**. In his address **Principal Dr. Rajendra Zunjarrao**, **Convener**, explained the purpose of holding this conference and expressed his satisfaction over the participation of teachers and research students from India and abroad and the efforts taken by the National and International Resource Persons making the conference successful.

In his **presidential address** **Dr. M. Lakshmipathi Rao** admired the efforts taken by the College to organize this International Conference on a theme which is very relevant and important for the changing scenario in the field of Education. **Prof. Narendra Naidu**, **Joint Organizing Secretary**, proposed the vote of thanks. **Dr. Madhu Satam** was the compere in this function.

Dr. Sushama Joag
Organizing Secretary
Mr. Narendra Naidu
Joint Organizing Secretary

National Conference on
“Emotional Intelligence : Role in Human Life”
5th and 6th February 2016

The BCUD (Savitribai Phule Pune University) sponsored National Conference was held by Modern College of Arts, Science and Commerce, Shivajinagar, Pune – 05, in the Auditorium of the P. E. Society. Department of Psychology organized this two day National Conference.

The guests present on the dais for the inauguration were Principal **Dr. R.S. Zunjarrao**, **Dr. Shankant Deshmukh**, **Dr. Mrs. Amruta Oke**, **Dr. P.B. Rasal** and **Chief Guest Dr. Jitendra Mohan**. **Dr. Sairaj Patki** delivered the welcome speech and the Isha- Stavan was sung by **Mrs. Renu Bhalariao** followed by the speeches by **Dr. Zunjarrao**, **Dr. Oke** and **Dr. Rasal**. The inauguration was done by **Dr. Jitendra Mohan**.

The key note address was given by **Prof. C.R. Mukundan** (Ahmedabad) on 'Emotion- Maintenance and Control'. He focused on emotional arousal that initiates the actions in living beings. **Dr. C.G. Deshpande** who was the Chairperson also shared his views.

The first session was addressed by **Prof. Jitendra Mohan** (Chandigarh) on 'Emotional Intelligence and Mindfulness: Pathways to Excellence'. He said that for achieving excellence mindfulness and emotional intelligence are equally important. Excellence is a continuous march towards optimization through creative emotional balancing and mindful focusing.

The second speaker was **Ms. Gayatri Vartak** who spoke on the topic 'Emotional Intelligence and Sports.' The session aimed at giving an overview on the role of emotions in sports and learning how to deal with them effectively. **Dr. P.A. Bhagvatwar** shared his comments at the end of the session.

The post lunch session was conducted by **Dr. Anagha Lavalekar**. She shared her knowledge on 'Indian Perspective towards concept of Emotional Intelligence'. **Dr. Lavalekar** spoke about how our Indian culture illuminates us on the broader concept of lifelong emotional development. The Chairperson for the session was **Dr. Shobhana Abhyankar**.

The third session was addressed by **Dr. Aparna Sisode** (Nagpur). She delivered a talk on the topic 'Emotional intelligence and Parenting'. She focused on how emotional intelligence plays an important role in family and how it plays a role in moulding parent and child relationship. She also shared her experiences at her counseling center and her personal experiences. The session was chaired by **Dr. Medha Kumthekar**.

The last session of the day was addressed by **Dr. Aruna Kulkarni** and **Mrs. Tanuja Kher**. This was the most awaited session of the day which was called 'Cinemascope' which depicted emotions in family through Indian cinema. As the name depicts video clips were shown displaying emotions in relationships and different emotions were explored.

The second day of the National Conference started with the Oral and Poster presentation-competition of the research papers. Four parallel sessions were conducted for oral presentations of paper. **Dr. Alka Deo**, **Dr. Vaishali Mardhekar**, **Dr. Vanita Patwardhan**, **Dr. Indira Patil**, **Dr. Anagha Lavlekar**, **Dr. Rajendra Mhaske**, **Dr. Gauri Kadam**, **Dr. Alpana Vaidya**, **Dr. Digambar Darekar** and **Dr. Megha Deuskar** worked as judges for the different sessions. **Mrs. Anjali Kedari** and **Mrs. Tanuja Kher** worked as judges for poster presentation competition.

The fourth session was by **Dr. Sandeep Kelkar** (Mumbai) on 'Emotional Intelligence: The missing piece in schools'. He spoke about how "school environment" plays an important role in a child's life and how to make this environment favorable for the emotional development of the children. He also spoke about the different EI curriculum programs. This session was chaired by **Dr. S.Y. Paranjape**.

The fifth session was addressed by **Dr. Radha Sharma** (Gurgaon) on 'Emotional Intelligence Transformational Leadership and LOC in Indian industry'. She spoke on how emotional intelligence plays an important role in industries especially for developing a leader and how locus of control plays a role in performance in the industrial set up. The second speaker for the session was **Mr. Dexter Valles**. He addressed the audience on the topic 'EQ TALES- Everyday leadership lessons'. According to him EQ TALES looks at creating a pathway for leaders to intersect and integrate their lives and dreams with those they work with,

their hopes and desires with those of others through EQ practices to manage equilibrium especially in the face of adversity. The session was chaired by Prof. A.G. Gosavi.

The next session was conducted by Lt. Col. (Retd.) Dr. Samir Rawat. He addressed the audience on the topic 'Emotional Intelligence at workplace with an Emphasis on Military Environment- A Perspective'. According to him the people working in highly demanding and challenging environment e.g. Military, armed forces, industry or corporate settings need to have high Emotional Intelligence to handle their own stress and of others, to be successful leaders.

The last session of the day was conducted by Dr. Suhas Shetgovekar (Delhi) on 'Contemporary Research In Emotional Intelligence'. She focused on the contemporary research in emotional intelligence and gave three main pillars of emotional intelligence. She spoke about the nature of research carried out in EI and suggestions for future research. This session was chaired by Dr. Medha Kumthekar.

Dr. Gajanan Ekbote, Chairman of P.E.S Society, Prof. Mrs. Ekbote, Principal Dr. Zunjarrao, Dr. Shankant Deshmukh and Dr. Amruta Oke were present for the Valedictory function. Dr. Deshmukh delivered a speech which was followed by the feedback of participants.

The prize distribution ceremony was held for the winners of photography, oral and poster presentation competition. Ketki Mhaskar student from S.P. College won first prize in oral paper presentation competition. Monika Mishra, student from Modern College and Shilpa Salve, Assistant Professor, SPPU won second and third prizes respectively. Dr. Meenakshi Gokhale, Assistant Professor, S.P. College and Shalmalee Vedpathak, student from S.P. College got consolation prizes in oral paper presentation competition. In Poster competition, Dr. Manasee Deshmukh, JPIP, Farangis Dehnavi, student from SPPU, and Aditi Kulkarni, student, S.P. College won 1st, 2nd and 3rd prize respectively. Lastly, Dr. Gajanan Ekbote addressed the audience. Vote of thanks was proposed by Dr. Sairaj Patki. The program concluded by recitation of Pasaydan by Mrs. Renu Bhalerao.

- Dr. Mrs. Amruta Oke
Organizing Secretary

State Level Workshop on
“Survival and Reliability Analysis”
(Under the Quality Improvement Programme, SPPU)
9th January 2016.

Department of Statistics took initiative in organizing a State level Workshop on Survival and Reliability Analysis.

The details are given below:

Number of participants : 76 Students + 42 Staff members + 5 Resource Persons+ 4 members of non-teaching staff

Total : 127 (104 from SPPU + 23 from other Universities) Number of institutions and colleges participated: 28

Inauguration Function:

Workshop was inaugurated at the hands of Dr. Vijay Narkhede, Dy. Director, Higher Education, Pune. Dr. D. D. Hangal, Head, Department of Statistics, Savitribai Phule Pune University, was the Chief Guest. Dr. Zunjarrao Principal, Modern Collge, Pune -05 gave the welcome address, Prof. P. G. Dixit, Coordinator of the workshop gave the brief outline about the workshop. Prof. P. S. Kapre expressed the vote of thanks. Dr. Manisha Sane compered the programme.

The workshop was held for the purpose of giving the outline of teaching newly introduced recent paper “Survival Analysis” at T.Y. B.Sc. Semester IV.

The following was the schedule of the workshop:

Inauguration: Speaker : Dr. Vijay Narkhede

Key Note address: Dr. D.D. Hangal

Ageing Properties: Dr. S. G. Purohit

Session I : Estimation of Survival function : Prof. B.K.Thorave

Session II : Actuarial Statistics : Prof. P.S. Waldhe

Session III : Analysis of censored data : Prof. B.K.Thorave

Session IV : Analysis of complete data : Prof. P. G. Dixit

Valedictory function: Speaker Dr. Parameswaran

Valedictory Function: The last part of the workshop was the Valedictory function. Dr. Parameswaran, Deputy Director General, National Sample Survey Organization, Akurdi, Pune was the dignitary present for Valedictory function.

Study Material : A detailed study material was prepared. It consists of 8 chapters of total 187 pages. It will be very useful for teachers and students. It is an excellent collection ready to use.

Participants' views and feedback: Participants expressed extreme satisfaction about the workshop, the arrangements and the valuable guidance by contributory speakers. They said that such activity should be regularly conducted. Students expressed that they were more confident due to the workshop.

Prof. P. S. Kapre proposed the vote of thanks.

Prof. P. G. Dixit

Coordinator and

Head, Department of Statistics

State Level Seminar:-

Role of e-commerce in Modern Business

Date: - 15 & 16 February 2016

Modern College of Arts, Science and Commerce, Shivajinagar, Pune and Savitribai Phule Pune University (SPPU) jointly organized the two days state level seminar on "Role of e – Commerce in Modern Business" under Quality Improvement Programme (QIP). This was a two days seminar held on 15th and 16th February, 2016. The seminar aimed to provide platform for interaction among academicians, industrial personnels, students, entrepreneurs, government officers, etc. Seminar also focused on basics of e-commerce, need of e-commerce, importance of e-commerce, role of e-commerce in today's modern business world.

List of speakers in the Seminar: Dr. Sanjay Kaptan (Head – Commerce Department, SPPU, Pune) introduced overview of e-commerce in modern business world. Mr. Prasanna Patwardhan (MD, Purple Travel) handled role of e-commerce in tourism business, CA Mr. K.D.Gargote (Experienced Chartered Accountant) explained e-governance, Mr. Sameer Kamat shared his thoughts on e-commerce and environment, Dr. Ranjeet Patil, (Vice Principal and HOD – D.Y.Patil Institution, Pune) explained technical issues of e-commerce, Adv. Ajay Wagh explained legal aspects of e-commerce, Dr. A.G. Gosavi (Ex-Principal Modern College, Shivajinagar, Pune) shared his experience on important role of e-commerce in academics.

Seminar was organized by:

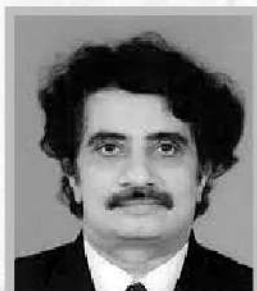
- Dr. R.S. Zunjarrao :Principal
- Prof. M.D.Waghmare:Vice-Principal
- Mr. Yogesh Sawarkar.:Registrar
- Prof. Lawly Das: HOD BBA
- Prof. Amol Shinde : Co-ordinator
- Prof. Maitreyee Phadnis :Coordinator
- All Faculty Members

- Prof. M. D. Waghmare
Vice-Principal, WCBS

OBITUARY



Dr. Madhav Namjoshi
Vice-Chairman, P.E. Society, Pune 5.



Prof. C. G. Kulkarni
Ex-Professor
Department of Mathematics



Prof. Aditi Kulkarni
Department of Botany



Prof. G.V. Bambale
Department of Chemistry

We will always cherish their fond memories. May their soul rest in peace.
Staff and students of Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5

Form IV

Statement about ownership and other particulars about
Modern College Magazine

Place of Publication : Pune Periodicity of its Publication : Annual

Publisher's Name : **Principal Dr. Rajendra S. Zunjarrao**

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Name and address of individuals who own the paper and partners or shareholders holding more than one percent of total capital : Not applicable.

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

REPORTS

Office

The academic year 2015-2016 started with the celebration of 45th College Foundation Day on 15th June 2016.

'Modi Script' training programme was organized in the college. The formal examination for the participants of this training programme was conducted in the college. Total 80 participants registered for this training programme. Members of the teaching and non teaching staff participated in the programme.

The Administrative Staff participated in various functions organized by our college during this year. These include:

- The College Foundation day celebrated on 15th June 2015.
- International, National, State level seminars organized by various departments.
- Various functions organized by all the Committees and Associations.
- Arts Circle Week.
- Annual Social Gathering.
- Academic Prize Distribution Function.
- Gymkhana Prize Distribution Function.
- Office has also supported the social activities organized by NSS, NCC etc.

Medical examination of all First Year Students was conducted on behalf of the Savitribai Phule Pune University, by the Committee constituted by the College. The Medical checkup committee with the help of teaching and non teaching staff carried out this activity.

Use of Technology:

This year too, with the help of Vriddhi software on line admissions were done by the college. Identity Cards were given to the students with the help of software. Advanced technology has been used to inform students and parents about notices, alerts and examination schedules. Using SMS facility during the year, we have forwarded many instructions, notices to students and staff. The office administration has made effective use of the students Database Management 'VRIDDHI'. This has helped all the departments to share the office and library data. The office staff has made use of maximum use of new technology. Presently all the work related in the Accounts department is done on tally software.

Office along with IQAC has conducted workshop for non teaching staff. Non teaching staff were also deputed for attending various workshops at different colleges regarding salary, office administration and HR. **Facilities for Students:**

College has sufficient number of water coolers on each floor of the building and water purifiers for both the drinking water tanks at the ground floor, to provide clean and cool water to students.

The facility of ramps and two lifts is made available for benefit of the differently able students, staff, and senior citizens.

Decisions taken in the Parents-Teachers Association have been useful for both the students and staff to provide necessary facilities to the students. Well equipped gymnasium is made available for students.

Information for freshers:

This year too, guidance sessions (information lectures) were scheduled at the beginning of the academic year, for the first year students of all facilities who took admission in our college. Principal, Vice-Principal, Heads of departments and Chairpersons of various Committees gave basic information about various facilities, prospects, skill development programmes, library and activities carried out in the college. General information regarding office administration was also given to students.

Congratulations for special achievements:

Congratulations to our teaching staff Associate Professor in Statistics Prof. P.S.Kapare, Assistant Teacher in Commerce Smt. Sunita Gosavi and Junior Clerk, (Office) Mrs. Sunita Sasane, for being honoured with P.E. Society's Kanitkar Adarsh Teaching/ Non teaching Award for academic year 2015-16.

Congratulations to all those teaching staff who have succeeded in getting financial assistance/grants for various projects, research work and scheme from various funding agencies such as BCUD, UGC, DBT, DST etc.

Heartfelt wishes for the retiring staff:

The following members of the staff have retired from the services after a long and fruitful service to the college:

1. Prof A.V.Deshpande - 31st August, 2015.
2. Prof Dr.S.D.Joag - 31st October, 2015.
3. Mrs. Gharpure Sanjivini - 31st July, 2015.
4. Mr. Jaiprakash J Pawar - 30th September, 2015.

5. Shri. P.B.Udek - 31st May, 2015.
6. Shri. Raghu Dalvi - 31st May, 2015.
7. Shri. S.N.Kamthe - 30th June, 2015.
8. Shri. S.S.Kamthe - 30th June, 2015.
9. Shri. A.P.Shindekar - 31st August, 2015.
10. Shri. K.T.Waghmare - 31st August, 2015.
11. Shri. V.L.Avhad - 28th February, 2016.

We wish our retiring colleagues a happy, peaceful and healthy retired life.

The Chairman Local Managing Committee and Junior College Committee, The Principal and Vice-Principals constantly guided and inspired the office staff in their day-to-day work. Valuable guidance was provided by Prof. Dr.G.R.Ekbote, Chairman, Business Council, P.E.Society, Pune -5, Prof. P.S.Chirputkar, Dr.A.K.Pande Prof.Mrs J.G.Ekbote Prof.S.S.Deshmukh, Prof. S.R.Chaudhari and Prof. S.S.Thengadi regarding financial and UGC matters, particularly for getting Grants for the college from the different sources and utilization of these grants. Guidance provided by Prof.A.G.Gosavi and Dr.Y.R.Waghmare regarding accounting work was beneficial to our accounts staff.

- Mr.P.D.Renuse

Office Superintendent

- Mr.Ravindra P.Kale

Registrar

Department of Economics

The members of the department of Economics organized and participated in the following events for the year 2015-16:

Activities

- 1) The department organized Banking Exhibition on various subjects related to Banking and Finance like Currency Museum, Bank Notes, Bank Products and Services, etc. The Posters and Flexes on Banking were prepared by the students on 15th Jan 2016.
- 2) The PG Research Centre of the Department of Economics published a research annual entitled RESECO – Research in Economics- A Research Annual of Post Graduate Research Centre of Economics Vol.1 (Issue1), October 2015, ISSN: 2395-6860. Dr. Madhu Satam is the Chief Editor of RESECO.
- 2) Miss Sayani Biswas, a student of T.Y.B.A. Economics, won the 2nd Prize at the State level Research Competition – AVISHKAR 2015, organized by SPPU, under the guidance of the Head.
- 3) Mr Pandurang Kasbe, a student of Banking participated in research competition organized by INDSEARCH, on 23rd Dec 2015. The student

was awarded Third Prize and Rs. 5000 cash prize, under the guidance of the Head.

- 4) Balaji Talegave, a student of M.A. Economics participated in Elocution competitions and received prizes from different colleges.

Achievements of Teachers

1. Dr. M.M.Satam

Conferences and publications

- Invited as Resource Person for State Level Seminar on 'Role of Service Sector in Indian Economy' at Annasaheb Magar College, Pune on 29th Jan 2016.
- Invited as Resource Person for State Level Seminar on 'Make in India' at Indrayani Mahavidyalaya, Talegaon Dhabhade on 13th Feb 2016.
- Paper presented and published in Proceedings of State Level Seminar on 'Critical Appraisal of Economic Growth of Maharashtra since 1991' on 23rd Jan 2016.
- Abstract published in the research Journal of Madhya Pradesh Economic Association in March 2016.

Other Achievements

- Participation and Poster Presentation on 'Financial Inclusion of Youth' in Innovation 2015 on 3rd July 2015 at GMD College, Sinnar.
- Participated as member of Organizing Committee in National Conference on Emotional Intelligence on 5th and 6th Feb 2016 in Modern College, Pune 05.
- Participated as member of Organizing Committee in International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' on 29th and 30th Jan 2016 in Modern College, Pune 05.
- Participated as member of Review Committee in International Conference at Abasaheb Garware College on 'Dr. B.R. Ambedkar's Economic and Social Thoughts and their contemporary Relevance' on 4th and 5th March 2016.
- Appointed as Chairman for M.A. Economics Part-II Exams and PGDFT Exams of SPPU in April/ May 2016.

2. Dr.A.H.Shende

Completed Major research project.

3. Dr. S.S. Deshmukh

- Paper presented and published titled "ShetakaryanchyaAtmahatya: EkShodh" in National Seminar on Farmers Suicides in India organised by Shri. Shahu Mandir Mahavidyalaya, Pune on 22nd and 23rd January, 2016 ISBN:978-81-923922-5-7

- Attended Short Term Course on “Research Methodology in Social Sciences” organised by UGC-HRDC Mumbai University from 14th to 19th March, 2016.

4. Mrs. S.A.Vartak

- Attended three days National Workshop on Approaches in Social Research, 25th -27th June 2015, at TISS Mumbai organised by TISSAA.
- Attended two week Capacity Building Programme for Social Science faculty organised by the Centre for Research Methodology, TISS from 18th October to 31st October 2015, sponsored by ICSSR, New Delhi.
- Attended National Conference on “Remembering Nash” organised by S.P.College, Pune on 15th and 16th February, 2016.
- Presented paper titled “Demographic Changes and Challenges of Population Aging” at National conference on Exploring Contemporary Trends in Social Sciences on 7th and 8th March, 2016 organised by S.P.College and supported by BCUD, SPPU.
- Worked as a member of organising committee for the national conference on “Emotional Intelligence: Role in Human Life” organised by the Department of Psychology, Modern College of Arts, Science and Commerce, Pune-5 on 5th and 6th February 2016.

5. Ms. P.B.Mujumdar

- Completed Refresher Course in the subject Computer Application in Social Sciences (Economics) conducted at Department of Education and Extension, SPPU from 12/10/2015 to 1/11/2015.
- Presented paper titled “Measurement of Financial Performance of Commercial Banks by Applying CAMEL Model: A Case Study of State Bank of India” at state level seminar on “Recent Development in Indian Banking System” organised by Kaveri College of Arts, Science and Commerce, Pune on 23rd January, 2016.
- Worked as a member of organising committee and attended International Conference on “Innovations in Teaching, Learning and Evaluation in Higher Education” organised by Modern College of Arts, Science and Commerce College, Pune-5 on 29th and 30th January, 2016.
- Worked as a member of organising committee for the national conference on “Emotional Intelligence: Role in Human Life” organised by the Department of Psychology, Modern College of Arts, Science and Commerce, Pune-5 on 5th and 6th February 2016.

- Attended National Conference on “Remembering Nash” organised by S.P.College, Pune on 15th and 16th February, 2016.

6. Dr.JaysreeNambiar

- Awarded Ph.D. in Economics from SavitribaiPhule Pune University on “Impact of Organised Retail Sector on Unorganised Retail Sector with reference to consumer Durables”.
- Published research paper in RESECO – A Research Annual of Post –graduate Research Centre, Department of Economics, Modern College, Pune-5 titled “Foreign Trade Liberalisation in India Since 1991” Vol.1 (Issue1), October 2015, ISSN: 2395-6860.
- Published research paper “MGNREGA- A Solution to Disguised Unemployment in India” in the proceedings of National Seminar on “MG NREGA- Problems and Prospects” organised by Poona College on 29th and 30th January, 2016. ISSN No: 978-81-931130-0-4.
- Worked as a member of organising committee and attended International Conference on “Innovations in Teaching, Learning and Evaluation in Higher Education” organised by Modern College of Arts, Science and Commerce College, Pune-5 on 29th and 30th January, 2016.
- Worked as a member of organising committee and attended the national conference on “Emotional Intelligence: Role in Human Life” organised by the Department of Psychology, Modern College of Arts, Science and Commerce, Pune-5 on 5th and 6th February 2016.

- 7. Prof. Mrs Puja Badekar** – Passed SET Exam.
- **Dr. Madhu Satam**
Head

Department of English

Following activities were conducted in the year 2015-2016:

- 1) A Lecture Series was organized on “Career in Foreign Languages” on 20th August 2015 in association with Rotary Club of Shivajinagar, Pune.

Following resource persons were invited :

- Aditi Wadnerkar : Chinese Language Expert
- Manasi Shirgurkar : Japanese Language Expert
- Lalita Marathe : German Language Expert and Translator.
- Sandeep Nulkar: BITS, Pune (Translation Company)

Following students were felicitated by Rotary Club of Shivajinagar, Pune for their efforts in language skills.

- Roma Milind Abhyankar for pursuing her studies in English in spite of her background in Finance studies.
 - Uma Kurdukar for her multilingual skills. She is pursuing her studies in Spanish, German and Japanese.
 - Ashwini Patil as a promising student in German classes.
 - Vilina Inamdar for her studies in Marathi in spite of her being Ph.D. in Geography.
- 2) A Lecture Series was organized on "Career in Journalism" on 6th January 2016 in in association with Rotary Club of Shivajinagar, Pune.

Following resource persons were invited :

- Madhav Mukund Gokhale : Bilingual Journalist from Sakal Papers
- Radhika Sathe : Fashion Journalist
- Prabha Chandran : Sahara India Ltd. e-media expert

Mrs. Alka Kamble worked as a coordinator for these two programmes

- Book Club activity was conducted by Ms. Dipali Lodh and Ms. Sangita Sarma.

Following books were read in class followed by the discussion. The students of F.Y.B.A. General English and S.Y. and T.Y.B.A. special English participated in the activity.

- 13th July 2015- The Sign of Four- Sir Arthur Conan Doyle.
 - 1st August 2015- Not Without My Daughter - Betty Mehmoody.
 - 31st August 2015- The Scarlet Letter- Nathaniel Hawthorne.
 - 21st September 2015- Dollar Bahu- Sudha Murthy.
 - 13th February 2015- Jane Eyre- Charlotte Bronte.
- 4) Mrs. Alka Kamble screened "Wada Chirebandi" (The Old Stone Mansion) for S.Y. B.A. class and "Guide" for T.Y.B.A. class.
- 5) Mrs. Pallavi Math organized essay competition, word building, elocution and literary quiz in the Additional English class. The story "The Last Leaf" for S.Y. B.A. and "King Lear" was screened in M.A. classes
- 6) Mr. Pankaj Lokhnde screened "Waiting For Godot" for MA classes.

Staff Activities :

Mrs. Alka Kamble

- a) Worked as a coordinator for Rotary Club of Shivajinagar, Pune Programmes. Six lecture series were organized on career opportunities in the field of Music, Languages, Designing and Journalism.

- b) Was invited as honorary guest for an International Conference organized by Society for Technical Communication, International Organization (STC)
- c) Was invited to chair a session at National Conference organized by ELTIS Symbiosis, Pune, on "Developing Listening Skills" on 5th and 6th February 2016.
- d) Worked as chairman of Medical Check up Committee. Held Medical Check up camp of 1300 students of FY classes.
- e) Worked as Member of organizing committee Two Day National Seminar organized by Psychology Department of the College.
- f) Conducted a session at Soft Skills Workshop on Phonetic Sounds of English funded by SPPU in the college.
- g) Attended a seminar organized by Azam College of Education on 26th February 2016.
- h) Attended a two – day workshop on Use of Innovative Techniques in Teaching organized by P.E. Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5.

Ms. Dipali Lodh

- a) Conducted classes for M.Sc. Zoology students on Skills in Scientific Communication and Writing
- b) Completed a Refresher Course in Indian Languages organized by the Department of English, SPPU, with an A Grade
- c) Was invited as Visiting Faculty for PG students at Nowrosjee Wadia College, Pune and St. Mira's College for Girls, Pune.
- d) Delivered a Guest Lecture at Kaveri College of Arts, Science and Commerce, Pune on Popular Writing in English in India on 28th Jan. 2016.
- e) Presented a paper entitled ' Chick-Lit: An Emerging Trend in Indian English Writing at a National Conference at Abeda Inamdar College of Arts, Science and Commerce, Pune on 29th and 30th Jan. 2016.
- h) Worked as Member of organizing committee Two Day National Seminar organized by Psychology Department of the College on 'Emotional Intelligence Role in Human Life' on 5th and 6th February 2016.

Mrs. Pallavi Math

- a) Attended a seminar organized by Azam College of Education on 26th February 2016.
- b) Attended a two – day workshop on Use of Innovative Techniques in Teaching organized by P.E. Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5.
- c) Worked as Member of organizing committee (Editorial Committee) Two Day National

Seminar organized by Psychology Department of the College on 'Emotional Intelligence Role in Human Life' on 5th and 6th February 2016.

Ms. Sangita Sarma

- a) Undertook Lectures on Human Rights Education (HRE) based on syllabus as prescribed by the SPPU for all Post Graduate Departments at Modern College of Arts, Science and Commerce.
- b) Participated in a National Conference on 'Status of Languages in the Process of Translation from English to Marathi and Vice Versa' at Shahu College during January 08-09, 2016.
- c) Presented a Paper titled "Is Indian Feminist writing in danger of being stereotyped?" at a One Day State Level Seminar on "Recent Trends and Changes In Indian English Literature"; held at Appasaheb Jedhe Arts, Commerce & Science College on January 23, 2016.
- d) Participated in a State Conference on 'Translation Trends and Studies: Tools and Challenges' at S P College, Pune during March.

Mr. Pankaj Lokhande

- a) Conducted Communicative English Classes for weak students.
- b) Conducted Translation Studies Programme for PG students of the Department under Skill Development Program.
- c) Worked as Member of organising committee of "Vyapar Mela".

- Alka A. Kamble
Head

Department of Geography

Activities:

Excursion Tours and Village Survey

- On 22nd August 2015 a study tour was arranged for T.Y.B.A. (Geography Special) students to Kas-Pathar and Bannoli, Dist. Satara.
- Village survey of Malin, Tahsil-Ambegaon was conducted in September 2015 and village survey report was prepared by students. All the members of the staff and post graduate students participated in the village survey.
- From 4th January to 13th January 2016 a study tour was arranged for S.Y.B.A. students to Kerala and Kanyakumari.
- From 25th January to 4th February 2016 a study tour was arranged for S.Y.B.Sc. and T.Y.B.A. students to Rajasthan.
- On 24th Feb. 2016 a study tour was arranged for S.Y.B.A., S.Y.B.Sc., T.Y.B.A. and M.A. /M.Sc. students to Ralegan Siddhi, Dist. Ahmednagar. A village survey report was prepared by M.Sc. II students. River profile of River Dudhi was prepared by students.

Achievements by Teachers –

Dr. A. E. Sonawane

- Worked as a Paper Setter for UG level at Bharati Vidyapeeth University, Pune and also at Tilak Maharashtra University.
- Authored a book on "Population and Settlement Geography" for T.Y.B.A. (Special) published by Diamond book publications.
- Worked as a Coordinator for T.Y.B.A. / T.Y.B.Sc. Geography Practical examinations for Pune District.
- Presented and published a paper in the National conference at Kolhapur entitled "A Geographical Analysis of Density and Sex Ratio in Pune District Maharashtra".

Prof. S. S. Tarange

- Qualified UGC/ C.B.S.E. SET Exam held on 6th September 2015.
- Attended National Conference on "Resource Planning and Development- Indian Scenario" organized by Department of Environmental Science, Shivaji University Kolhapur.
- Attended National Seminar on "New Thrust Areas in Teaching & Research in Geography" organized by Department of Geography, Savitribai Phule Pune University.

Lectures for Students –

1. Dr. V. B. Kamble delivered a lectures for Biotechnology students on "Competitive Examination-Post and Syllabus" and on "M.P.S.C. / U.P.S.C. / C.D.S. Examination-Preparation". He also delivered a lecture for Geography special students on "Services and Scope of Geography".
2. Prof. N. L. Wayal delivered a lecture for Geography special students on "Importance of Remote Sensing & GIS".
3. Dr. A. E. Sonawane delivered a lecture on for Geography special students on "Importance of Remote Sensing in Regional Planning".
4. A lecture on "Career Opportunities in Education" was delivered by Mrs. Joshi, Principal of Modern College of Education in March 2016.
- **Jal Jagruti Abhiyan** was conducted as per the guidelines of the Government of Maharashtra. Under this Abhiyan following programmes were conducted :
 - i. Principal Dr. R. S. Zunjarrao delivered a lecture on "Water Resources :- Importance and Conservation" on 21st March 2016.
 - ii. A visit of students and staff was arranged to 'Water Purifier Project' on 22nd March 2016.

- Dr. N.J. Kulkarni
Head

Department of German

The year 2015-16 was indeed a special one for the department of German as it marked the beginning of German Special for B.A. studies. Students of senior college can now opt for German as their major subject for B.A. This was possible because of the kind support of Principal Dr. Rajendra Zunjarrao. The department started this new venture with six enthusiastic students.

Activities:

- **20th August 2015:** Seminar on 'Career guidance on Scope of foreign languages' was organized by the Department of German. Esteemed translators and linguists Mrs. Lalita Marathe and Mrs. Aditi Wadnerkar were the keynote speakers. Through the interactive session held through this event, students were motivated and informed about the various choices and importance of learning and understanding a foreign language and its cultural benefits. The event was supported by Rotary Club of Pune, Shivajinagar.
- **27th August 2015:** With the initiative of Partner School of the Future (PASCH) a Drum Circle activity was organized in our College. Taal inc has gained popularity in recent times in our city. The drum circle institute emphasizes on the importance of learning through Music. The Music Therapy sessions which are highlighted by this institute also helps release stress and deals with anger management. Our students thoroughly enjoyed this activity and are looking for more opportunities as these in the near future.
- **9th September 2015:** With the growing number of German company setups in Suburbs of Pune, the department intended on widening the knowledge horizons of its students. Learning a foreign language also certainly has its vocational benefits. Apart from academic and cultural interests, learning a foreign language strengthens ones chances to work in an internal acclaimed industries, such as Volkswagen. The visit was co-organized by PASCH.
- **13th October 2015:** Learning a foreign Language never restricts only to the language and its colloquial usage. Knowing the people and its culture also plays a vital role in understanding a foreign language. Thus the department immediately grabbed on the opportunity, and invited an enthusiastic Intern, Ms. Juliett Ackermann. She held an interesting Seminar on 'Food and Culture of Germany' (Essen und Trinken in Deutschland). The students left the classroom, mesmerized and if we might add, with a growling stomach!

- **5th December 2015:** After the academic struggles at college level, students are always looking out for opportunities for higher studies, abroad if offered a chance. PASCH aptly organized a "University fair" in the month of December 2015. Twelve high ranked universities from Germany were a part of the university fair. The students could visit each university booth and get first hand information through Experts. Our students participated in large numbers at the fair and looked out for career as well as academic opportunities at university level.
- **December 2015:** Every intern of German nationality has his/her areas of expertise, the department of German, invited Ms. Magdalena Simmerer to speak about her topic of interest. (Film und Theater im DaF Unterricht). Seminar on 'Film and Theater in German studies' What a wonderful chance for the students to know how the Theater Industry functions in Germany! A theoretical as well as practical experience in Theater world in Austria was shared by Ms. Magdalena Simmerer.
- **March 2016:** An interactive workshop on 'Scope and career opportunities of German Studies in Pune' on the Plethora of career opportunities through learning of a Foreign Language was held on 14th March 2016. The speakers were Dr. Sunanada Mahajan, SPPU and Mr. Christoph Senft, representative of DAAD.
- One day workshop of creative writing (Konkrete Poesie) was conducted by Ms. Sneha Mahajan to improve students' writing skills in German.
- Film Workshop was conducted by Ms. Sneha Mahajan.
- Students of S.Y.B.A actively participated in a students' chat club called 'Stammtisch' which was organized by the teachers of Modern College, Fergusson College and S.P. College. The idea was to make the students interact with each other, communicate in German and exchange ideas. Every meeting had a specific topic, each related to the culture of Germany like food, festivals, geographical features etc.

Achievements

- A1 and A2 courses and examinations were successfully conducted in the college. The students passed the exams with flying colors.
- Ms. Sana Oswal of 11th Arts was awarded with a PASCH scholarship. It will be a full paid scholarship. She will be going to Germany to participate in the youth camp and German language course.
- Four students of S.Y.B.A German special applied for the DAAD essay writing competition. The

essays of following students were selected by the DAAD Committee, New Delhi :

Prachi Atre, S.Y.B.A., Ashwami, S.Y.B.A. and Aditi Jagdale, S.Y.B.A.

Under this selection these students got full scholarship to attend a German Language Course in the Humboldt University, Berlin.

Sanjivani Kuvalekar

- Was awarded with the prestigious PAD (Paedagogische Austausch Dienst) scholarship under which she got an opportunity to witness the teaching and administrative working of a school in Garbsen, Hannover, Germany. It proved to be a fruitful trip from the point of view of establishing an MOU with the school.
- July 2015: Attended PASCH yearly meeting and film seminar.
- October 2015: Attended a conference in Agra (SIS PASCH). Many South Asian countries participated in the conference. It was a good intellectual and cultural exchange where teachers got to know about German teaching in all of these countries and also attend small workshops and presentations.

Sneha Mahajan

- July 2015: Attended PASCH yearly meeting and film seminar.
- October 2015: Attended a conference in Agra (SIS PASCH). Many South Asian countries participated in the conference.
- Presented a paper at the SIS PASCH conference on the topic 'Use of gestures and expressions in teaching German'.
- Co-organized the industrial visit to Volkswagen, Chakan.
- Attended a seminar on 'Introduction to Philosophy- Introduction to German philosophers: Immanuel Kant, Friedrich Nietzsche, Martin Heidegger'.
- Co-organized a students' chat club called 'Stammtisch' which was organized by the teachers of Modern College, Fergusson College and S.P. College.
- Conducted a one day workshop of creative writing (Konkrete Poesie)
- Conducted a film Workshop. The film 'Life of others' (Das Leben der Anderen) was screened for students of S.Y.B.A German special which dealt with the life and problems of people in East Germany.
- Awarded with a scholarship to Germany, June 2016 by PASCH, Goethe Institute. She will be going to Munich, Germany in June 2016 to attend a two weeks course named 'Studienbegleitender Deutschunterricht'

- Sanjeevani Kuvalekar

Head

Department of Hindi

The department of Hindi organized several competitions, workshops and programs for students over the last one year.

- Essay Competition was organized for the students F.Y.B.A. and advertisement writing competition for F.Y.B. Com. and S.Y. B.A. students. Prizes were given on the occasion of Hindi Day in September 2015.
- Hindi Day celebration was organized on 16th September 2015. Dr. Padmaja Ghorpade, Head, Department of Hindi, S.P. College, Pune was the Chief guest of the program.
- Our S.Y. B.A. and T.Y. B.A. Hindi Special level students sketched posters as their projects. S.Y. B.A. special level students penned some dialogues used by us in day to day routine while student of T.Y. B.A. translated some famous Hindi proverbs into Marathi.
- Dr. Padmaja Ghorpade delivered a lecture on importance of Hindi language in our daily routine.
- Following winners were felicitated on this occasion.
- Essay Writing competition – Aishwarya Kamble and Ashwini Ranghe (XI), Minal More (F.Y. B.A.), Pooja Bhandari (F.Y. B.Com.).
- Advertisement writing competition – Palesha Vinita (F.Y. B.Com.), Yashna Prayag (S.Y. B.A.), Dimple Agarwal, Priyanka Patole and Apekshita Hulgol (S.Y. B.A.), Pooja Bhandari (F.Y. B.Com.).
- On 23rd December 2015, a one day workshop on 'Spelling and grammar' was organized. Thirty five students participated from both junior and senior wing. Dr. Neelima Vaidya conducted the workshop. A written objective level test for students was conducted. At the end of the workshop, certificates were distributed at the hands of Dr. Neelima Vaidya. Dr. Nayana Kulkarni (Vice Principal, Arts Faculty) was the Chairperson on this occasion.
- A hand written magazine Yuva Chetana was released at the hands of Dr. Neelima Vaidya and Dr. Nayana Kulkarni.
- On 18th January 2016, Department of Hindi, Arts Association, Department of Marathi and Yuva Manch jointly organized Hindi- Marathi recitation competition. Eighteen students participated in the competition. Dr. Sunil Deodhar, Hindi Program officer – AIR, Pune and eminent Marathi writer Dr. N.M. Joshi were the chief guests and examiners at this event.

- Winners of the competition –
Siddhartha Joshi (T.Y. B.A. -1st prize)
Aparna Mhaske (M.A. Marathi- 2nd prize)
Ankush Arekar (S.Y. B.A. - 3rd prize)
Priyanka Misal (S.Y. B.Sc.- Consolation)
- Ankush Arekar compered the program. Dr. Prerana Ubale and Dr. Vijayanti Jadhav took efforts to make the program a huge success.

Individual Achievements

Prof. Sunita Purohit

- 14th September 2015 – Invited as a chief guest at SNDT College, Pune on the occasion of Hindi day.
- 11th December 2015 – Invited to participate on an open discussion on 'Media and freedom of expression' on All India Radio, Pune in Hindi program Kalash.
- 20th & 21st February 2016 – Worked as a paper setter at St. Mira's College, Pune.
- Worked as a member of organizing committee for the National conference on 'Emotional intelligence: Role in human life' which was organized by Department of Psychology, Modern College, Pune, on 5th and 6th February 2016.
- 19th March 2016 – Compered a program at Maharashtra Rashtrabhasha Sabha, Pune on Amrut Mahotsav Samapan Samaroh.

Dr. Prerana Ubale

- 19th June 2015 – A lecture on Hindi grammar for teachers at Unique vision English medium school, Chinchwad.
- December 2015 – Wrote an article on 'Bharatiya Sanskriti ke vividh ayam' a book edited by Dr. Zanvar.
- January 2016 – Elected as a trustee member on Mayboli Institute, Pune.
- Attended one day National seminar on 18th January 2016 – 'Hindi-Marathi bhasha aur asmita ke sawal' organized by Hindi- Marathi department of SNDT College, Pune.
- 29th & 30th January 2016 – Participated and presented poster in two days international conference on 'Innovations in teaching, learning and evaluation in higher education' organized by Modern College, Shivajinagar, Pune.
- Worked as a member of organizing committee for the National conference on 'Emotional intelligence: role in human life' which was organized by department of Psychology, Modern College, Pune on 5th and 6th February 2016.

- Prof. Sunita Purohit
Head

Department of History

The department took initiative in organizing a Certificate course on the ancient 'Modi-Script'. Archaeology department of Maharashtra State conducted this course from 4th August to 14th August 2015. There was an overwhelming response. All passed the examination conducted at the end of the course.

Dr. Manda Admane

- Attended the State level Seminar on 'Research in Social Sciences: Techniques and Trends in International teaching technology'.
- Attended the National level 'Capacity building programme' for faculty of Social Science, sponsored by ICSSR, New Delhi, organized by Indian Institute of Education, Pune from 17th March to 31st March 2016.
- Participated in the National seminar organized by Department of Psychology, of our college.
- Participated in the NSS winter camp in December 2015.
- Participated in activities of the Arts Circle.

History Museum was established by the department in the college under the guidance of eminent experts, by the initiative of Principal Dr. R. S. Zunjarrao.

- Dr. Manda Admane

मराठी विभाग

मराठी संशोधन केंद्रामध्ये संशोधन करणाऱ्या विद्यार्थ्यांची संख्या वाढत आहे. सध्या एकूण २४ विद्यार्थी संशोधन कार्य करीत आहेत.

इंग्लिश-मराठी अनुवाद वर्गाचे हे पाचवे वर्ष असून हा एक वर्षाचा पदविका अभ्यास वर्ग यशस्वीरित्या घेण्यात आला. सामाजिक बांधीलकीच्या दृष्टिकोनातून मराठी विभागांतर्फे 'मराठीच्या प्रमाण भाषेचे लेखन' असा वर्ग दर शनिवारी आयोजित केला जात आहे. डॉ. स्नेहल तावरे यांनी या वर्गाचे आयोजन केलेले आहे. या वर्गामध्ये पुण्यातील गृहिणी, विद्यार्थी आणि ज्येष्ठ नागरिक उपस्थित असतात.

मराठी भाषा गौरव दिनाचे कार्यक्रम

मराठी भाषा गौरव दिन आणि कुसुमाग्रज जन्मदिन या निमित्ताने खालील कार्यक्रम आयोजित केले होते :

हस्ताक्षर स्पर्धा, निबंध स्पर्धा, काव्यवाचन स्पर्धा आणि कविता पाठांतर स्पर्धा. त्याचा निकाल खालीलप्रमाणे -

हस्ताक्षर स्पर्धा

प्रथम : तेजस्विनी पाटील - एम.ए. भाग १

द्वितीय : रियाज मकानदार - तृतीय वर्ष बी.ए.

तृतीय : पल्लवी गवळी - तृतीय वर्ष बी.ए.

निबंध स्पर्धा

प्रथम : इरफाना कुरेशी - एम.कॉम., द्वितीय वर्ष

द्वितीय : आदिती मोघे - तृतीय वर्ष बी.ए.

तृतीय - रोजा चावरे - तृतीय वर्ष बी.ए.

काव्य वाचन स्पर्धा -

प्रथम : ओंकार जाधव - तृतीय वर्ष बी.ए.

द्वितीय : शेखर चोरगे - द्वितीय वर्ष बी.ए.

तृतीय : पूजा आल्हाट - एम.कॉम. द्वितीय वर्ष

कविता पाठांतर स्पर्धा

प्रथम : कुणाल भालेराव - एम.ए. भाग २

द्वितीय : आशा खटींग - तृतीय वर्ष बी.ए.

मराठी संशोधन केंद्र आणि मराठी विभाग यासाठी महाविद्यालयाने स्वतंत्र जागा उपलब्ध करून दिली. या नूतनीकरण केलेल्या विभागाचे उद्घाटन मा. डॉ. द. ता. भोसले यांच्या हस्ते आणि प्राचार्य डॉ. राजेंद्र झुंजारराव, संस्थेचे सचिव प्रा. शामकांत देशमुख यांच्या उपस्थितीत झाले.

प्राध्यापकांची कामगिरी -

डॉ. स्नेहल तावरे -

- १) मॉरिशस येथील महात्मा गांधी इन्स्टिट्यूटने आयोजित केलेल्या आंतरराष्ट्रीय परिषदेमध्ये 'भारतीय संतांचे योगदान' या विषयावर शोधनिबंध सादर केला.
- २) दुबई येथील मनिपाल युनिव्हर्सिटीने आयोजित केलेल्या 'देशविदेशातील व्यवस्थापन गुरु' या विषयावरील आंतरराष्ट्रीय परिषदेमध्ये शोधनिबंध सादर केला.
- ३) थायलंड येथील 'इंडिया-थाय चेंबर ऑफ कॉमर्स' ने आयोजित केलेल्या आंतरराष्ट्रीय चर्चासत्रामध्ये 'भारतीय, लोकसंस्कृतीचे स्वरूप' या विषयावर शोधनिबंध सादर केला.
- ४) 'शब्दवैभव' कविसंमेलनात प्रमुख पाहुणे म्हणून व्याख्यान.
- ५) डॉ. न. म. जोशी यांच्या हस्ते 'साहित्य संवर्धन' हा पुरस्कार.
- ६) बी.एम.सी.सी. आयोजित ग्रंथ प्रदर्शनाचे उद्घाटन आणि 'वाङ्मय संस्कृती : विचार आणि निर्मिती' यावर भाषण.
- ७) संस्थेच्या ८१ वर्षांच्या निमित्ताने प्रो.ए.सोसायटीने प्रकाशित केलेल्या स्मरणिकेत 'म मॉडर्नचा : एक परवलीचा शब्द' हा लेख प्रसिद्ध.
- ८) 'स्त्री अभ्यासांच्या विविध दिशा' या डॉ. शोभा पाटील गौरव ग्रंथाचे प्रकाशन, ग्रंथासाठी 'पाठराखण' मजकूर लिहिला.
- ९) श्री. शाहू मंदिर येथे झालेल्या भाषांतर कार्यशाळेचे सत्रअध्यक्ष म्हणून भाषण.
- १०) सित्रर येथील महाविद्यालयात 'संशोधन : स्वरूप आणि व्याप्ती' या विषयावरील राज्यस्तरीय चर्चासत्रामध्ये समारोप अध्यक्ष म्हणून भाषण.

- ११) श्रीरामपूर येथील बोरावके महाविद्यालयाने आयोजित केलेल्या आंतरराष्ट्रीय चर्चासत्राचे सत्रअध्यक्ष म्हणून भाषण.
 - १२) लोणी काळभोर येथील राज्यस्तरीय चर्चासत्रामध्ये 'दुष्काळाचे मराठी साहित्यातील चित्रण' या विषयावरील चर्चासत्राचे समारोप सत्राचे अध्यक्ष म्हणून भाषण.
 - १३) सावित्रीबाई फुले पुणे विद्यापीठाने क्रमिक म्हणून नेमलेल्या दोन पुस्तकांचे संपादन आणि प्रस्तावना लेखन.
 - १४) कोल्हार, जि. अहमदनगर येथील महाविद्यालयात घेतलेल्या चर्चासत्रामध्ये सत्रअध्यक्ष म्हणून भाषण.
 - १५) राजगुरुनगर महाविद्यालयाने आयोजित केलेल्या 'लोकनेते शरद पवार : जीवन व कार्य' चर्चासत्रामध्ये प्रमुख पाहुणे म्हणून भाषण.
 - १६) सर परशुरामभाऊ महाविद्यालयाने आयोजित केलेल्या 'भाषांतर : एककला' या चर्चासत्रामध्ये प्रमुख पाहुणे म्हणून भाषण.
 - १७) 'सक्षम समीक्षा' या मासिकात 'छत्रपती शिवाजी महाराजांचे योगदान' या विषयावरील लेख प्रसिद्ध.
 - १८) 'बालशिक्षण मंदिर' आयोजित कार्यशाळेत 'मराठी गोष्टी' या विषयावर भाषण.
 - १९) ● गंधगाभारा ● अंधरातून प्रकाशकडे ● स्पंदन, भेगाळलेल्या भुईचं. ● वादळांना झेलताना. ● एकच ध्यास देहुरेड भम्मभूमीचा विकास. ● महाराष्ट्रातील सैनिकी शाळा या पुस्तकांना प्रस्तावना-लेखन.
 - २०) 'स्त्री स्पंदने' या पुस्तकाचे संपादन व लेखन.
एम.ए. मराठी विभागाचा निकाल १००% लागल्याबद्दल विभागप्रमुख म्हणून डॉ. स्नेहल तावरे यांचा प्रतिनिधी स्वरूपात संस्थेतर्फे सत्कार करण्यात आला.
- #### डॉ. वैजयंतीमाला जाधव
- १) भाषांतराचे महत्त्व आणि त्यातील अडचणी याविषयावर राज्यस्तरीय चर्चासत्रात, शाहू महाविद्यालय, पर्वती येथे निबंधवाचन.
 - २) हुतात्मा राजगुरु महाविद्यालय, खेड येथील राज्यस्तरीय चर्चासत्रात 'शरद पवार आणि महिला सबलीकरण' या विषयावर निबंधवाचन.
 - ३) नारायणराव बोरावके महाविद्यालय, श्रीरामपूर येथील आंतरराष्ट्रीय चर्चासत्रात "साहित्य आणि सामाजिक शास्त्रे" या विषयावर निबंध वाचन.
 - ४) बी.डी. काळे महाविद्यालय, घोडेगाव येथील राष्ट्रीय चर्चासत्रात 'यशवंतराव चव्हाण यांचे साहित्य क्षेत्रातील योगदान' या विषयावर निबंधवाचन.
 - ५) शिवाजी कॉलेज, सातारा येथील राष्ट्रीय चर्चासत्रात प्रसारमध्यमे आणि नोकरी व्यवसायाच्या संधी या विषयावर संशोधनपर निबंध सादर.

Congratulations



Prof. P. S. Chirputkar
Appointed as Vice-Chairman
Business Council, PES



Prof. P. G. Dixit
Appointed as Vice-Principal



Prof. Sanjay S. Thengadi
Appointed as Co-ordinator
(Administration)



Prof. Valmik Wagh
Qualified SET Exam.
in Political Science



Sayali Bahirat
11th-G
Best Student Jr.College



Ishita Gadgil
M.A. English
Best Student Post Graduate



CDT Kapil Sabale
RDC Cadets - 26th Jan. 2015.



Supriya Borchate
ICSR(W)



Shamrao Daundkar
ICSR(M)



Tejal Sonawane
UR



DAAD Scholarship Winners
selected for the language course in Berlin, Germany.
From left : Prachi Atre, Ashwami Patil, Aditi Jagdale



Viraj Dhokale
S.Y.B.C.S.
Shiv Chhatrapati Award

WE THE STAFF

**Administrative
Staff**



**Arts
Faculty**



**Science
Faculty**



WE THE STAFF

**Science
Faculty**



**Science
Faculty**



**Commerce
Faculty**



WE THE STAFF

Junior
College



Gymkhana
and
Library



Office
Staff



WE THE STAFF

**Non-Teaching
staff**



**International
Student
Cell**



**Avishkar
Group**



NCC



NCC Day - Weapon Exhibition



Swachh Bharat Abhiyan



NCC Day - Field Demonstrations



NCC Alumni Meet



Felicitation of Cadets by Col. Karan Dhindsa



Cane drill on NCC Day

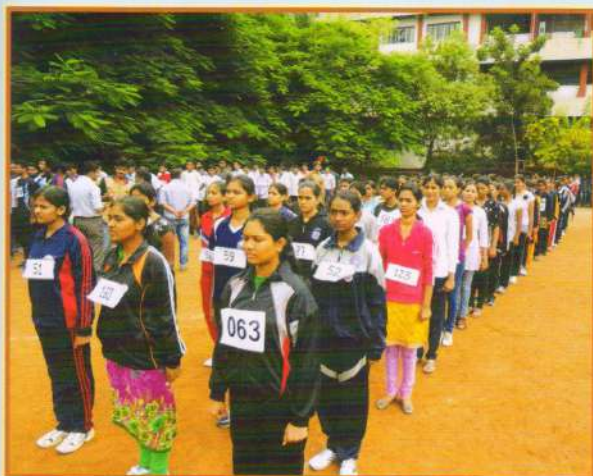


Blood Donation Camp



Blood Donation Camp

NSS



Pre RD / SRD Selection camp



Inauguration of Blood donation camp



Shri. Milindbhai Ekbote addressing the campers



Volunteers preparing garden at Nursery school of Phulgaon



Swachh Bharat Abhiyan



'Plastic garbage free Pune' Campaign

Art Circle



Inaugural Address



Inauguration of Art Circle



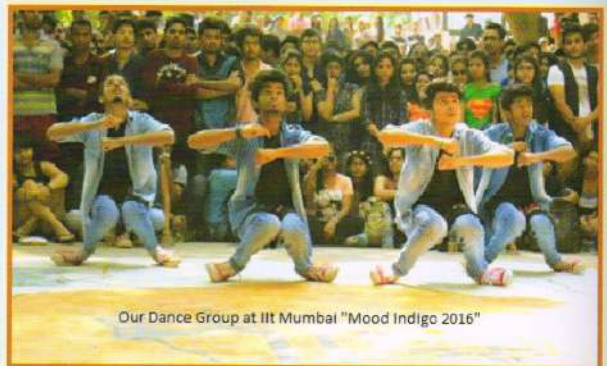
RYLA Activity



Kalasaptah - Rangoli



College BAND



Dance Group



Girls' Dhol-Tasha - Performance in Jatan Youth Festival



डॉ. मधुरा कोराडे

- १) एकपात्री प्रयोग; स्वरूप आणि कलारूप (स्नेहवर्धन प्रकाशन, द्वितीय आवृत्ती प्रकाशित (२०१५)
- २) 'विद्यावाणी' येथे 'आई म्हणोनि कोणी' या एकांकिकेचे नाट्यवाचन प्रसारित.
- ३) 'नीहार', 'चैत्राली', 'चिंतन आदेश', 'विपुलश्री' इत्यादी नियतकालिकांमधून नाट्यविषयक लेख प्रसिद्ध.

प्रा. निशा भंडारे

- १) 'रा. ना. चव्हाण यांचे धर्म आणि समाजसुधारणा विषयक विचार आणि कार्य' या विषयी राष्ट्रीय चर्चासत्रात 'रा. ना. चव्हाण यांचे धर्मविषयक चिंतन' निबंध वाचन, शिवाजी विद्यापीठ, कोल्हापूर.
- २) मुगुटराव साहेबराव काकडे महाविद्यालय, सोमेश्वरनगर येथे तृ.व.कला पुनर्रचित अभ्यासक्रम कार्यशाळेत निबंधवाचन.
- ३) सी.टी. बोरा कॉलेज, शिरूर येथे राष्ट्रीय चर्चासत्रात 'दलित साहित्याच्या बदलत्या दिशा' या विषयानुसार निबंध वाचन.
- ४) हुतात्मा राजगुरु शिक्षण प्रसारक मंडळाचे, कला, वाणिज्य व विज्ञान महाविद्यालय, हेडणे येथे राज्यस्तरीय मराठी चर्चासत्रात "१९१० नंतरची कथा व कविता" निबंध वाचन.
- ५) संस्कार मंदिर संस्थेचे कला व वाणिज्य महाविद्यालय, वारजेमाळवाडी आयोजित राज्यस्तरीय चर्चासत्रात 'साहित्यकृतीचे माध्यमांतर, विषयावर निबंध वाचन.
- ६) पुरंदरचे 'शरदचंद्रजी पवार महाविद्यालय, जेजुरी कला व वाणिज्य महाविद्यालयात 'सॉफ्टस्किल डेव्हलपमेंट कार्यक्रमात 'व्यक्तिमत्त्व विकास' या विषयावर मार्गदर्शन केले.
- ७) 'कला, वाणिज्य व विज्ञान महाविद्यालय, नारायणगाव (पुणे) येथे निर्भय कन्या अभियान कार्यशाळेत उद्घाटक म्हणून मार्गदर्शन.
- ८) सावित्रीबाई फुले पुणे विद्यापीठ, मराठी विभाग आयोजित राष्ट्रीय चर्चासत्रात 'नाटककार सतीश आळकर' ह्या विषयावरील चर्चासत्रात सहभाग व माजी विद्यार्थी मेळाव्यात मनोगत व्यक्त केले.
- ९) श्री सिद्धविनायक महिला महाविद्यालय, कर्वेनगर, पुणे ५२ येथे 'सावित्रीबाई फुले यांचे जीवनचरित्र' या विषयावर व्याख्यान.
- १०) सम्यक साहित्य संमेलन 'फुले-शाहु-आंबेडकर विचारमंच' आयोजित साहित्य संमेलनात 'संयोजक' म्हणून कार्यरत व कविता वाचनात सहभाग.
- ११) लॉर्ड बुद्धा चॅनेलवर डॉ. बाबासाहेब आंबेडकर १२५ वी जयंतीनिमित्त 'डॉ. बाबासाहेब के विचारोंसे महिलाओं की प्रगती' विषयावर भाषण ३२ राज्यातून प्रसारित झाले.
- १२) 'सम्यक संघ' विश्रांतवाडी येथे 'डॉ. बाबासाहेब आंबेडकर जीवन चरित्रावर व्याख्यान दिले.
- १३) बाबासाहेब आंबेडकर : स्त्रियांच्या उन्नतीचे प्रगतीचे प्रेरणास्थान लेख प्रसिद्ध : 'पुण्यनगरी', रविवार विशेषांक.

- १४) सक्षम समीक्षा त्रैमासिकात 'रा. ना. चव्हाण यांचे डॉ. बाबासाहेब आंबेडकर चळवळ' या विषयीचा लेख प्रसिद्ध.
- १५) 'सुगावा' डिसेंबर आंतरजातीय विवाह विशेषांकात लेख प्रसिद्ध.
- १६) 'गोंदण' दिवाळी विशेषांकात मानवतावादी : डॉ. बाबासाहेब आंबेडकर लेख प्रसिद्ध.
- १७) मर्दानी जागतिक महिला विशेषांकात 'निशाते सामाजिक कार्यकर्ती प्रा. निशा भंडारे एक प्रवास' लेख प्रसिद्ध.
- १८) प्रोत्रेसिव्ह एज्युकेशन सोसायटी, शिवाजीनगर, पुणे आयोजित गुरुवर्य शंकरराव कानिटकर स्मृती क्रीडामहोत्सवात शिक्षक शिक्षकेतर क्रीडा स्पर्धेत डॉजबॉल, श्रोबॉल प्रथम क्रमांक विजेता संघात सहभाग.

- डॉ. स्नेहल तावरे
विभाग प्रमुख

राज्यशास्त्र विभाग

मॉडर्न कला, विज्ञान व वाणिज्य महाविद्यालयात राज्यशास्त्र या विषयाचे अध्ययन, अध्यापन केले जाते. राज्यशास्त्र हा विषय मराठी व इंग्रजी या माध्यमातून केले जाते. या विभागात प्रा. विष्णू श्रीमंगले व प्रा. विजय फासाटे हे अध्यापनाचे काम करतात.

प्रा. खोकले डी. एल. यांनी श्रीछत्रपती शिवाजी महाविद्यालय, जुन्नर येथे दि. ५ मार्च २०१६ ते ११ मार्च २०१६ या कालावधीत "मानवी हक्क आणि वंचित गट" या राष्ट्रीय चर्चासत्रात सहभाग घेतला. याच विभागातील प्रा. विष्णू श्रीमंगले यांनी सावित्रीबाई फुले पुणे विद्यापीठात आपला पीएच.डी. शोधप्रबंध सादर केला आहे. शैक्षणिक वर्ष २०१६-२०१७ पासून एम.ए. राज्यशास्त्र हा विषय सुरू करण्यात येत आहे.

- प्रा. खोकले डी. एल.
विभाग प्रमुख

Department of Psychology

Activities:

- **National Conference** - The department successfully organized a grand two-day (5th and 6th February, 2016) National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU), which saw special talks by resource persons of international repute from across India and active participation of over 300 participants.
- **Psychological wellness screening drive:** Under the guidance of Principal Dr. R. S. Zunjarrao, the department completed a first-of-its-kind psychological wellness screening drive along with the regular annual medical check-up

for first-year under-graduate students of the entire college and with the P.T. exam for the 11th Standard students.

- **Workshops** – Workshops organized by the department included a 'open-to-all' workshop on 'Bringing Emotional Intelligence in Classroom' by resource persons of EQUIP KIDS Thane, on Pre-marital counselling by Mrs. Anuja Kolhtkar, on HIV – AIDS by Mrs. Purva Deshpande, and on Qualitative Analysis by Ms. Gayatri Vartak.
- **Guest lectures** – Guest lectures aimed at holistic development of students through practical and like skills building included a documentary show on "Financial Literacy" by representatives of Dalal and Brocha financial consultants, an orientation program on 'Learning disability' by Dr. Shanta Vaidya Memorial Foundation - Maitra, an orientation program on 'Rational Emotive Behaviour Therapy' & 'Cognitive Behaviour Therapy' by Kaahalee Ghorpade, Guest Lecture on Learning Disability by Ms. Gurleen Kohli (alumni), and a guest lecture on the upcoming field of Sports Counselling by Ms. Gayatri Vartak (alumni).
- **Study Visits** – Students learnt psychological welfare activities, projects and modules being run by institutes like IPH, Thane, Schizophrenia Awareness Association (SAA), Bal Kalyan Sanstha, and Little Kingdom Montessori School through visits to their centre.

To give hands-on experience to students of M.A. Counselling Psychology and an extension activity, an awareness program was conducted in Corporation schools through the Earnst and Young Foundation.

- **Campus placement drive** - Campus placement drive was held at the department wherein representatives of Noitacude Educational Services and Samiksha Counselling Centre Pvt. Ltd. interviewed and selected second-year post-graduate students (selection ratio 10:4, 10:3 respectively).
- **Exhibition** – 'Psychology Book Exhibition' was organized by Forward books, wherein students could go through numerous reference books and even purchase them at a discounted rate.

Achievements of the department:

The department was sanctioned a two-year major research project titled "Emotional Intelligence among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates", by Indian Council of Social Sciences Research (ICSSR), Delhi, with a grant of Rs. 17 lakhs.

Achievements of the Faculty:

Dr. Amruta S. Oke

1. Research paper presented at International Conference at Kolkata (Oct., 2015).
2. Worked as Principal Investigator and sanctioned a two-year major research project titled "Emotional Intelligence among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates", by Indian Council of Social Sciences Research (ICSSR), Delhi, with a grant of Rs. 17 lakhs.
3. Organized National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
4. Invited as a resource person in National conference held at Ramakrishna More College, Akurdi.
5. Worked as a member of BOS in Psychology of St. Mira's College, Pune.

Mrs. Vijaya Jagtap

1. Poster titled 'Enhancement of Innovative Skills in Emotional Intelligence', presented at International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education'. Abstract published in abstract book.
2. Worked as Organizing committee member for National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
3. Attended ICSSR sponsored Two Week Capacity Building Programme.

Ms. Smita Vaidya

1. Completed 5 days Emotional intelligence trainers Certification course conducted by Equip kids, Thane.
2. Worked as Organizing committee member for National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
3. Guided 2 posters and 2 papers in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU). One paper got 2nd prize in paper reading competition.
4. Guided students for Avishkar Competition.
5. Participated and won in Throw ball and Dodge ball Competition in Kanitkar Smriti Sport Competition.

Mrs. Shradha Sakatkar

1. Paper presented at 8th India IGU International Conference on "Urban Health and Wellbeing" at SNDT Women's University, Pune (Nov. 2015), abstract published in abstract book.
2. Completed 5 days Emotional intelligence trainers Certification course conducted by Equip kids, Thane.
3. Worked as Organizing committee member for National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).

4. Guided 2 posters in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU)
5. Guided 2 students for Avishkar Competition.
6. Guided 2 students for Yuva Sanshodhak.
7. Conducted Parenting Workshops in different Schools.
8. Participated as Captain and won in Throw ball and Dodge ball Competition in Kanitkar Smriti Sport Competition.

Dr. Sairaj M. Patki

1. Paper titled 'Big Five Personality Factors as Predictors of Organizational Citizenship Behaviour: A Complex Relationship' selected for publication in International Journal of Indian Psychology, Vol. 3, Issue 2, No. 9, 2016, ISSN: (e)2348-5396, (p)2349-3429 (2015 Impact factor: 5.10)
2. Poster titled 'Learning through Play: Development of Test Trump Cards for Psychological Tests' presented at International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' organized by Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05. (Jan. 2016). Abstract published in Abstract Book.
3. Completed Ph.D. titled "Personality, Perceived Leadership Style, HRD Climate, Perceived Social Support and Organizational Citizenship Behaviour in Bank Clerical Employees" in December 2015, under the guidance of DR. Shobhana Abhyankar, at Department of Psychology, Savitribai Phule Pune University.
4. Completed 5 days Emotional intelligence trainers Certification course conducted by Equip kids, Thane.
5. Worked as Co- PI for the project "Emotional Intelligence among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates", sanctioned by Indian Council of Social Sciences Research (ICSSR), Delhi, with a grant of Rs. 17 lakhs.
6. Paper presented at 8th India IGU International Conference on "Urban Health and Wellbeing" at SNDT Women's University, Pune (Nov. 2015), abstract published in abstract book.
7. Worked as Joint secretary for the National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU)
8. Guided poster in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU)
9. Guided students for Avishkar Competition.

Students Achievements:

1. Ms. Sheetal Lakhani presented Paper at 8th India IGU International Conference on "Urban Health and Wellbeing" at SNDT Women's University, Pune (Nov. 2015), abstract published in abstract book.
2. Ms. Sanika Autade, M.A. II got selected for State level Avishkar competition.
3. Lavon Dawson and Shantveer Yadav from T.Y. B. A., and Ms. Monika Mishra, Ms. Chaitali Gawas, Mr. Sushant Joshi, Ms. Archana Chinchane Ms. Nivedita Dutta, Ms. Anuradha Ahirrao from M.A. II presented posters at Avishkar competition.
4. Ms. Monika Mishra got second prize in paper reading competition at National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU) and her research paper titled "General Indian Perspective on Breast Cancer & Uterus Cancer Surgery" selected for presentation in National Conference on "Indian Mind and Societal Concerns: An Interdisciplinary Dialogue" in New Delhi (April, 2016)
5. Ms. Sheetal Lakhani, Ms. Sanika Autade, Ms. Ankita Damle, Ms. Nikta Bagrodia, Ms. Rucha Ghanekar, Ms. Archana Chinchane, Ms. Monika Mishra, Ms. Mugdha Padhye, and Mrs. Aparna Dixit from M.A. presented papers / posters in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
6. Ms. Archana Chinchane, Ms. Nivedita Dutta and Mr. Suchant Joshi from M.A.-II were selected for 'Yuva Sanshodhak Scheme' of the college and presented posters thereof.
7. Research paper of Ms. Sneha Jhaveri titled "A Study on Locus of Control, Peer Influence on Dieting, Media Exposure and Body Image on Young Adults" selected for publication in Indian Journal of Health and Wellbeing (April 2016 issue).
8. Result analysis: B.A. - 100% M.A. - 97.05%

- Dr. Amruta Oke
Head

Department of Biotechnology

The department of Biotechnology conducted many activities in the year 2015-2016. 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. The main program conducted by the department was "Biotech Fest 2016" from 14th to 16th January 2016. Different competitions conducted were: Best out of waste, Fuel less cooking, Debate Competition and Salad decoration. The Parent-Teacher association meeting was also conducted in this year to initiate communication between faculty members and parents.

Another important event held on 16th Jan 2016 at the department was Alumni meet. The pass out students of M. Sc. Biotechnology were invited to share their experiences. These students guided the current students about job profiles, interviews and current scenario about the jobs in biotechnology field.

Department of Biotechnology organized lecture series on 'Spectroscopy' by Dr. Nazma Inamdar from 29th to 31st March 2016. A lecture by Dr. Rakesh Joshi was also organized on 'Proteomics' for M.Sc. II Biotechnology students.

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

Dr. Mrs Sangeeta Bhagat

- Research Project: BCUD research project sanctioned for the year 2014-16 - "Screening of some indigenous plant species for xanthine oxidase inhibitors – Potential remedy for GOUT".
- Guided students for Avishkar competition 2016, held in Baburao Gholap College.
- Attended 'Global Biotechnology Summit' at New Delhi on 5th and 6th February 2016.

Rebecca Thombre

- Research Project: BCUD research project sanctioned for the year 2014-16.
- Participated in "Innovation-2015" organized by BCUD, SPPU.
- Guided students for Avishkar Competition 2016 held in University of Pune.
- Received an award, Certificate and Gold medal from Uttar Bhartiya Sangh at H.V. Desai College on 28th Nov. 2015 for excellence in field of education.
- Oral and Poster presentation at NHBT BRSI conference at Trivandrum, 22nd-25th Nov. 2015.

Mrs. Rama Phadke

- Research project sanction with the amount 3, 35,000/- by UGC - "Study of cytotoxic potential of curcumin protein from *Jatropha curcas* L." for the year 2015-16.
- Attended and presented a poster in "International Conference on Cancer Research, New Horizons" held at NCCS Pune 19th-21st Nov. 2015.
- Guided students for Avishkar competition 2016 held in Baburao Gholap College.
- Conducted a biodiversity visit of S.Y. and T.Y. Biotechnology students to Pashan lake, Pune in August 2016
- Organized a visit for undergraduate students to Someshwar Sugar Factory (Fermentation Unit) Baramati, Pune.
- Organized Biotech fest 16, in the department of Biotechnology.

Dr. Geetanjali Litake

- Research Project: BCUD research Project sanctioned for the year 2014-16 - "Evaluation of environmental dissemination of MDR-*Staphylococcus* species".
- Participated in "Innovation-2015" organized by BCUD, SPPU.
- Guided students for Avishkar Competition 2016 held in University of Pune.
- Worked as a member in organizing committee in national conference on 'Emotional Intelligence' by department of Psychology in Modern college of Arts, Science and Commerce.
- Participated in the two day workshop on HPTLC at Vidyapratishthan Baramati.
- Organized a visit for M.Sc. II Biotechnology students to Someshwar Sugar Factory on March 10, 2016 and at Serum Institute of India.
- Organized Biotech fest 2016 in the department of Biotechnology.

Mr. Ravi Dabhade

- Research Project: BCUD research Project sanctioned for the year 2014-16 - "Green synthesis of metal nanoparticles and their medical application".
- Participated in "Innovation-2015" organized by BCUD, SPPU.
- Guided students for Avishkar Competition 2016, held in University of Pune.
- Organized a visit for F.Y. Biotechnology students to Mapro foods pvt. Ltd., Wai on February 1st 2016.
- Worked as a member in organizing committee in international conference on Innovations in teaching, learning and evaluation in Modern College of Arts, Science and Commerce.
- Worked as a member in organizing committee in National conference on 'Emotional Intelligence' by department of Psychology in Modern college of Arts, Science and Commerce.
- Participated in the two day workshop on HPTLC at Vidyapratishthan Baramati.
- Organized Biotech fest 2016, in the department of Biotechnology.

Dr. Sangeeta Sathaye

- Worked as a member in organizing committee in International conference on "Innovations in teaching, learning and evaluation" in Modern College of Arts, Science and Commerce.
- Worked as a member in organizing committee in National conference on 'Emotional Intelligence' by department of Psychology in Modern college of Arts, Science and Commerce.
- Guided students for Avishkar competition 2016, held in Baburao Gholap College.

1) Dr. Sharad Goswami

- Guided students for Avishkar Comptition 2016, held in University of Pune. (Stare Level) Round.
- Worked as a committee member for the National Conference on "Emotional Intelligence: Role in Human Life" organized by Department of Psychology by Modern college of Arts, Science & Commerce, Shivajinagar Pune from 5th -6th February 2016.
- Organized a visit for undergraduate students to Someshwar Sugar Factory (Fermentation Unit) Baramati, Pune.
- Worked as a member in organizing committee in International conference on "Innovations in teaching, learning and evaluation" in Modern College of Arts, Science and Commerce.
- Organized Biotech fest 2016 in the department of Biotechnology.
- Organized a visit for F.Y. Biotechnology students to Mapro foods Pvt. Ltd., Wai on February 1st 2016.
- Conducted a biodiversity visit of S.Y. and T.Y. Biotechnology students to Pashan lake, Pune in August 2016

Ms. Radhika Oke

- Compered the PTA meeting (Parent Teacher Association) of F.Y. Biotech students.
- Worked as a committee member for the National Conference on "Emotional Intelligence: Role in Human Life" organized by Department of Psychology by Modern College of Arts, Science & Commerce, Shivajinagar Pune from 5th-6th February 2016.
- Won 1st prize in poster presentation in the International conference - "Innovations in Teaching, Learning and Evaluation in higher education" organized by Modern College, Pune-05 on 29th-30th January 2016.
- Organized a visit for Postgraduate students to Someshwar Sugar Factory, Baramati.
- Organized a visit for undergraduate students to Mapro Factory, Wai.

Other Research Achievements:

- Dr. P.P. Kanekar and Dr. S. O. Kulkarni participated in a workshop on 'Energy storage devices' held at The Institution of Engineers (India), Pune Local Centre on 5th September 2015 and presented poster paper on 'Exploring microbial product, Bacteriorhodopsin for conversion of light energy into electrical energy'. Production of BR by the haloarchaea in 1.5 L plastic container and conversion of light energy into electric potential in millivolts was also demonstrated.

Achievements of students:

- Ms. Mrunmayee Patil (F.Y. Biotech) received award for overall performance in NCC (Rank-Junior Under Officer)2)
- Ms. Janhavi Dave (F.Y. Biotech) received award of 'Best Cadet of Naval NCC' (2015-16).
- M.Sc. students Ms. Sakalya Chavan and Ms. Gandhali Naiksalgaonkar qualified NET examination.
- M.Sc. students Mr. Aniruddha Bhalerao and Ms. Gandhali Naiksalgaonkar qualified GATE examination.
- Prachi Palande and Sheetal Bhosale of M.Sc II participated in 'Yuva Sanshodhak' scheme of the Research Monitoring Committee of our college.
- Aditi Lad of F.Y. B.Sc biotech participated in 'Yuva Sanshodhak' scheme of the Research Monitoring Committee of our college.
- F.Y.B.Sc.Biotech won the third prize for class wise variety programme, during the Annual Socail Gathering of our college.

- Dr. Mrs. Sangeeta Bhagat
Head

Department of Botany

Various activities were organized in the academic year 2015-2016. This year the number of students enrolled for the Botany was Std XI: 309; Std XII: 210; F.Y.B.Sc: 186; S.Y.B.Sc:117; T.Y.B. Sc: 28 and M.Sc I, II – 50. The students from Std XI to M.Sc. participated in different college and intercollegiate competitions.

Departmental Activities

1. Flower arrangement competition was organized under DBT star College Scheme on 23-12-2015. 60 students from F.Y.B.Sc, S.Y.B.Sc, T.Y.B.Sc B group and M.Sc. Botany students participated in this event. Students made different types of flower arrangements using cultivated and wild flowers with variety of ideas. They not only enjoyed but learnt different techniques of flower arrangements.
2. Skill development workshop in Seed Technology conducted under DBT star College Scheme from 9/8/2015 to 26/9/2015. 25 students from T.Y.B.Sc. Botany were involved. It was practical based workshop on different aspects of seed Technology which will enable students to get an opportunity in seed industry. The workshop also involved field visit to Government Seed Testing Laboratory.
3. Dry Flower making and arrangement workshop from 22nd to 26th February 2016 for T.Y.B.Sc. Botany students. Under DBT-STAR college scheme workshop of hands-on training on dry flowers making techniques was arranged.

4. Photography competition – Intercollegiate Photography competition was organized in association with Psychology department on the theme Emotions on 5th and 6th February. In all 150 participants were involved in the event.
5. Workshop on PCR (Polymerase Chain Reaction) was from 19th December 2014 to 24th December 2014 for S. Y. B.Sc. and M.Sc. Botany students. The workshop included a guest lecture followed by a demonstration of how to use micropipettes, PCR additions and PCR instrument along with various steps involved in the PCR.
6. Wall paper magazine activity - Students from S.Y.B.Sc. and T.Y.B.Sc Botany compiled articles based on Genetic transformation, model organisms, biofuel, phytoremediation etc., for display as a part of wall paper magazine activity.
7. Participation of undergraduate students in BOTANICA inter-college competition organized by Botany Department of Wadia College, Pune. More than 35 students from B.Sc. and M.Sc. participated in the competition. They received 8 gold medals, 10 Silver Medals, 14 bronze medals in different activities such as Biorangoli, Poster competition, Flower arrangement and Salad decoration.
8. Guest Lecture on Mushroom Cultivation was organized on 2nd September 2015. Dr. D.B. Shinde, M.Sc. (Agri) Ph.D. Mycologists, All India Coordinated Research Project on Mushroom, Pune, Centre College of Agriculture, Pune demonstrated the various techniques involved in cultivation of Mushroom.
9. Skill development workshop in Seed Technology was conducted by Prof. Arti P Goggi during August 2015 to September 2015.

Study Tours and Excursion

1. Botanical excursion tour was organized by the Botany Department on 15th October 2015 for F.Y. B. Sc. Botany students to Tamhini ghat for studying plant diversity.
2. A Botanical Excursion Tour was organized at Mahabaleshwar for the students of S. Y. B. Sc. on 23rd February 2016 for observation of Angiospermic and other plants.
3. A four day excursion tour was arranged at Amboli and Malvan for the students of T. Y. B. Sc. for the collection and study of marine algae from 11th to 14th January 2016.
4. A visit was arranged for T. Y. B. Sc. students to Seed Testing Lab, Seed processing unit was organized in January 2016.
5. A visit was arranged to Dive-Agar, Harihareshwar for M.Sc. II students in January 2016 to observe the algal diversity.
6. A visit was arranged to BSI for M.Sc. I and II students in March 2016.

Staff Achievements

Dr. R.S. Zunjarrao

- Research project ongoing: "Optimization of Growth Rate of Potential Biodiesel Producing Microalgae.", BCUD, Savitribai Phule Pune University from 2014 – 2016, sanctioned amount: Rs. 2, 40,000/-
- Appointed as District coordinator (Pune City) to prepare National Education Policy-2015.
- Completed research project entitled "Digital herbarium" funded by UGC.
- Invited as a guest speaker at Modern High School.

UG Wing

Dr. Neeta M Patil

- Paper published titled 'Salt-Induced and Biochemical Changes in two varieties of *Linum usitatissimum* L.' in *International Journal of Current Microbiology and Applied Sciences* (2015) 4(9): 296 - 304.
- Paper published titled 'Comparative Qualitative Phytochemical analysis of *Sesamum indicum* L.' in *International Journal of Current Microbiology and Applied Sciences* (May-2015) Special Issue-2:172 – 181.

Dr. R.B. Barmukh

- Appointed as Chairman of Time Table Committee.
- Worked as member in the International Conference on "Innovations in Teaching, Learning and Evaluation in Higher Education", Jan. 2016, organized by Modern College, Pune 5.
- One student registered for Ph.D. under my supervision.

Dr. U.R. Wayase

• Publications:

1. Micropropagation studies in *Cocculus hirsutus* (L) Diel. *International Journal of Innovative Science, Engineering & Technology*, 2(8) 685-690.
2. QR Code: An innovative teaching learning tool. *International Journal of Innovative Science, Engineering & Technology* 2(7) 402-405. Attended one day workshop on T. Y. B.Sc. Botany Revised Syllabus 2016 held on 5th December, 2015 at Abasaheb Garware College, Pune.

Prof. Arti Goggi

- Participated and presented poster in International conference on 'Innovative methods in teaching, learning and evaluation methods' on 29th and 30th January 2016 at Modern College of Arts, Science and Commerce.
- Attended one day workshop on T. Y. B.Sc. Botany Syllabus Revision on 05 / 12 / 2015 at Abasaheb Garware College.

PGWing

Dr. K. D. Gopale

- Presented a researcher paper entitled "Isolation and growth characteristics of biodiesel producing microalgal species isolated from South India" in National Conference on Cryptogam research in India: Progress and Prospects held at CSIR-National Botanical Research Institute, Lucknow.
- Presented a poster entitled "Effect of light emitting diode (LED) on the growth rate of *Nannochloropsis* and *Chaetoceros* : Potential source for biodiesel production" in a regional research conference Innovation 2015.
- Invited as Guest Lecturer at Abeda Inamdar College and Modern College of Ganeshkhind, Pune.
- Participated in the one day workshop on "Advances in Algal Biotechnology" organized by IIT Bombay, held on 21st November, 2015.
- Attended the workshop on 'Sensitization about Biological Diversity Act, 2002 and the Role of Academicians' organized by the Department of Botany, Savitribai Phule Pune University, Pune on 30th March 2016.
- Invited as resource person to deliver lecture on 'Horticulture and Landscape' at Indian Railway Institute of Civil Engineering, Pune on 6th May 2016.

Junior Wing

Prof. R.N. Ingole

- He took charge as a Supervisor of the Junior wing and guided all the activities of Junior Wing.

Prof. Manisha Mandhare

- Resource development camp ATBS – at Homi Bhabha Science Centre Mankhurd.
- Organized 'Young Chef Competition' for junior college students with IIM Pune in collaboration with Incredible India.
- Organized 'Teacher's Chef Competition' and was selected in the first 10 teachers in Pune for final round.
- Invited as a judge for 'Flower arrangement competition' in Botany Department.
- Invited as a judge for 'fuel less cooking competition' in Biotechnology department
- Conducted 'Dry Flower Making Workshop' in Botany Department.
- Co-ordinator for various Competitive exams for junior college students, National Standard Exams, Science Olympiads, English and Maths Olympiads.
- Visited IISER on 15th April 2016.
- Invited as Resource person in Yashwantrao Chavan Institute, Satara.

- Worked as organizing committee member in International conference on 'Innovative methods in teaching, learning and evaluation.'
- MH – CET work at DMER Mumbai
- Attended the review Committee Meeting at HYAT Pune organized by NIOS Pune on 'New Policy in Education'.
- Visited Dr. Baba Amte's Anandwan, Hemalkasa and Somnath in January 2016.

- Dr. R. S. Zunjarrao
Principal and Head

Department of Chemistry

- Chemistry Department is one of the big departments in the college having about one thousand junior wing students, five hundred U.G. students and hundred P.G. students studying under its umbrella with the help of about forty full time and visiting teaching and non teaching staff.
- Dr. (Mrs) S. D. Joag, after completing her service of thirty three years in this college with the last one year as the Head of this department retired on 31st October 2016. The department was benefited during her tenure by her sound knowledge in the subject and meticulous administration. The college authorities appointed Dr. S. K. Ujlambkar on 1st November 2016 to shoulder the responsibility as the Head.

Activities of the department :

CHEM-MODERN COMPETITIONS:

A. Chemistry Quiz Competition: (12th Feb. 2016)

- **Organizers:** Prof. (Dr.) Manisha Nigudkar, Prof. Manisha Kashid.
- The 'CHEM-MODERN QUIZ' competition was held on 12th February 2016. Two participants from each class were selected on the basis of their academic performance. Total five teams comprising seven students each participated in this event.
- The Winners were P. C. Ray team:
Mr. Gaurav Tiwari (F. Y. B. Sc, Div. A), Ms. Dhanashree Gaikwad (F. Y. B. Sc, Div. B), Mr. Payal Gurav (S. Y. B. Sc, Div. A), Mrs. Pranali Kadam (S. Y. B. Sc, Div. B), Mrs. Sayali Malusare (T. Y.B.Sc), Mr. Mayur Shelke (M. Sc I), Mrs. Ashwini Sherikar (M. Sc II).

B. Chemistry Poster Competition: (13th Feb. 2016)

- **Organizers:** Prof. A. S. Warangule, Prof. Nilesh Tapkeer.
- The 'CHEM-MODERN POSTER' competition was held on 13th February 2016. Total 24 UG

and only one PG poster were displayed by the students. Themes given for the posters preparations were as follows:

- Drug Development
- Fuel and Renewable fuel sources
- Catalysis
- Forensic Analysis
- Natural Products
- Bioremediation
- Nuclear Chemistry
- Explosives
- Modern Analytical Techniques

Examiners : Prof. (Dr) Milind Nikalaje, Prof. N. R. Dhatrak (Department of Chemistry, SPPU)

Results

U. G. Section:

- **1st Prize:** Mr. Sarang Sarwade (S. Y. B. Sc.) and Mr. Kishor Raut (T. Y. B. Sc.)
- **2nd Prize:** Mr. Tushar Wagh and Mr. Vitthal Kumbhar (T. Y. B. Sc.)
- **3rd Prize:** Ms. Kajal Kedari (T.Y.B.Sc.) and Ms. Pranali Kadam (S. Y. B. Sc.)

P.G. Section:

- **1st Prize** Ms. Payal Pawar, Mr. Amar Suryawanshi, Mr. Pandurang Dalvi (M. Sc. I)

C. Chemistry Exhibition Competition: (13th Feb. 2016)

Organizing Committee: Prof. (Mrs) Lalita Rane, Prof. (Ms). Tejal Dolas.

- The 'CHEM-MODERN EXHIBIT' competition was held on 13th February 2016. Total 35 UG and 03 PG students participated in this competition. The topics given for this competition were as follows:
Total Participation : UG -21, exhibits (UG -15, PG-06).
Examiners : Prof. (Dr) Milind Nikalaje, Prof. N. R. Dhatrak (Department of Chemistry, SPPU)

Results : UG Section

- **1st Prize:** Ms. Ananya Pisal, Sumaiyya Sutar (F. Y. B. Sc., Div.A) and Ms. Shukla Minal, Ms. Sayali Malusare, Ms. Shiva Kumari, Ms. Ashlesha Nimbalkar, Ms. Mamta Chejara (T. Y. B. Sc.)
- **2nd Prize:** Ms. Pradnya Gaikwad, Ms. Apeksha Kambale, Ms. Swapnali Kadam, Ms. Sayali Kadam, Ms. Sana Tamboli (T. Y. B. Sc.) and Ms. Priyanka Lagad, Ms. Manish Nirphal, Ms. Savita Lonkar, Ms. Savita Kamthe (T. Y. B. Sc.).
- **3rd Prize:** Ms. Kajal Kedari, Ms. Ankita Kohkade, Ms. Monali Borhade, Ms. Deepali Vidhate, Ms. Sushma Gholap (T. Y. B. Sc.) and

Ms. Pranali Kadam, Ms. Sameeksha Shrikhande, Ms. Vijaya Kasurde, Ms. Suchita Sakure (S. Y. B. Sc., Div - B).

PG Section

- **1st Prize:** Mr. Prashant Rithe (M. Sc II) and Mr. James Manikam, Mr. Shubham Kolekar (M. Sc. I).
- **2nd Prize:** Mr. Prakash Dawane, Mr. Praveen More, Mr. Aakash Khawale (M. Sc. I).
- **3rd Prize:** Ms. Kiran Gawate, Ms. Manasi Sabane (M. Sc. I).

D. Chemistry Essay Competition: (15th Feb. 2016) Organizer : Prof. R. M. Jagtap

The 'CHEM-MODERN ESSAY' competition was held on 15th February 2016. Total 35 UG and 03 PG students participated in this competition. The topics given for this competition were as follows,

- Chemistry in day to day life
- Green Chemistry
- Catalysis
- Nobel Laureates in Chemistry

Results : UG Section:

- **1st Prize:** Mr. Dhanraj More (T.Y.B.Sc. Chemistry)
- **2nd Prize:** Ms. Sonam Parihar (S.Y.B.Sc., Div. A)
- **3rd Prize:** Ms. Reshma Kadam (S.Y.B.Sc., Div. B)

PG Section:

- **1st Prize:** Mr. Amar Suryawanshi
- **2nd Prize:** Ms. Payal Pawar
- **3rd Prize:** Mr. Abhijeet Bandgar
- **LECTURE COMPETITIONS:** PG students from M. Sc. II (Analytical Chemistry) participated in various PG Lecture competitions organized by Department of Chemistry SPPU and various colleges affiliated SPPU. The students who succeeded in these various competitions were as follows:

i. Ms. Yasmeen Momin, M.Sc. II

1st Consolation Prize - 'H. J. Arnika Lecture Competition' organized by Department of Chemistry, SPPU, Pune on 13th Feb. 2016.

2nd Prize - 'Late Prof. R. J. Gandhi Lecture Competition' organized by T. C. College, Baramati, on 22nd Feb. 2016.

Participation : 'Dr. M. J. Pujari Lecture Competition' organized by Abasaheb Garware College, Pune on 27th Feb. 2016.

Participation : 'Dr. T. R. Ingale Lecture Competition' organized by S. P. College, Pune on 11th March 2016.

ii. Ms. Jaylaxmi Swami, M.Sc. II

Participation - 'H. J. Arnika Lecture Competition' organized by Department of Chemistry, SPPU, Pune on 13th Feb. 2016.

- 1st Prize - 'Late Prof. R. J. Gandhi Lecture Competition'** organized by T. C. College, Baramati on 22nd Feb. 2016.
- Participation: 'Dr. M. J. Pujari Lecture Competition'** organized by Abasaheb Garware College, Pune on 27th Feb. 2016.
- 2nd Prize - 'Dr. T. R. Ingale Lecture Competition'** organized by S. P. College, Pune on 11th March 2016.
- iii. **Mr. Amar Suryavanshi, M.Sc. II**
- 2nd Prize - 'Dr. B. P. Hivale Lecture Competition'** held at Ahmednagar College, Ahmednagar (M.S.) on 27th Feb. 2016.
- iv. **Ms. Payal Pawar, M.Sc. II**
- 1st Consolation Prize - 'Dr. B. P. Hivale Lecture Competition'** held at Ahmednagar College, Ahmednagar (M.S.) on 27th Feb. 2016. The guidance provided by **Prof. R. M. Jagtap** to the all participants was very valuable.
- 2. EDUCATIONAL/INDUSTRIAL VISITS:**
- (i) **Industrial Visit to Syngenta India Ltd, Goa on 24th Jan. 2016.** Organizer: **Prof. R. M. Jagtap**, No. of students participated: 38 students from M. Sc. I & II. Accompanying teachers: Prof. A. S. Warangule and Prof. Prachi Joshi.
- (ii) **Industrial Visit to Avanti Polymoulds Pvt. Ltd. Nanded Phata, Pune on 9th Oct. 2016.** Organizer: **Prof. (Mrs.) Lalita Rane** No of students participated: 38 students from M. Sc. I & II. Accompanying teacher: **Prof. (Dr.) Manisha Nigudkar**
- 3. ACTIVITIES OF STAFF MEMBERS:**
- Dr. S. K. Ujalambkar**
- **Workshops on preparation of 'Perfumes and Household Chemical Products'.**
- i. S. M. Joshi College, Hadapsar, Pune- 28 (7th January 2016).
 - ii. Modern College of ASC, Pune- 5 (4th February 2016).
 - iii. Indian Women Scientists Association, Pune (8th March 2016)
- **Chemistry Guidance Lectures**
- i. Modern English Medium High School, Warje, Pune (8th to 12th Sept. 2015)
 - ii. Modern English Medium High School, Shivajinagar (20th to 25th September 2015)
- **Popular Lectures on Autobiography of Dr. APJ Abdul Kalam**
- i. N.S.S. students of Modern College of ASC, Pune- 5 (14th October 2015)
 - ii. Modern English Medium School, Pune- 5 (15th October 2015)
 - iii. Modern English Medium High School, Pune- 5 (15th October 2015)
 - iv. Modern College of Physiotherapy, Pune (15th October 2015)
 - v. N.S.S. camp of Junior College wing MCASC, Pune 5 at Phulgaon (12 December 2015)
 - vi. N.S.S. camp of Senior College wing MCASC, Pune- 5 at Phulgaon (18 December 2015)
 - vii. Science Association Lecture for Science students of MCASC, Pune 5 (09 January 2016).
- Organized a get together function for retired Chemistry Teaching and non Teaching staff on 31st December 2015.
 - Organized a guest lecture by **Dr. Suresh Naik** (Ex. Scientist, ISRO) on 'Mangal Yan Expedition and opportunities in ISRO' on Science day, 29th February 2016.
- Prof. R. M. Jagtap**
- Published an International research paper in **Journal of Sulfur Chemistry** entitled, 'Crystal Structure, Computational Studies and stereoselectivity in the synthesis of 2-aryl thiazolidine-4-carboxylic acids via in situ imine intermediate' (Publisher: Taylor and Francis, DOI.org/10.1080/17415993.2016.1156116).
 - Published an International research paper in **Journal of Nanoengineering and Nanomanufacturing** entitled, 'Solar Photo catalytic Degradation of 2, 4-dichloroindophenol by La-ZnO Nanocrystallites' (Publisher: American Scientific Publisher, Vol, pp 1-6, 2015).
 - Presented a paper as a poster presentation 'X-ray crystal structure and anticancer activity of (2S/2R, 4R)-3-(tertbutoxycarbonyl)-2-(2-hydroxyphenyl)-thiazolidine-4-carboxylic acids' at ICC Annual Conference held at **Uka Tarsadia University, Bardoli, Gujarat** on 26th to 28th Dec. 2015
 - Presented a research poster at '**Innovation 2016**' entitled 'Synthesis and Biological activities of 2-aryl thiazolidine-4-carboxylic acids and their ester derivatives as novel antimicrobial agents' held at **Sahkar Maharshi Bhausaheb Santuji Thorat College Sangamner-422605** on 4th July 2015.
 - Completed a Mminor research project of **Rs. 2.3 lakhs** funded by BCUD, Savitribai Phule Pune University.
 - Guided two M. Sc. (Analytical Chemistry) students for '**AVISHKAR-2016**' Research Competition at University level organized by B.R. Gholap College, Pune on 6th October 2015.
 - Guided four M. Sc. II (Analytical Chemistry) students for their M. Sc. Research Projects.
 - Co-ordinated '**Chem-Modern Essay Competition**' organized by our department on 15th Feb. 2016.

- Co-ordinated '**Chemiad Competition**' organized by Department of Chemistry, SPPU on 7th February 2016 for F. Y. B. Sc (Chemistry) students.
 - Coordinated '**State Level Science Talent Search Examination**' organized by Balbheem College, Beed on 7th February 2016 for UG students.
 - Guided four M. Sc. II (Analytical Chemistry) students for P.G. lecture competitions organized by various colleges and SPPU. Total six prizes were won by the PG students.
 - Delivered a guest lecture on Pericyclic Chemistry at '**Chemistry Lecture Series**' organized by S.M.Joshi College, Hadapsar on 22nd Oct. 2015.
- Prof. A. S. Warangule**
- Coordinated '**State Level Science Talent Search Examination**' organized by Balbheem College, Beed on 7th February 2016 for UG students.
 - Coordinated '**Chemiad Competition**' organized by Department of Chemistry, SPPU on 7th February 2016 for F. Y. B. Sc (Chemistry) students.

- Dr. S. K. Ujalambkar
Head

Department of Computer Science

In today's competitive culture, the need of the hour in every field including that of education is remarkable excellence. Realizing this need, the Department of Computer Science, Modern College, Pune-05 is constantly engaged in moulding futuristic information and communication technologists today.

Activities conducted during the year:

§ **Kartikeya Rindani Intercollegiate Programming and Quiz Contest**
(20th January 2016)

Kartikeya Rindani Programming contest is a joint endeavor of Rindani Family and the Alumni of our department. Dr. Girish Rindani and Mr. Swapnil Dharmadhikari were the chief guests of the program. Dr. Girish Rindani was felicitated with Kartikeya's portrait prepared by Prof. Sameer Nerlekar. Mr. Swapnil Dharmadhikari delivered a talk on Cloud Computing.

Around 48 students from various colleges actively participated in this event. Prof. Abhijeet Sathe worked as the coordinator of this event. Mr. Sagar Shinde, Mr. Chetan Khalkar, Mr. Chetan Jadhav, Mr. Sachin Sable and Mr. Rohit Prasad worked as Guides for the various events.

Six needy students of our department received Rs.15,000/- Scholarship to pursue their further education. The recipients were Mr. Prasad Bhawe, Mr. Shubham Sable, Mr. Shubham Mahadik, Mr. Shubham Kshirsagar, Mr. Shivraj Birajdar and Ms. Swati Wakchure.

• **R.M Marathe Programming Competition (17th December 2015)**

The contest was held on 17th Dec 2015. 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 prize winner was Mr. Sumit Kangne. Prof. Madhuri Ghanekar worked as the coordinator for this programming contest.

• **Poster Competition (20th January 2016)**

Poster Competition was conducted on 20th Jan 2016; the topics were Encryption, Computer Graphics, Ethical Hacking, Operating System, Satellite Communication, Big Data, Distributed Computing, Robotics, Gaming, Image Processing and Artificial Intelligence. Prof. Mrs. Manisha Suryawanshi worked as a coordinator for this activity.

• **Personality Development Programme**

Mr. John Barlow and Mrs. Blessy Barlow from Heartfulness organization delivered a session on meditation for staff and students on 20th Jan' 2016.

• **Aura - 2K16 Animation Workshop (30th January 2016)**

Aura 2K16, Modern Animator's Festival was organized on 30th January 2016 by the B.Sc. (Animation) students. The event was organized in the form of Exhibition and Project competition. A Seminar on VFX (Visual effects) was delivered by Mr. Anand Bhutkar.

Prof. Sameer Nerlekar worked as the cccordinator of Aura 2K16.

B.Sc.(Animation) students actively participated in intercollegiate competitions and Smart city logo design.

• **Seminars**

Like every year the Department had organized a **Seminar Series** by inviting eminent personalities from the field of IT. Prof. Mrs. Manisha Suryawanshi worked as the Coordinator for the activity. This activity proved beneficial to the students as well as to the staff members and helped in establishing a 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 Programming Contest-2014"
- **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 prepare them mentally prepared for the competition.

• **Pride Alumni of Computer Science Department:**

The brilliant students of our department are working at higher positions in various fields like Science and Technology, Research, Business, Banking, Industries, Education, Engineering, Medicine and Administrative Services etc. Some of them often visit our college and encourage and guide present batch students.

Staff achievements

1. **Prof. Sameer Badmanji**
Technical support for all seminars and conference
2. **Prof. Manisha Suryawanshi**
 - a. Presented poster at International conference on 'Innovations in teaching, learning and evaluation in Higher education'.
 - b. Working as Placement Coordinator of the college.
3. **Prof. Madhuri Ghanekar**
 - a. Member of T.Y.B.Sc. Lab Book for System Programming.
 - b. Completed DOEACC 'C' level course (equivalent to M.Tech.)
 - c. Completed Stanford University online 6 weeks course on Automata with 71.4% marks.
 - d. Participation in the 'Stree-Sakhi' program on 'Aakashwani Pune' about tourism.
 - e. Completed 'Gita Santha Varg' course of Gita Dharma Mandal.
 - f. Various prizes about Gita : 1) 2nd prize- Chapter Recitation.
- 2) Consolation prize – Commentary on the verse
4. **Prof. Abhijeet Sathe**
Technical support for all seminars and conference
5. **Prof. Sangeeta Raut :**
Member of T.Y.B.Sc. Lab book for PHP
6. **Prof. Anjali Sardesai**
 - a. Research Paper is published in International Journal of Intelligent Systems.

- b. Two text books published for T.Y. B.Sc. Computer Science.
 - c. Worked as Chairperson for S.Y.B.Sc. Animation Syllabus restructuring committee.
 - d. Worked as chairperson for F.Y.B.Sc. and S.Y.B.Sc. Animation Lab book published by SPPU
 - e. Worked as resource person in S.Y.B.Sc. Animation Syllabus restructuring workshop.
7. **Prof. Vaishali Bhoite :**
- a. Attended a two-day National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics on 16th & 17th January, 2016 in Indira College of Commerce and Science.
 - b. Organized several workshops of Value Education on Yoga and Meditation.
 - c. Successfully does 'Server set up' of B.Sc. Computer Science and M.C.A. laboratory every year.
8. **Prof. Shilpa Dange**
Presented a paper on Staganography in CSI 2015 in 50th Golden Jubilee Annual convention at Delhi.
9. **Prof. (Dr.) Kalyani Salla**
- a. Completed her Ph.D. in Computer Science from Savitribai Phule Pune University in April 2016.
 - b. Two Journal paper publications in process in Elsevier.
10. **Prof. Shweta Jawale**
Attended a two-day National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics on 16th & 17th January, 2016 in Indira College of Commerce and Science.
11. **Prof. Asha Sagar**
Completed M.C.A. under Science faculty.
12. **Prof. Sonali Deshmukh**
Two text books published for T.Y.B.Sc. Computer Science.
13. **Prof. Sameer Nerlekar**
- a. Worked as a member in S.Y.B.Sc. Animation Lab book published by SPPU.
 - b. Worked as member in S.Y.B.Sc. Animation Syllabus restructuring sub-committee.
 - c. Attended S.Y.B.Sc. Syllabus restructuring workshop at Ahmednagar.
 - d. Organized and coordinated a Workshop cum exhibition 'Aura' in Animation Section.
14. **Prof. Jigisha Pawar**
- a. Published a textbook for T.Y. B.C.A.
 - b. Presented poster at International conference on Innovations in teaching and evaluation in Higher education.
15. **Prof. Trupti Gohad**
Presented poster at International conference on Innovations in teaching and evaluation in Higher education.

Student achievements and awards:

Students took lead in organizing Project Exhibition, Poster Competition, Quiz Contest and Programming Contest and participated in various intercollegiate events. Students secured prizes in the various intercollegiate events and competitions.

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 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.
- All teaching and non-teaching staff members of the Department provided necessary support in the smooth conduct of this activity. Under Graduate students are also placed in reputed software companies.

Any other relevant information:

- Staff members had taken active participation in the on line admission process of F.Y.B.Sc. (Computer Science), M.C.A. and M.Sc.(Computer Science) courses.
- A committee was constituted for conducting M.Sc. (Computer Science) and M.C.A. Entrance Examinations in May 2015. 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 was actively engaged in various academic, curricular and extracurricular activities during the year. The student strength of the department was about 712 during academic year 2015-16, which includes Junior, Senior and P.G. students. Recognized Post Graduate Research Centre by University of Pune in Electronic Science was established from July 2011.

[A] Activities conducted during the year

- A group of four students successfully completed project on "Superconductor and room

temperature superconductivity", under Yuva Sanshodhak Scheme of the college.

- A Project competition "IMAGINE-2016" was organized on 27th February 2016.
- The students of F.Y.B.Sc. Vocational (Computer Maintenance and Network Administration) arranged industrial visit to 'Creative Engineers.
- S.Y.B.Sc. and T.Y.B.Sc. Electronic Science along with three teachers organized a study tour to Amtech Electronics (India) Ltd., Gandhinagar, Gujarat from 7th January to 10th January 2016.
- Guest lecture on 'Circuit design and testing' by Prof. D.S. Diwate was organized for S.Y.B.Sc. Students.
- Guest lecture on 'Quantum mechanics-Applications in Electronics', by Prof. J.V. Khedkar was organized for T.Y.B.Sc. and M.Sc. students.

[B] Research, Paper Presentation by Staff Members

Prof. S.R. Chaudhari

1. Published a research paper "Analysis of environmental impact of e-waste and scheme for its reduction ", in International refereed Multidisciplinary Journal of Contemporary Research, ISSN :2319-5789 EISSN :2320-3145
2. Presented a research paper "Use of Digital media in teaching Quantum Mechanics" at International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education', conducted at Modern College of Arts, Science and Commerce, Shivajinagr, Pune -5, on 29th and 30th January 2016.
3. Published a research paper "Development of Microcontroller Based System for the Diagnosis of pH Electrode", International Journal of Innovative Research in Science, Engineering and Technology, ISSN (Online): 2319-8753, ISSN (Print): 2347-6710, Vol. 4, Issue 8, August 2015, pp 7814-7820.

Prof P.S.Varade

- Ongoing BCUD, SPPUU project "Design and Development of SAW gas sensor", funded amount Rs.1,90,000/-.

[C] Activities & Support from Alumni.

Our Alumni student visited the department on various occasions. Particularly students from Vocational course contributed in practical training to students and Post graduate students guide the students regarding placements and technology revolutions in various fields of electronics. Many of the past post graduate

students visited on the occasion of project competition "IMAGINE-2016", on 27th February 2016.

[D] Achievements by students

- All T.Y.B.Sc. students attended one day workshop at Abasheb Garware College on 'Learning Through Demonstrations'.

[E] Achievements by staff members

1. Prof. S.R. Chaudhari

- Special invitee by Board of Studies in Vocational courses of SPPU for syllabus framing in Computer Hardware and Network Administration.
- Worked as organizing secretary for International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' organized on 29, 30 January 2016.
- Worked as Advisor, Organizing Committee for the National conference on "Emotional Intelligence: Role in Human Life", organized by Department of Psychology of Modern College, Shivajinagar, Pune-411005, conducted on 05th and 06th February 2016.
- Attended one day workshop on "Graduation Ceremony" organized by Modern College of Arts, Science and Commerce, Shivajinagar, Pune in association with SPPU on 13th January 2016.

2. Prof B.B.Yenge

- Successfully conducted Alumni meet of NCC Cadets on 25th October 2015. 35 Cadets passed out from 1997 participated in the same. Ex-NCC officer, Army wing Dr. T.D. Nikam was also present for this meet.

3. Prof D.B. Gaikwad

- Participated in State Level Seminar on 'Embedded System and Robotics', organized by D.Y. Patil College of Engineering, Akurdi on 18 Feb 2016.
- Successfully completed with A+ Grade a course on 'Introduction to Computer Programming' an on-line learning initiative of IIT, Bombay from 16 July to 21 Dec 2015.

4. Prof T.B.Sonawane

- Conducted industrial visit of S.Y.B.Sc. and T.Y.B.Sc. Electronic Science to 'Amtech Electronics (India) Ltd.', Gandhinagar, Gujarat from 7th January to 10th January 2016.
- Placement in Assistant Professor Stage 2 to 3 (AGP 7000 to 8000) through CAS program conducted by SPPU, placement Camp organized at Poona College on 19/08/2015.

5. Prof. M.R.Bodke

- Conducted industrial visit of S.Y.B.Sc. and T.Y.B.Sc. Electronic Science 'Amtech

Electronics (India) Ltd.', Gandhinagar, Gujarat from 7th January to 10th January 2016.

6. Prof. A.V.Kamble

- Attended "National Integration Camp", of NCC at Bodh-Gaya, Bihar as contingent leader of Maharashtra team in December 2015.
- Appointed as member of 32/5 committee of Savitribai Phule Pune University in March 2016.
- Appointed as Member of Local Inquiry Committee by Savitribai Phule Pune University in March 2016.
- Organized NCC past student get-together in January 2015.

7. Prof P.S.Varade

- Attended the hands-on-training workshop on 'Nanofabrication Technology' during the period 02 July to 10 July 2015 organized by IISC Bangalore.
- Organized District level Pre-NRD/SRD selection camp for NSS volunteers on July 2015.
- Worked as Chairman for syllabus restructuring of Hotel Catering and Management College, Shivajinagar, Pune. (NSS as an elective subject at fifth Semester of Hotel management course).
- Participated in International Mind Education Seminar for Educational leaders, organized by International Mind education institute held at PUMBA, SPPU on 16th October 2015.
- Attended workshop on 'Understanding of origin and Endnote software' organized by Centre for Sensor studies APPU, on 17th October 2015.
- Participated in National level workshop on "MEMS and Microsims" organized by MIT College, Pune and ISSS Pune chapter.
- Participated and worked as organizing member in workshop "Digital India" organized by Government of India at Savitribai Phule Pune University.
- Recipient of 'Best Teacher Award' for Academic year 2015-16, by Uttar Bharati Sangh Pune.

8. Prof G.M.Tarte

- Conducted Two day training program on ROBOT using 8051 for T.Y.B.Sc. students.

9. Umesh Kothawade

- Worked as a Resource person and conducted Two days training program on ROBOT using 8051 for post graduate students at T.C. College Baramati on 15th and 16th January 2016.

10. Prof. Yashavant Patil

- Conducted industrial visit of F.Y.B.Sc. Vocational course students to 'Creative Engineers' Darvatkar Industrial Estate, Nanded Phata, Off Sinhgad Road, Pune, on 28 August 2015.

- During this academic year Miss. Manali Dalal and Miss. Neeta Patil contributed to Post Graduate section. Mr. Mangesh Dayaphule worked as a visiting lecturer for Vocational course. Prof. A.G. Gosavi conducted lectures on 'Entrepreneurship' for T.Y.B.Sc. Vocational course. Dr. M.S. Zambre, Dr. P.K. Bhadane and Dr. Umesh Hiverkar are research guides at our research centre and conduct lectures for Post graduate course. Currently five research students are pursuing research work for their Ph.D. Degree in Post Graduate Research Centre of Electronic Science.

- S. R. Chaudhari
Vice Principal and Head

Department of Mathematics

The Mathematics department is famous for its teaching in the students' community. This year there were 539 students in F.Y.B.Com., 168 students in F.Y.B.Sc.(Computer Science), 154 students in S.Y.B.Sc.(Computer Science), 154 students in F.Y.B.Sc., 121 students in S.Y.B.Sc., 51 students in T.Y.B.Sc. and 99 students in M.Sc.(Mathematics).

Activities of the Department:

- **Celebration of "National Mathematics Day"- 22nd December 2015:** Activities arranged included Poster Competition, Project Competition and Quiz Competition, followed by a Guest Lecture on the topic of 'Number Theory' by Ex- Head of the Department of Mathematics, Prof. A. V. Rayarikar.
- **Guest lectures** by the following eminent mathematicians were arranged for M.Sc. students.
- Dr. B. N. Waphare, Ex. Head and Professor, Department of Mathematics, SPPU, Pune.
- Dr. M. M. Shikare, Ex. Head and Professor, Department of Mathematics, SPPU, Pune.
- Dr. V. V. Joshi, Associate Professor, Department of Mathematics, SPPU, Pune.
- Dr. Ganesh Kadu, Assistant Professor, Department of Mathematics, SPPU, Pune.
- Prof. N. M. Deshpande, IISc, Nagpur.

Achievements of the staff:

Dr. A. N. Bhavale:

- Appointed as the Head of the Department of Mathematics.

Prof. P. V. Gadagkar:

- Presented a paper in the International conference held at Sadguru Gadage Maharaj College, Karad on 15th and 16th September, 2015.

Prof. P.M. Paratane:

- Presented a paper in the International conference held at Sadguru Gadage Maharaj College, Karad on 15th and 16th September, 2015.

Achievements of the students:

- Ms. Bhavana Agarwal of M.Sc.-I (Mathematics) was selected for the Mathematical Training and Talent Search(MTTS) program 2016.
- Mr. Aditya Anilkumar Ukale of XIth Science won the **Gold Medal** in SOF International Mathematics Olympiad.

Dr. A. N. Bhavale
Head

Department of Microbiology

Academic achievements:

Dr. S.S. Mujumdar

- Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.
- Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- Chapter published in the book 'Industrial Biotechnology', Taylor and Francis publications.
- Chairman, Microbiology Association, Department of Microbiology.

Ms. Sheetal Pardeshi

- Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.
- Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- Chapter published in the book 'Industrial Biotechnology', Taylor and Francis publications.
- Coordinator, Treasure Hunt activity under Microbiology Association, Department of Microbiology.
- Research project sanctioned under 'Young Saunshodak' Scheme of Research Monitoring Committee, at Modern College of Arts, Science and Commerce, Pune-5.

Dr. Smita Bhuyan-Pawar

- Oral presentation on "Bioactive potential of Dacrymycete fungi" at the International Conference organized by the Asian Mycological Society.
- Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.
- Coordinator, Debate competition, Microbiology Association, Department of Microbiology.

Prof. Vivek Bobade

- a. Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.
- b. Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- c. Coordinator, Model and Poster Competition, Microbiology Association, Department of Microbiology.

Mrs. Anushka Devale

- Coordinator, Microbiology Quiz Competition, Microbiology Association, Department of Microbiology.

Mrs. Rupali Sawant

- Coordinator, Lecture series on Bioprospecting, Microbiology Association, Department of Microbiology.

Mrs. Madhuri Kothawade

- Coordinator, Social activity, Microbiology Association, Department of Microbiology.

Ms. Jyoti Mohite

- a) Joined as Assistant Professor in the academic year 2015-16.
- b) Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- c) Coordinator, Microtoon and Salad competition, Microbiology Association, Department of Microbiology.

Mrs. Shraddha Bashetti Boid

- a. Chapter published in the book 'Industrial Biotechnology', Taylor and Francis publications.
- b. Coordinator, Alumni association, Microbiology Association, Department of Microbiology.
- c. Research project sanctioned under 'Young Saunshodak' Scheme of Research Monitoring Committee at Modern College of Arts, Science and Commerce, Pune-5.

Departmental activities:

Under Microbiology Association and Star college scheme, DBT, New Delhi, the department organized several activities based on concepts in Microbiology, as follows:

- Debate Competition was conducted on 29th December 2015
- Microtoon and Salad Competition was conducted on 29th December 2015.
- Documentary Competition was conducted on 29th December 2015. It was judged by Dr. Sougato Ghosh, Asst. Professor, Department of Microbiology, Modern College, Ganeshkhind, Pune.

- Lecture Series: 'Lecture series in Bio-prospecting' was organized on 30th December 2015. It comprised lectures given by Scientists from National Institutes such as NCL, NIV, MCC, Pune.

- Treasure Hunt was conducted on 1st January 2016. On the basis of clues, students found the final treasure.

- Microbiology Quiz Competition was conducted on 2nd January 2016. The screening test was conducted as per the schedule given for both UG and PG students on Monday 28th December 2015. The list of screened students was displayed on noticeboard on 31st December 2015. The students selected from screen test were distributed in the following groups by the lottery method in VIII groups.

Group size for M.Sc.: 4 (2 students of M.Sc I + 2 students of M.Sc II).

Group Size for B.Sc.: 4 (1 F.Y. Student + 1 S.Y. Student + 1 T.Y. Student + 1 S.Y./T.Y. Student). Winning groups were selected on the basis of the quiz rounds like Q/A round, Rapidfire and Visual rounds.

- Model and Poster competition was conducted on 4th January 2016.

All under-graduate and post-graduate students actively participated in all these activities.

- **Social activity:** Our M.Sc. students Mayur Mokashi, Priyanka Shede, Akshay Phadnis, Prajakta Naik, Sushma Burkul and Mansi Raut visited Ghorpadewadi, Tal. Bhor, Dist. Pune on 9th April 2016.

Ghorpadewadi is located about 60 km from Pune district. Excessive use of chemical fertilizers in recent past has created problems of water contamination, less crop yield, soil salinity and low fertility. So to address this issue we organized awareness program for farmers of Ghorpadewadi. Through this program they tried to inform farmers about the benefits of biofertilizers over chemical fertilizers, importance of soil testing at regular intervals, crop rotation and use of affordable modern technology to reduce the efforts and time in agricultural work. They also informed them about institutions where soil testing and all other such tests are carried out. Our efforts were aimed at sharing our knowledge with the farmers in order to help them enhance their agricultural yield and practice sustainable development.

Achievements of Students:

1. T.Y.B.Sc. Microbiology students participated in Microbiology Quiz Competition held by Department of Microbiology, R.C. Patel College of Arts, Science and Commerce, Shirpur.
2. Ms. Shreeya Ghanekar, student of M.Sc.- I Microbiology won the Third prize in 'Microbiopodium competition' held by Department of Microbiology, R.C. Patel College of Arts, Science and Commerce, Shirpur.
3. Mr. Amber Kachale and Mr. Digamber Jagtap both, students of M.Sc.- II Microbiology qualified GATE exam in 2016.
4. Ms. Bhavana Nath, student of M.Sc.- II Microbiology qualified CSIRNET-LS in 2016.

- Dr. S.S. Mujumdar
Head

Department of Physics

All 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. -	243
S. Y. B. Sc. -	154
T. Y. B. Sc. -	20
M. Sc. I* -	23

(* Started from A.Y. 2015-16)

Activities for Students:

1. **Study tours:** As a part of curriculum, the department arranged different study visits for F. Y., S. Y. and T. Y. B. Sc. classes.
 - a) T. Y. B. Sc. and M. Sc. students visited Geomagnetic Observatory Alibaugh, Dist. Raigad on 19th January 2016. Prof. S. R. Gogte, Dr. Sandeep Patil, Prof. Nileshkumar Pardeshi, Dr. Vaishali Waman and Shital Bhosale took efforts in organizing this activity.
 - b) F. Y. B. Sc. and S. Y. B. Sc. students visited KISAN 2016, IT-Expo (exhibition arranged by CMDA, Pune) and MahaTech (an exhibition of Automation in Industrial products). Prof. S. S. Thengadi, Prof. Nileshkumar Pardeshi, Prof. S. R. Gogte, Dr. Sandeep Patil, Prof. S. R. Wagh, Prof. V. T. Shelke and Dr. Vaishali Waman took efforts in organization and smooth functioning of these study visits.
2. **Guest Lectures:** Guest lecturers of Dr. Shashikant Shinde from Wadia College Pune-1, were arranged for M. Sc. Physics students. The topic of the lectures was "LASER".

Also Guest lectures on Human Rights and Cyber Security by Prof. Sangita Sarma and Prof.

Hrishikesh Joshi were arranged for M.Sc. Physics students.

3. **Poster competition:** A poster competition and exhibition was conducted for the F. Y. B. Sc. class on 5th February 2016. The theme of the exhibition was "Indian Space Program". The Poster exhibition was inaugurated by Prof. S. R. Chaudhari, Vice-Principal, Modern College, Pune - 5. Prof. S. R. Wagh and Prof. V. T. Shelke evaluated the posters. Prof. N. M. Pardeshi was the coordinator of this event.
4. **Project exhibition and competition:** 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 3rd February 2016. Dr. R. S. Zunjarrao, Principal inaugurated the exhibition. Dr. Sandeep Patil was the coordinator of this event. Shri. Pravin Rane, Director, Prowiz Systems, Pune and Prof. Nileshkumar Pardeshi examined the projects.
5. **Power point competition:** The students of S.Y.B.Sc. prepared power point presentations on various topics of Physics and presented those in the class. This competition gave the students an opportunity to improve their presentation skills. Dr. Vaishali Waman and Prof. Hrishikesh Khatri judged the presentations. Prof. S. R. Gogte was the coordinator of this event.

The prizes of all these competitions were awarded by Prof. S. S. Thengadi, Prof. S. R. Wagh and Prof. V. T. Shelke. They also guided the students about career development. The event was coordinated by Dr. Sandeep Patil, Prof. Sanket Gogte and Prof. Amishi Rindani.

Achievements of Students:

Results of the Department:

For the academic year 2014-15

Class	Percentage (%)
F. Y. B. Sc	69.96
S. Y. B. Sc.	86.73
T. Y. B. Sc.	98.9
M.Sc. I (Sem I)**	55

(**academic year 2015-16)

- A team of following students under the guidance of Dr. Sandeep Patil and Dr. Vaishali Waman participated in the "Inter collegiate Avishkar Competition-2016" conducted by Savitribai Phule Pune University, Pune: 1. Jithin P 2. Sainath Wadekar 3. Shanuja Radhakrishnan 4. Rajesh Gunjalkar 5. Sunil Barma
- Jithin P. a student of T.Y.B.Sc. participated in Physics Training Talent Search (PTTS-2015), a two week residential program held at Kuvempu

University, Shimoga, Karnataka. He is also selected for summer school at JNCASR (Jawaharlal Nehru Centre for Advanced Scientific Research) Bengaluru.

- Mr. Rohon Kundu, F.Y.B.Sc. student carried out research work under college 'Yuva-Sanshodhan' scheme on the topic Superconductivity. Dr. Sandeep Patil guided the project.
- A team of following students participated in 'Quiz Competition' organized by Indian Association of Physics Teachers in collaboration with Fergusson College, Pune: 1. Jithin P 2. Shanuja Radhakrishnan 3. Rohon Kundu

Activity for teaching and non-teaching staff:

- One day trip to Mahabaleshwar was arranged on 14th February 2016, for teaching and non-teaching staff of the department along with family.

Contribution by the teachers:

1. Prof. S. S. Thengadi actively participated in preparing the report and presentation for the NAAC, NIRF, Community college scheme, KAUSHAL. He also helped the college administration in preparation of proposals for various schemes/funding agencies and following up the agencies.
2. Prof. Nileshkumar Pardeshi attended the Refresher Course conducted by department of Physics UGC-Academic Staff College, Savitribai Phule Pune University in July 2015.
3. Dr. Sandeep Patil attended one day conference 'Innovation-2015', held at Fergusson College, Pune on 17th June 2015. He has also attended the Orientation Course conducted at UGC-Academic Staff College, Savitribai Phule Pune University from 1st Oct. 2015 to 28th Oct. 2015.
4. Dr. Vaishali Waman attended one day conference 'Innovation-2015', held at Fergusson College, Pune on 17th June 2015. She also attended the Orientation Course conducted at UGC-Academic Staff College, Savitribai Phule Pune University from 1st October 2015 to 28th October 2015.

Contribution by the Non- teaching staff:

- Shri. Namdeo Mahade (Lab. attendant) of the department was selected as representative of non teaching staff on LMC of the college.

Publications:

Dr. Sandeep S. Patil:

1. Electrochemical Synthesis of Conducting Polypyrrole Film on Tin Substrate: Structural, Chemical and Field Emission Investigations. *Journal of Nanoresearch* 16 (2016) 44.
2. Facile synthesis of cadmium sulphide-polyaniline (CdS-PANI) nanocomposite and its field emission investigations. *Journal of Polymer Research* 22 (6), 1-8.

3. Effect of synthesis parameters on morphology of polyaniline (PANI) and field emission investigation of PANI nanotubes
AIP Conf. Proc. 1665 (2015) 050078(1-3); DOI: 10.1063/1.4917719

Dr. Vaishali S Waman:

1. Effect of calcinations on structural, morphological and photo electrochemical performance of SnO₂/TiO₂ nanostructure films. *Thin Solid Films* 589 493-502 (2015)
2. Effect of annealing on optical and structural properties of rutile TiO₂ Nanoarrays
Journal of Nano Research 34 23-27 (2015)
3. Growth of boron doped hydrogenated nanocrystalline cubic silicon carbide (3C-SiC) films by HW-CVD Materials Research Bulletin 76 205-215 (2015)

Superannuation

- After a long service of 37 years, Prof. A.V.Deshpande, Head, Department of Physics retired from the services on 31-8-2015.
- After a long service of 38 years, Shri. Shashikant Kamthe, (Laboratory Attendant and also Member of Local Managing Committee of the college) retired from the services on 30-6-2015.

New Appointments

1. Prof. Mrs. Amishi Rindani (M.Sc., M.Phil., SET), Hrishikesh Khatri (M.Sc., GATE, SET) appointed for M.Sc.
2. Dr. Devayani Patil, Ms. Shital Bhosale, Mrs. Snehal Itape worked as visiting/ CHB faculty.

- Prof. S.S.Thengadi

Head

Department of Statistics

Department of Statistics organized the several academic activities during the academic year 2015-16.

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 28th January 2015. Result of the Quiz was as follows:

Class	Name of the Toppers	Rank
F.Y. B.Sc.	1.Mr. Mukund N. Shelake	First rank
F.Y.B.Sc.	1. Mr. Soham Chakraborty	First rank (Comp. Science)
S.Y. B.Sc.	1. Ms. Heena A. Shaikh	
	2. Ms. Mrunali S. Kumbhar	
	3. Ms.Suvarna S. Gandekar	
	Selected for the Final round.	

B) Glorious Achievements of Past students:

- i. Our past student Mr. Potanis C.E. (CEO, Nitor Infotech Company) published a book "Road to true success" on 13th March 2016.

C) Participation of Students:

- i. Twenty three students from our department attended seminar on "Programming Careers in India as well as abroad" on 16th January 2016 at Cytel Software Company, Pune.
- ii. Sixteen students from M.Sc. Statistics attended pre-conference of an International workshop at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16. On 19th December 2015. The international conference was conducted at YASHADA, in which Modern college was the joint-host.
- iii. Thirteen students from M.Sc. Statistics Part -II attended workshop on SET examination during 14th March to 19th March 2016 at T.C. College, Baramati.

2. Workshops Organized:

- a) Statistics Day was celebrated on 29th June 2016. Prof. Prabhu A. S. delivered a lecture on 'Statistics for business analysis'.
- b) Dr. P.V. Sukhatme's birth anniversary was celebrated on 28th July 2016. Dr. Sudhir Kulkarni guided students about conducting projects.
- c) Department organized one day **State level workshop on "Survival and Reliability Analysis"** on 9th January 2016. 127 students from various colleges from all over Maharashtra participated. The workshop was inaugurated at the hands of Dr. Vijay Narkhede, Dy. Director, Higher Education, Pune; Dr. D. D. Hangal Head, Department of Statistics, Savitribai Phule Pune University was the Chief guests.
- d) **S.Y. B.Sc. Quiz Final Round:** Department organized S. Y. B. Sc. (Statistics) Quiz final round on 13th February, 2016 on behalf of Pune University Statistics Association (PUSA). It was sponsored by Board of Student Welfare, Savitribai Phule Pune University. There were 60 students from various colleges of Pune University, 29 teacher participants including judges. Dr. Prof. B.K. Kale (Former HOD Statistics Dept., Pune University) was the Chief guest at the inaugural function. Dr. L.B. Thakur (Former professor and Head, Department of Statistics, Dr. B. R. Ambedkar Marathwada University,

Aurangabad) was the Chief Guest at the valedictory function. Principal Dr. R. S. Zunjarrao was present.

Following events were included in the final round:

- 1 Essay writing : Clean India movement
- 2 Group discussion : i) Metro in city required? ii) On line shopping – useful or not? iii) Statistics : Use and Misuse. iv) Use of What's app. v) Are Road Tolls to be exempted?
- 3 Presentation : Various topics based on statistical analysis.
- 4 Case Studies : Real life situations where statistical methods are to be applied.
- 5 Elocution : Elections in colleges.

3. Guest Lectures Organized:

29/06/2015 : Prof. A.S. Prabhu (Former professor of Fergusson College, Pune) on Statistics for Business Analysis

28/07/2015 : Dr. Sudhir Kulkarni on Projects based on statistical analysis.

23/12/2015 : Ms. Deepti Pujari Mr. Akash Rughani (Finstat Academy) on Business analyst- a profession.

30/12/2015 : Dr. J.V. Deshpande (Former Head, Department Statistics, University of Pune) Kaplan – Meier estimator.

5. 13/02/2016 : Dr. L. B. Thakur Former professor and Head of Statistics Department (Dr. B.R. Ambedkar Marathwada University, Aurangabad) on Statistics applied in various field.

23/02/2016 : Dr. M. N. Deshpande (Former Head, Department of Statistics, Institute of Science, Nagpur) Interesting problems in Probability.

4. **Campus Interviews and placements:** Four students of M.Sc. Part II were placed in CYTEL, Software Company Limited, Pune.

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

A) Prof. P. G. Dixit

- i. Delivered lecture at NSSO, on Health Statistics on Statistics Day (29th June, 2015).
- ii. Attended Workshop on syllabus revision of T.Y. B.Sc. Semester III at S.P. College on 14th August 2015.
- iii. Worked as a resource person at National conference at Balwant College Vita, on 25th and 26th September 2015.
- iv. Worked as a resource person at Sangameshwar College, Solapur on 10th October 2015. Topic was Research methodology.

- v. Attended workshop on syllabus revision of T.Y. B.Sc.Semester IV at S.P. College, on 11th December 2015.
 - vi. Conducted pre conference of international workshop at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune -16, on 19th December 2015.
 - vii. Delivered a lecture on Academic appraisal and performance analysis at Modern Law College, Ganeshkhind, Pune, on 18th March 2016.
 - viii. Delivered a lecture on Biostatistics for students of Life Sciences, at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune, under the DBT scheme.
 - ix. Delivered a lecture on Forecasting Techniques at Bharati Vidyapeeth, Pune under Quality Improvement Programme on 30th March 2016.
- B) Prof. P. S. Kapre**
- i. Attended workshop for Nodal officers at Pune University on 6th August, 2015.
 - ii. Attended Workshop on syllabus revision of T.Y. B.Sc.Semester III at S.P. College on 14th August 2015.
 - iii. Attended workshop on syllabus revision of T.Y. B.Sc.Semester IV at S.P. College on 11th December 2015.
 - iv. Attended seminar on "Programming carrers in India as wel as in abroad on 16th January 2016 at Cytel Software Company.
- C) Dr. M. M. Sane:**
- i. Worked as resource person in Biostatistics workshop conducted by Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow during 28/01/2016 to 31/01/2016.
 - ii. Attended Workshop on syllabus revision of T.Y. B.Sc.Semester III at S.P. College on 14th August 2015.
- D) Dr. A.T. Kamble**
- Gave an invited talk - IISA Conference Celebrating Statistical Innovation and Impact in a World of Big and Small Data. Department of Statistics, Savitribai Phule Pune University, December 20-24, 2015. (Bayesian estimation in shared Positive Stable Frailty models)
- E) Prof. Mayura Kanade**
- Attended seminar on "Programming Careers in India as well as abroad" on 16th January 2016 at Cytel software Company.
- 6. Achievements and Publications.**
1. Prof. Asmita Kamble is completed Ph.D. and awarded Doctorate by Savitirbai Phule Pune University.
 2. Dr. Asmita Kamble published four papers and submitted one paper.
 - i. Bayesian estimation in Shared inverse Gaussian frailty models. International Journal of Statistics, 1, 9-20 (2014).
 - ii. Bayesian Estimation in Shared Gamma Frailty Models. International Journal of Statistics and Reliability Engineering, 1(2), 88-112. (2014).
 - iii. Bayesian estimation in Shared compound Poisson frailty models. (International Journal of Reliability and Statistical Studies, 8 (1), 159-180 (2015).
 - iv. Bayesian estimation in Shared compound Negative Binomial frailty models. (International Journal of Multivariate Data Analysis).
 - v. Bayesian estimation in shared Positive Stable frailty models. (Submitted).
 - vi. Prof. P. S. Kapre received Best Teacher award from Progressive Education Society on the occasion of Late Shree Shankarao Kanitkar Day.
- 7. Industry Academia program:**
1. The department conducted training program on SAS software with the help of Data Science Lab Software Services, Pune. All M. Sc. II students participated. It enhanced the employability of the students.
 2. Mr. Kotkar M.S. from CYTEL Software Services, Pune taught the course "Analysis of Clinical trials" to M. Sc. Students for four consecutive years.
 3. Internship programme with National Sample Survey Organization (NSSO), Akurdi, Pune.
- 8. Miscellaneous**
- i. Prof. P.S.Kapre was appointed as Nodal officer of Modern college for all India survey on higher education by M.H.R.D.Govt. of India. He submitted DCF II form of Modern College, Shivajinagar, Pune -05 for the years 2013-14 and 2015-16 on AISHE portal. He also submitted information of the college on NIRF Govt. of India on 22nd January, 2016.
 - ii. Prof. P. G. Dixit worked as, Chairman of Gymkhana Committee.
 - iii. Dr. Manisha Sane worked as : Coordinator for Annual Prize Distribution Committee (Academic), Advisor Science Association committee, Chairperson of Result Analysis Committee
 - iv. Prof. R.M. Umrani worked as co ordinator for S.Y. B.Sc. Intercollegiate Quiz programme..
 - v. Prof. Asmita Kamble worked as, member of Science Association.
- Scholarship:** Cytel software sponsored scholarship of Rs. 1, 82,000/- under corporate Social Responsibility (CSR) scheme to 24 students.
- Prof. P. G. Dixit**
Head

Department of Zoology

Educational visits/study tours

Our students of S.Y.B.Sc. 'B' have a course in Applied Zoology. To make them understand the theory better a couple of educational visits were arranged by the department. Their first visit was to Entomology Division of the College of Agriculture, Pune. Students were shown the museum collection of insect specimens, charts, models and equipment used in Agricultural Pest Control. Prof.B.T.Kalbage and Ms.Pallavi Shewale accompanied the students.

In the second term, students of S.Y.B.Sc. 'B' visited the Central Bee Research and Training Institute (CBRTI), Pune. In addition to the permanent museum, they were shown demonstrations in bee keeping and handling of bee colonies. Prof.B.T.Kalbage and Dr. P.S.Kudnar accompanied the students.

Excursion tour to the sea coast to study the marine fauna is a unique experience. T.Y.B.Sc. Zoology students had a Study tour to Devgad, Ratnagiri, Dapoli and Harne sea coast in January 2016. In addition to the actual field study on the sea-shores, they also visited fishing areas, fish market area, museums and institutes of academic interest. Prof.B.T.Kalbage and Dr.Y.S.Shinde organized the tour and escorted the students. Laboratory attendant Mr.Gopal Daundkar also accompanied the group. Prof.Nagesh Daftardar from Devgad guided the group and provided valuable information about the local flora and fauna, during their field trip to Devgad sea coast.

Special Visits

T.Y.B.Sc. Zoology students visited Ross Life Science Pvt. Ltd. in Bhosari to gain insights about rearing of insects and also the applications in insecticide and deterrent/repellent testing. It was fascinating to observe the life cycle of mosquitoes, cockroaches and house flies. Mr.Girsh Dhekane (ex-students) of Ross Life Science Pvt. Ltd. coordinated this activity.

Later in the afternoon they visited Uttara School of Environment at a small village Waksai, near Lonavla. Herpetologist Shri. Neelinkumar Khaire has created this innovative centre. All sorts of waste material especially made up of plastic, is re-used or recycled here. Innumerable useful articles have been prepared from waste and have been displayed. Volunteers regularly spread this message to nearby schools and citizens and also to the visitors. Mr.Narendra Naidu, Ms.Pallavi Shewale and

Laboratory assistant Mr.Unesh Gore accompanied the students.

Activities under DBT Star College Scheme, New Delhi

Special Workshop on Microscopy

Two day workshop on Microscopy in collaboration with the Department of Zoology, Savitribai Phule Pune University has now become a regular feature of our department. The first batch was conducted on 30th and 31st January 2016 and consisted of 32 students from F.Y.B.Sc. 'B' and S.Y.B.Sc. 'B'. The second batch was conducted on 20th and 21st February 2016 and consisted of 33 students from F.Y.B.Sc. 'B' and S.Y.B.Sc. 'B'.

Dr.B.B.Nath, Professor in Zoology, Department of Zoology, Savitribai Phule Pune University, conducted the major sessions. His lucid explanation and practical tips aroused interest and enthusiasm amongst the participants. He made the students understand the basics of Microscopy right from a simple microscope to the electron microscope. Dr.Leena Thorat from Dr.Nath's Savitribai Phule Pune University laboratory conducted a few lectures and hands-on-training sessions. Few sessions were conducted at the Department of Zoology, Savitribai Phule Pune University. Dr. P.S.Kudnar was the Coordinator for this special workshop.

ZooQuiz Contest-

The ZooQuiz contest based on the regular syllabus of the under graduate students, was conducted in December 2015. 500 students participated in the written elimination round. Top 20 students were selected for final round.

Teams-

Winner Team -Campbell

Mayor Mhaske, Rashmi Bhosale, Pradnya Lad, Priya Thathachriar

Runner up Team-D arwin

Gayatri Shinde, Salonee Martins, Uma Sawant, Atharva Takale

Third Position- Mendel team

Sweety Shinde, Dnyaneshwari Gandekar, Vaishnavi Risbud, Shivani Chaturvedi

ZooVision-

The exhibition cum competition of posters and models was conducted in January 2016. Nearly 100 students participated

First Prize-Junior Wing

Sweta Wankhede, Nikita Teke, Kajal Karkare

First Prize- Senior Wing

Salonee Martins, Rashmi Bhosale, Devashri Sonar, Prachita Pillay, V. Preethi, Arti Bhope, Shubham Shendage, Vaishnavi Uchgaonkar
(all from S.Y.B.Sc. class)

Second Prize- Senior Wing

Nikhil Joshi, Swapnil Boyane, Subodh Gaikwad (all from T.Y.B.Sc. class)

Third Prize- Senior Wing

Pinak Joshi S.Y.B.Sc.

Third Prize- Senior Wing

Pradnya Kadam F.Y.B.Sc.

Uma Sawant F.Y.B.Sc.

Third Prize- Senior Wing

Priyanka Missal, Mayuri Thigale, Vrushali Sonawane, Kumari Arti (all from S.Y.B.Sc. class)

Prof. Dr. Sushama Thatte was the judge for this competition.

Lecture Series-

- Ms. Anjali Pawar on 'Child Abuse' on 24th July 2015
- Lokayat volunteers on 'Hiroshima and its aftermath' on 10th August 2015
- Dr. Leena Thorat on 'Career Opportunities in Life Sciences' and on 'English for Scientists' on 22nd August 2015
- Dr. Kalpana Pai on 'Leishmaniasis' on 15th September 2015
- Dr. Dharav Shah on 'Ill effects of Alcohol and Nicotine Addiction' on 12th October 2015
- Dr. Sagar Pandit on 'Plant - Insect Interaction', December 2015.
- Dr. Anilkumar Khaire on 'Ex-situ Conservation of Animals' on 17th December 2015.
- Dr. Abhijeet Safai on 'Clinical Endocrinology' on 18th December 2015
- Mr. Pankaj Seksaria on 'Andaman Island Story' on 23rd December 2015
- Dr. Sameet Mehta on 'New Generation Sequencing', in December 2015.
- Lokayat volunteers on 'Traffic problems and other environmental issues in Pune city' under Vasundhara Film Festival

Information about Teachers:**Dr. H.V. Ghate****Research Publications (National Journal)**

- Paripatyadar, S., S. Riphung and H.V. Ghate (2015). First report of the female of an aquatic bug *Cheirochela assamensis* Hope, 1841 (Hemiptera: Heteroptera: Naucoridae) from Northeast India. *Journal of Threatened Taxa*, 7(1): 6815–6820.
- Paripatyadar, S., S. Gaikwad and H.V. Ghate (2016). Authentic report of *Ceresium leucosticticum* White (Coleoptera: Cerambycidae: Callidiopsini) from Pune and Satara in Maharashtra State. *BugsRAll Newsletter of the Invertebrate Conservation & Information Network of South Asia* 22 May 2016 Issue.

- Padhye, S.M. and H.V. Ghate (2015). Morphological Reassessment of *Triops cancriformis* Bosc (Crustacea: Branchiopoda: Notostraca) Population from Kashmir, India with Comments on the Distribution of the Species in India. *Proceedings of The Zoological Society*, DOI 10.1007/s12595-015-0137-8.
 - Kulkarni, M.R., Sameer Padhye, A. I. Vanjare, S. S. Jakhalekar, Yugandhar Satish Shinde, S. V. Paripatyadar, S. D. Sheth, Siddharth Kulkarni, S. K. Phuge, Kalyani Bhakare, A. S. Kulkarni, Kalpana Pai and Hemant V. Ghate (2015). Documenting the Fauna of a Small Temporary Pond from Pune, India. *Journal of Threatened Taxa* 7(6):7196-7210
 - Bharathimeena, T., H. V. Ghate and Jaisankar, I. (2015). Rediscovery of *Cylindrepomus filiformis* Breuning, 1938 (Cerambycidae: Lamiinae: Dorcaschematini) from Andamans, India. *ENTOMON* 39(4): 171-182 (2014...published in 2015)
 - Paripatyadar, S., S. Gaikwad and H.V. Ghate (2016). Authentic report of *Ceresium leucosticticum* White (Coleoptera: Cerambycidae: Callidiopsini) from Pune and Satara in Maharashtra State. *BugsRAll Newsletter of the Invertebrate Conservation & Information Network of South Asia* 22 May 2016 Issue.
- Research Publications (International Journal)**
- COCQUEMPOT, C., Alain DRUMONT, Dimitri BROSENS & Hemant V. GHATE (2015). First interception of a cerambycid beetle *Stromatium longicorne* (Newman, 1842) in Belgium and distribution notes on other species of *Stromatium* (Coleoptera, Cerambycidae, Cerambycinae). *Bulletin de la Société royale belge d'Entomologie/Bulletin van de Koninklijke Belgische Vereniging voor Entomologie*, 150 (2014): 201-206
 - Padhye, S. and H.V. Ghate (2015). Authentic record of the palaeomonid shrimp *Macrobrachium scabriculum* (Heller, 1862) from Maharashtra, India. *Crustaceana* 88 (9): 1049-1054
 - Kulkarni S, Ghate H (2016) First record of the thread-legged assassin bug *Myiophanes greeni* Distant, 1903 (Heteroptera: Reduviidae: Emesinae) from India. *Biodiversity Data Journal* 4: e7949. doi: 10.3897/BDJ.4.e7949

Mr.Narendra M. Naidu

- Was invited to deliver a Motivational talk for the students of Std X and also on another day to address the NIOS students, in July 2015 at St.Ursula High School, Akurdi.
- Was invited as a Chief Guest for the Inauguration of 'Nature Club' at Genba Sopanrao Moze College, Yeravada, in August 2015.
- Was invited as a Resource Person at ACS College, Lasalgaon, in January 2016 to deliver a series of lectures on 'Developmental Biology' for students and staff.
- Organized a trip to Anandwan, Hemalkasa and Sonmuth in January 2016. The group consisted of NSS volunteers, students of S.Y.B.Sc.'B', a few ex-students and NSS programme officers of Junior wing.
- Was a Resource person in the 'Ornithology' Course conducted by ILA Foundation and Abasaheb Garware College, Pune.
- Worked as the Assistant Coordinator for the 'Centre for Innovations in Teaching, Learning and Evaluation' recently established by our college and actively participated in programmes and workshops organized by this centre.
- Attended 'Global Summit in Biotechnology', Organized by DBT at Vigyan Bhavan, New Delhi in February 2016.
- Conducted a session on 'Animal diversity' and 'Blood groups' in a Children's camp organized by Prarthana Samaj, Pune, in May 2016.

Prof.B.T.Kalbage

- Attended a workshop on 30th March 2016, on 'Biodiversity laws' at Savitribai Phule Pune University, organized by Maharashtra State Biodiversity Board.
- Coordinator for the M.Sc. Zoology teaching programme.

Dr.P.S.Kudnar

- Completed the UGC-Orientation course conducted by Academic Staff College, Savitribai Phule Pune University in October 2015.
- Attended an International seminar on 'Mind education' in October 2015.

Dr.Y.S.Shinde

- **BCUD project**-Taxonomy and distribution of Ostracoda (Crustacea) of phytotelmata from Western Maharashtra. (2014-16) Rs. 2.2L
- **Publication**
Kulkarni, M.R., S. Padhye, A.I. Vanjare, S.S. Jakhalekar, Y.S. Shinde, S.V. Paripatyadar, S.D. Sheth, S. Kulkarni, S.K. Phuge, K. Bhakare, A.S. Kulkarni, K. Pai & H.V. Ghate (2015).

Documenting the fauna of a small temporary pond from Pune, Maharashtra, India. *Journal of Threatened Taxa* 7(6): 7196–7210; <http://dx.doi.org/10.11609/JOTT.04190.7196-210>

Dr. (Mrs.) Shubhangi S. Puranik

- Appointed as a faculty member for M.Sc.Zoology teaching programme
- Published Paper titled "Effect of organically grown *Cinnamomum verum* on leukemic & MCF7 cell lines" in *International Journal of Scientific Progress and Research*, February 2016.
- Worked as Student Welfare Officer and coordinated seminars and workshops funded by SPPU.
- Acted as coordinator for implementing Earn and Learn Scheme for students.
- Worked as an examiner for evaluation of the thesis for Degree of Philosophy
- Worked as a guide for Ph.D. student.
- Worked for project evaluation of B.Sc. Biotech (Agriculture), M.Sc. Biotechnology students.
- Worked as a coordinator for certificate course "Animal Tissue Culture" in the department of Biotechnology.
- Coordinated with Rotary Club for installation of Rotract Club at College and for conducting different programs under Rotary Youth Leadership Award (RYLA).

Ms.Netra D.Kulkarni

- Appointed as a faculty member for M.Sc.Zoology teaching programme
- **Dr.Ananda A. Babrekar , Ms.Pallavi K.Shewale and Ms.Anushree Karmarkar** were appointed as temporary teaching faculty for the undergraduate courses in Zoology.

Mrs.Chabukswar Vaishali V

- Appointed as Moderator for H.S.C. Board Exam for Biology (Section II)
- Worked as Zoology In-charge for Junior college for the academic year

Mrs.Ashwini Deshkar

- Was invited as a resource person for guiding students of Std XII at Rani Laxmibai Sainik School
- In-charge for conducting the NSO Exam
- Member of the Winning team of Throw Ball and Dodge Ball in Kanitkar Sports Competition

Mrs.Renu Bhalerao

- Worked as a resource person for a workshop conducted by MKCL for students
- Involved in planning and execution of 'Kala Saptah' activities and was In-charge for the Singing Competition

- Anchor during the Inaugural programme of 'Community College' in presence of MLA Mr. Anantrao Gadgil

- Anchor for ZooQuiz 2015

- Attended workshop on 'Omkar Sadhana'

Mrs. Chabukswar, Mrs. Bhalerao and Mrs. Ashwini Deshkar

- Conducted 'CET' based MCQ tests for Std XII
- Worked as resource persons for the Add-on-course 'Integrated Vermitechnology Training Course', conducted by our department

- Guided students for ZooVision 2015

- Member of Organizing team for ZooQuiz 2015

Mr. Umesh Gore

- Our laboratory assistant Mr. Umesh Gore completed the course on 'Modi Script' and passed the exam conducted by the Government of Maharashtra.

- All members of the teaching and non-teaching staff worked in various committees for the International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' organized by our college in January 2016, under the Centre for Innovations in Teaching, Learning and Evaluation. The non-teaching staff whole heartedly lent their assistance. Students of M.Sc. Zoology (Part I) were actively involved in the entire activity. Mr. Narendra M. Naidu worked as the Joint-Organizing Secretary.

Current activities of the Post-Graduate Research Centre

Revival of the Post Graduate Teaching

After a long gap of nine years the Post Graduate teaching was revived. Twenty students confirmed their admission for M.Sc. Zoology –I this year.

Dr. Shubhangi Puranik and Ms. Netra Kulkarni were specially appointed for PG teaching. Prof. B. T. Kalbage was appointed as the Coordinator for this programme. All UG staff also contributed to the PG teaching and practical sessions.

Prof. Dipali Lodh, Prof. Waldhe, Prof. Sangita Sarma, Mr. Hrishikesh Joshi and Dr. H. V. Ghate were Contributory teachers.

In addition to the regular teaching guest speakers were invited for the benefit of the PG students. These included Dr. Somvanshi, Dr. Kishori Dhumal, Dr. B. B. Nath, Dr. Leena Thorat, Dr. Rajesh Sharma, Mr. Shasrabuddhe, Dr. Rahul Mungikar and Dr. S. J. Thatte.

An educational tour was specially arranged for the PG students to Hyderabad. The students visited Bioserve Biotechnologies (India) Pvt. Ltd. which focuses on Cancer Genetics, Centre for Cellular and

Molecular Biology (CCMB), Centre for DNA Fingerprinting and Diagnostics (CDFD), Nehru Safari and Laboratory for Conservation of Endangered Species (LaCONES). It was a very enriching experience as the students got an exposure to the advanced techniques used in Life Sciences and Biotechnology today.

Dr. Mandar Kulkarni (BioServe), an ex-student of our department took initiative and wholeheartedly helped us in organizing this educational tour and also to make it academically fruitful.

Mr. Narendra Naidu and Dr. Shubhangi Puranik escorted the M.Sc. Zoology students.

Research

Seven candidates have applied and sought provisional admission for Ph.D. at our PGRC. Ph.D. Course work has been started at our PGRC this year.

Integrated Vermitechnology Training Course:

Our department in collaboration with Institute of Natural Organic Agriculture (INORA) this Add-on Course this year too. One batch of 18 students completed the training course. The course was held from October 2015 to March 2016.

Field visit was one of the main components of this course. The main site was the INORA project at Daravali. In addition the participants were taken to individual bungalows, Vermicompost unit at IISER and the INORA office at Bavdhan. This gave the participants an idea about practical waste-management.

Alumni activities

An Alumni meet was organized on 26th April 2015 at the department. The initiative was taken by the 2014 batch along with an ex-student Mr. Swapnil Jagtap (2004 batch). Ex-students from various batches had turned up.

Our past students Mr. Girish Dhekane and Mr. Rahul Marathe (ROSS Life Sciences) and Dr. Mandar Kulkarni were instrumental in organizing educational visits for our students.

Parents' Meet

For the first time in the department of Zoology a Parents' Meet of the students of T.Y.B.Sc. Zoology, with the teaching and non-teaching staff. Principal Dr. R. S. Zunjarrao and the Head Mr. Narendra Naidu addressed the parents in presence of their children.

Later Dr. Yugandhar Shinde gave a presentation on 'Career opportunities in Zoology'. Prof. B. T. Kalbage and Dr. P. S. Kudnar shared information about the departmental activities with the help of a slide show.

This was followed by an informal interaction. The parents gave a positive feedback about this activity.

Achievement of Students

Pinak Joshi, Anushree Bhattacharya and Sudhanshu Raj participated in 'Zoo-fest', organized by Abeda Inamdar College, Pune.

Aniket Phadtare T.Y.B.Sc. was the topper in T.Y.B.Sc. Zoology for the year 2014-15. He bagged the Prof. Mora Teja Chauhan Prize.

Aniket Phadtare and Poonam Lonkar secured admission for M.Sc. Zoology at the Savitribai Phule Pune University. Aboli Avhad, Sonali Naidu, Neeraja Dhole, Shweta Rahane, Pratik Pansare, Balasaheb Sarode and Varada Kulkarni secured admission for M.Sc. Zoology at Modern College, Pune-5. Pallavi Deokar and Shamal Mhaske sought admission at Ahmednagar College, Ahmednagar. Rashmi Mundada opted for Masters in Health Sciences, SPPU and Neha Gaikwad sought admission for M.Sc. in Bioinformatics at SPPU.

- Narendra M. Naidu
Head

Department of Commerce

Academic Results:

- The result of B. Com. Examination held in April, 2015 was 91.46%
- The result of M. Com (2013 Pattern) Examination held in May 2015 was 47%

Faculty Development Activities

During the year, the department conducted following activities

- a) Three days Training on 'Using MS Excel 2007 – Advanced Options'. CA Kakatkar was the expert for the course.
- b) One Day Training on 'How to prepare an Effective Presentation using MS Power-point 2007' conducted by Dr. Yashodhan Mithare
- c) Guidance on 'Writing a Research Paper' by Dr. Sanjay Kaptan, Head Department of Commerce, SPPU, Pune.

Student Development Activities

- a) **Vyapar Mela:** VYPAR MELA-2016, a commercial get together was organized on 2nd and 3rd February, 2016. The objective of this event was to inculcate entrepreneurial skills among college students. Students from various faculties of our college along with students from various colleges from Pune city also participated in Vyapar Mela-2016. Mr. D. S. Kulkarni, Pune based successful entrepreneur and well known industrialist inaugurated the event. Principal Dr. R.S. Zunjarrao chaired the inaugural session and Prof. Shamkant Deshmukh, Secretary P.E. Society, Pune also was present on this occasion.

There were 70 stalls wherein variety of the items of products and services were showcased for the presentation and sale for the participants. Few titles of the stalls include –

1. Self Made items
2. Tradable items like readymade garments, Electronics etc.
3. Exhibition-cum-sale of hobby items Nursery Plants, Books, Photography, Painting, Tattoos, Mehendi, etc.

This activity was funded by Students' Welfare Board of Savitribai Phule Pune University and was found to be instrumental in developing entrepreneurial skills, abilities and traits among college youth.

Mr. D. S. Kulkarni, (Managing Director, D.S.K. Ltd.) delivered a motivational speech by quoting his personal experiences as an entrepreneur. Students' developed the sense of responsibility by participating in this activity. It also helped in nurturing business values such as Team Spirit, Leadership, Marketing and Communication skills.

b) Guest Lecture on Union Budget 2016-17

The Department had organized a guest lecture on Union Budget 2016-17 on 3rd March, 2016. The lecture was delivered by renowned Chartered Accountant CA Chandrasekhar Chitale.

This lecture was mainly organized for the students of T.Y. B.Com to understand the new provisions, amendments in various acts like: Income Tax, Excise Duty and Value Added Tax, Minimum Alternative Tax, etc.

In his lecture, CA Chitale covered social, economic and political aspects of Union budget. He explained the new provisions, its impact on other areas, some other important policies of Union Government like: LPG subsidy policy, Women's Policy, etc. His lecture was informative and highly beneficial to the students. He also explained the financial position of Public Sector Banks.

c) Project Competition on Entrepreneurship

A Project Competition was organised by Dr. A.V. Kamble on Autobiographies of Successful Entrepreneurs like Azim Premji, Narayan Murti, and B.G. Shirke.

d) A course on Tally ERP 9/ Computerised Accounting

This course is conducted in the academic year 2015-16 for B.Com. students. The duration of the course was two months. In this course various lecturers delivered lectures on Computerised Accounting. 20 students participated in this course.

Name of the Coordinators – Dr. Vijay Gaikwad and Prof. Rahul Jadhav

Name of the Lecturers – Prof. Nikale A.N, Prof. Sabne P.N.

Research Centre in Commerce

Research Centre in Commerce, in its eight years of affiliation, has seven **guides** associated with the centre and **twelve research scholars** pursuing their Ph. D.

During the year Ms. Veena Kale has been awarded Ph.D. by Savitribai Phule Pune University while two students have submitted their thesis for evaluation.

In the academic year 2015-16, **seven students** registered at the centre, namely Ms. Rasika Date, Mrs. Shraddha Hirwe, Mrs. Reshma Gawali, Ms. Hemlata Chandorkar, Mr. Hemant Bhise, Mr. Narayan Sakate and Mr. Nilesh Waghmare

Dr. Vijay Gaikwad is working as the Co-ordinator for the Research Centre in Commerce.

Achievements of staff

Papers presented by faculty

Prof. Shraddha Hirwe

- i. 'Green Initiatives of Selected Public and Private Sector Banks in India: A Comparative Study' at the **State Level Seminar** on 'Recent Developments in Indian Banking Sector' at Kaveri College of Commerce, Pune, on 23rd January, 2016.
- ii. 'Green banking - A tool of Sustainable Development for Indian Banks.' at the **National Conference** on 'Exploring Contemporary Trends in Social Sciences' at Sir Parashurambhau College, Pune, on 7th and 8th March, 2016.

Staff members availing FIP

During the year, two staff members from the Department viz. Prof. Swati Ahiwale and Prof. Rupesh Bansode availed leave under the Faculty Improvement Programme (FIP) for pursuing their Doctoral Research.

Other achievements

1) Dr. Y. R. Waghmare (Vice-Principal and Head)

- **Resource person** at following programmes-
- Refresher Course in Commerce, organized by Savitribai Phule Pune University, Pune, October 2015.
- Course Work for Ph. D. in Commerce, organized by Department of Commerce, Savitribai Phule Pune University, Pune, June 2015.
- Seminar, organized by S.N.D.T. College, Pune, January 2016.

2) Dr. Sanjeevani. K. Rahane

- Conducted workshop under VAP (Vidyarthini Aarogya Prabodhan) programme organised by

Health Centre – SPPU at Sarhad College, Pune on the topic 'Stress Management.'

- Was invited as a Key Note Speaker at the National Seminar on 'Marketing - Past, Present and Future', at VIM's College of Commerce, Pune.

3) Dr. Ashok V. Kamble

- Invited as subject expert for Ph.D. Pre-Registration presentation by Garware College of Commerce, Pune.
- Appointed as V.C. nominee for conducting Ph.D. candidates' interviews in Ness-Wadia College, Pune and in Ahmednagar College.
- Invited as a Guest Speaker in Arts, Commerce & Science college for U.G. & P.G students on the subject 'Entrepreneurship as a Career'.
- Invited as a Chief Guest for inauguration of Modern presentation week for B.B.A. and B.C.A. students in the Computer & Business Studies Center, Shivajinagar, Pune.
- Invited as a judge in the North Maharashtra University Campus Level Research Convention Avishkar -2015 for evaluation of Posters /Models presented by U.G. and P.G. students.
- Invited as an Observer for evaluating research projects of Avishkar -2015-Zonal Research competition organized by Savitribai Phule Pune University.
- Invited as a Guest Speaker on the subject 'Foreign Direct Investment' by Bharati Vidyapeeth University's Y.M. College, Pune.

4) Prof. Swati J. Ahiwale

- Attended one day seminar on 'Corporate Social Responsibility' under Faculty Development Programme, organized by Poona College on 1st February 2016.

5) Dr. Vijay N. Gaikwad

- Appointed and successfully worked as co-ordinator of Practical Examination of S.Y.B.Com, March-April, 2016 for Savitribai Phule Pune University, Pune.
- Worked as a Convener for Vyapar Mela- 2016.
- Worked as a co-ordinator for Tally ERP.9/ Financial Accounting course -2016.
- Worked as a Chairman for Soft Skills Development Workshop – 2016.

6) CA Rasika P. Date

- Received First Installment from BCUD, Savitribai Phule Pune University, Pune for conducting Minor Research Project on topic 'Gender Audit of Educational Institutions – A Case Study of Select Deemed Universities.'

- Successfully completed Course Work for Ph.D. conducted by Department of Commerce SPPU, Pune between March, 2015 and June, 2015.
 - Represented SPPU, Pune in the Tenth Maharashtra State Level Research Convention 'Avishkar' 2015 in Commerce Management Law Category at Post PG Level. The Project was shortlisted for presentation round.
 - Worked as Avishkar Co-ordinator for the year 2015-16. This year three projects from the college were selected for the Tenth Maharashtra State Level Research Convention 'Avishkar' 2015.
 - Appointed as Member, Internal Quality Assurance Cell (IQAC) of the College.
- 8) **Prof. Ravindra Y. Deshpande**
- Was invited as a Key-Note speaker by MGR University, Chennai in a Seminar on 'IPR Awareness Program for Electronics and ICT sector' on 8th July 2015.
 - Participated in IP Vault - Chennai organised by CII/APTDC between 28th and 31st October, 2015.
 - Was a Co-organiser and participant at the Training on Patent Search by European Patent Office on 18th and 19th November, 2015.
 - Was a Co-organiser, and Panelist Speaker at the Indo European Conference on ICT- IPR - organized by DeitY, Govt of India and European Patent Office on 21st November, 2015
- 9) **Prof. Rupesh D. Bansode**
- Attended one day seminar on "Corporate Social Responsibility" under Faculty Development Programme organized by Poona College on 1st February 2016.
- 10) **Prof. Shraddha R. Hirwe**
- Successfully completed Ph.D. Course Work during March, 2015 to June 2015.
 - Successfully completed Refresher course in Commerce with "A" grade at Department of Commerce SPPU, Pune during 1st October, 2015 to 21st October, 2015.
 - Worked as a co-ordinator for Vyapar Mela -2016.
- 11) **Prof. Rahul D. Jadhav**
- Worked as a co-ordinator for Vyapar Mela- 2016.
 - Worked as a co-ordinator for Tally ERP.9/ Financial Accounting course _2016.
 - Worked as a co-co-ordinator for Soft Skills Development Workshop – 2016.
 - The Department acknowledges the contribution of Visiting Faculty Members - Prof. Prajakta Sabne and Prof. Kruttika Wagh. The contribution of Prof. Amol Nikale and Prof. Shweta Khond is also appreciated and acknowledged.

- Dr. Sanjeevani Rahane
In-Charge Head

Wing of Computer and Business Studies

Department of Commerce (Non- Grant Section)

The academic year 2015-16 started on 15th June 2015. The total intake of F.Y.B.Com. was 430, S.Y.B.Com. was 292 and T.Y.B.Com. was 296 students. There were three divisions in each year.

Our students participated and won prizes in inter-collegiate activities and competitions conducted by various colleges such as Garware College of Commerce, Brihan Maharashtra College of Commerce and Maghanmal Udham College of Commerce.

Our students appeared for interviews of Amazon, AGS India, Here Map Solutions, e-Clerks in campus pool of other colleges. Two students have been placed in Amazon, one student has been placed in Here map Solutions and two students have been placed in e-Clerk.

A series of Co-Curricular activities were organized beginning with Academic visit to National Institute of Bank Management (NIBM) on 10th July, 2015. On 14th July, 2015 Aptitude Test and guest lecture on Career Guidance by Mr Amitendra Kumar was organized.

In order to gauge the critical thinking among students a Screening of Marathi Movie Lokmanya was shown on 15th July, 2015. In order to improve the reasoning capacity of the students, Debate competition on the topic "Smart Phones, Panacea or Placebo", was held on 27th July 2015. On 31st July, 2015 Guest lecture on Digital Entrepreneurship by Mr Nishant Mehta from Bajaj Allianz was conducted. On 5th Aug, 2015 Guest lecture on Communication Skills by CA Priya Agashe, 6th Aug, 2015 Guest lecture on "Know your Environment" by Environmentalist Medha Sonawane, 7th Aug 2015 Guest lecture on E-Banking By Mr Dhanajay Kulkarni from TJSB Sahakari Bank and 10th Aug, 2015 Pick and Speak Competition, 31st Aug, 2015 Guest Lecture on E-Marketing by Dr P.V. Sathe were conducted consecutively.

In the month of September a series of activities such as Guest lecture on Relevance of New Economic Policy for Indian Economic Development by Dr Mukund Mahajan on 2nd September, 2015, 3rd September 2015 PPT Competition on communication skills were conducted. A team of Rotary club, Daund conducted health education for women on 4th September, 2015. A Guest lecture on "Challenges

for Entrepreneurs by Mr Shirish Karnik on 7th September 2015 was conducted. On 8th September 2015 Commerce Association was inaugurated by Shirish Mohite. On 16th sept to tickle the brains of the students Sudoku competition was organized. In order to develop respect for the national language Hindi Diwas was celebrated on 18th Sept followed by the-Guest lecture from Prof Sandeep Mulay. On 22nd sept, a Guest Lecture on Resume writing and interview Techniques by Ms Reena Pawar and Mr Sumit Kumawat was organized. From 29th Sept to 1st Oct 2015 lecture series under the title 'Grahakteeertha Vyakhyannamala' followed by the talks given by eminent speakers like ACP Bhanupratap Barge on awareness on social networking, Lecture by Dr Milind Bhoi on Addiction free country and Lecture by Dr Renutai Gavaskar on Relationship between Parents, teachers and students was held as a part of the lecture series. In the month of October Guest lecture on Practical Courses for Accounting, Taxation and Finance by Ashok Budhkar on 5th October and 12th October an Industrial visit to Katraj Dairy was organized. Internal exam was held at the end of the month and students went on Diwali vacations. On 5th Dec Evs Exhibition was held in order to create awareness among students about the environmental conservation which was inaugurated by Our Principal R.S. Zunjarao. On 9th Dec Guest lecture on Soft skills by Kezia Cherian from ICA Pune and grooming manners by Vishal Agnihotri on 10th December and 11th December guest lecture on Cyber Crime by ACP Bhanupratap Barge was organized. In order to improve the presentation skills among students our college had organized Modern Presentation week from 15th Dec to 21st Dec 2015 inaugurated by Dr A.V. Kamble. After the presentations by the students, guest lecture was conducted by Dr. Sharayu Bhakare on presentation skills.

On 5th Jan Poetry recitation and essay writing competition was conducted which was presided by Prof. Balaji Suryavanshi. On 12th Jan Youth Day was Celebrated to commemorate the birth anniversary of Swami Vivekananda which was hosted by Dr Sanjay Bharadwaj, presided by Principal Dr. Prof. R.S. Zunjarao. Commerce Fair was organized to display and sell the products manufactured by our S.Y.B.Com. Costing students. Lastly we concluded our activities by having a meditation session organized by Sahaj Yog on 30th January. **Prof. Philomena Fernandes was the Coordinator for B.Com. (Non-Grant section). M.Com. (Non-Grant)**

The passing percentage of first year and second year was 90% which was an achievement. The department conducted a series of activities throughout the year, including sessions on Human Rights, Information to Cyber Security and Soft Skills (Direct Tax Advisor) by subject expert in respective field for 10 credit Programme of Savitribai Phule Pune University for P.G. course.

The Guest Lectures organized were on following topics

- > Direct and Indirect Tax
- > Soft Skill Personality Development
- > Research Methodology
- > Team Building
- > Central Excise Act
- > Interview Skills
- > Management Audit.

Prof. Vaishali Doshi was the Co-ordinator for M.Com. (Non-Grant section).

BBA

Guest Lectures:

- "Students and Ethics" for S.Y. BBA by Dr. Rashmi Hebalkar
- "Image Management through Appearance & Communication" for S.Y. BBA by Mrs. Anne Anish
- "Understanding the General Ability Test Pattern and its preparation" for T.Y. BBA and T.Y. BCA by Mr. Amitendra Kumar
- "Digital Entrepreneurship – A Choice" for S.Y. BBA & T.Y. BBA by Bajaj Allianz
- "Changing Face of HR - New Trends in HR" for S.Y. BBA & T.Y. BBA (HR Spl.) by Prof. Ashish Mohture
- "Entrepreneurship & Event Management" for S.Y. & T.Y. BBA by Mr. Siljith Mohan
- "Developing a Career Personality" for FY BBA by Mr. Pushkar Aurangabadkar
- "Team Building" for SY BBA & TY BBA by Mrs. Priya Agashe
- "Health Education for Girls" for BBA, BCA & B.Com by a team of doctors from The Rotary Club of Daund
- "Financial Planning for Young Investors by SEBI" for F.Y. BBA by Mr. Pradeep Thite
- "HR Skills for Future Managers" for S.Y. BBA & T.Y. BBA (HR spl.) by Mr. Sudhindra Sarnobat
- "Study Overseas" for S.Y. & T.Y. BBA by SIEC, Pune

Workshops:

- One day certified workshop on "Confidence Building and Emotional Intelligence" for BBA students by Mrs. Anne Anish
- One day certified workshop on "Communication of clothes, attractive dressing as per body shape

and appropriate dressing, grooming and body language for interviews” for BBA students by Mrs. Anne Anish and Miss Ritu Punjabi

- One day certified workshop on “Public Speaking & Interview Skills” for BBA students by Mrs. Anne Anish
- Industrial Visits were conducted for the SY BBA students as a part of their academic curriculum. Following industries were visited by our team:
 - Parle (Talegaon) – Biscuits
 - Max On Wheels (Chakan) – Wheel rim
 - Oxyrich (Kharadi) – Water Bottles
 - Jainam Industries (Kharadi) – Fuel Pipes

Staff Achievements:-

Prof. Lawly Das presented two research papers.

1. **International Conference – ICBTS Conference 2015, Toronto. Title of the Paper:** Present Indian Education System: Addressing the Skill Gap. **Published in - IJBTS Journal**, Vol. 3 No. 1
2. **National Conference, September 2015. Title of the Paper:** Evaluating the Applicability of Maslow's Theory of Motivation to Education **Published in - Paridnya – MIBM Research Journal**, Volume 3, Issue 1

BCA

Guest Lectures:

- “Mobile apps suspense unfolds(Android & iphone myths cleared)” for T.Y.B.C.A.
- “To Understand General Ability Test Pattern” for T.Y.B.C.A.
- “Importance of Communication Skills” for F.Y.B.C.A.
- “Understanding ERD & DFD” by Prof. Abhijit Sathe.
- “Image Management Through Appearance & Communication” for BCA
- “Digital Entrepreneurship – A Choice” for S.Y. B.C.A. by Bajaj Allianz
- “Health Education for Girls” for BBA, BCA and B.Com. by a team of doctors from The Rotary Club of Daund.
- “Project guidance” by Prof. Shakila S. for T.Y.B.C.A. students.
- “Wireless Networking” by Prof. Prashant Mulay.
- “MCA CET Guidance” by Prof. Puranik.

Staff Achievements:-

- Prof. Namrata Gadgil published following books in the year 2015-16
1. Computer Networking and cyber security, ISBN :978-93-5158-318-9 Class:T.Y.B.Com.
 2. Java Programming ISBN : 978-93-5158-323-3 Class : T.Y.B.C.A.(Sem V)

3. Advanced Web Technology ISBN : 978-93-5158-479-7 Class : T.Y.B.C.A.(Sem VI)

Common Events and Activities of BBA and BCA:-

1. Welcome function was organized for newly admitted students to first year. Various events and activities were organized as a part of welcome function.
2. Orientation Program for F.Y. B.B.A., F.Y. B.C.A. and F.Y. M.Com. was organized for introduction of college to students. Guest of honor was Mr. Pratap Govindrao Pawar, Chairman of Sakal Papers Limited who enlightened students by sharing his valuable thoughts. Another highlight of this program was Inauguration of the Activity Club.
3. On the occasion of International Youth Day (August 12, 2015) we celebrated the entire week as youth week. We screened various motivational movies followed by critical analysis and question-answer session. Week was concluded with guidance session by an emerging entrepreneur Mr. Amit Jadhav followed by an Art and Craft exhibition.
4. To encourage entrepreneurship skill we observed “Entrepreneurship Day”. Students presented different stalls as their business which was inaugurated by an emerging entrepreneur Mr. Shankar Barve.
5. Teachers day was organized by students where they shared their views about teachers & college.

Social Week:-

The Wing of Computer and Business Studies (WCBS) organized Social week from 18th December to 23rd December 2015.

- **Day One** (18-Dec-2015) - Social Week was inaugurated by the Honorable Guest Mr. Sanjay Nahar. He guided on the topic “Youth against Terrorism”. Inauguration Ceremony was held at Shree Vidya Hall of Modern College (WCBS). After the inauguration session, our college team visited “Matoshree”, an old age home. Our aim was to understand the difficulties faced by old people in their day to day lives and we encouraged the senior citizens to live their rest of the life happily. This is how we spent some Quality Time with them.
- **Day Two** (19-Dec-2015) - Our Students visited the Mother Teresa home. They tried to understand the situation and condition of the mentally challenged women and to help them in all aspects as possible.
- **Day Three** (21-Dec-2015) - Session held on “Natural Calamities and Global Warming” by

Honorable Guest Mr. Santosh Gondhalekar. He explained the concept by giving the latest example of Chennai which is suffering from natural calamities caused by the irresponsible behavior of people towards nature. A skit and a guest lecture was arranged to create awareness amongst people about Natural Calamities and Global Warming.

- **Day Four** (22-Dec-2015) - Session held on "Girls Education and Women Empowerment" by Honorable Guest Mrs. Sadhana Sethiya. She guided students on women education and empowerment.
- **Day Five** (23-Dec-2015) - "Humanity Award" was given to Sou. Sindhutai Sapkal also known as Mother of Orphans who is a renowned social worker. People like Sindhutai Sapkal act as angels for orphan children by providing them shelter, food, clothes, education and better living conditions.
- "Vidyabhushan Award" was awarded to Honorable Chairman of P.E. Society, Dr. Gajanan Ekbote.

Aarohan 2015-16:-

- "Aarohan – Exploring the limitless talent" is an annual college fest dedicated to explore the student's unexplored & limitless talent in various fields like sports, arts and cultural activities. It is a platform where they are able to showcase their hidden talent with vigor and enthusiasm. Students get a welcome break from their regular academic schedule by participating in various competitions.

This year's itinerary included :

- Sports Events (5 a side football, Box cricket, tug of war)
- School day + Chocolate day (Rangoli, Creative Writing (Essay & Poetry), Tug of War - (Boys/ Girls), PPT Presentation, Black Out Coding)
- Filmy day & Rose day (NFS, Mad Ads, Counter Strike, Debate, Mehendi,
- Mismatch Day & Tattoo day (Treasure Hunt, Quiz, cooking without fire
- Traditional day

State Level Seminar:-

Title: - Role of e-commerce in Modern Business - Date: - 15 & 16 February 2016

Modern College of Arts, Science and Commerce, Shivaji Nagar, Pune and Savitribai Phule Pune University (SPPU) jointly organized the two days state level seminar on "E-Commerce : Role of E – Commerce in Modern Business" under Quality Improvement Programme (QIP). This was a two days seminar held on 15th and 16th February, 2016. The

seminar aimed to provide platform for interaction among academicians, industrial personnels, students, entrepreneurs and government officers.

- Prof. M. D. Waghmare
Vice-Principal, WCBS

Junior Wing

Vice Principal- Prof. Vilas B. Alhat,

Supervisor- Prof. Ravindra N. Ingole

Total number of Std. XI students (all faculties) 1543, **Std. XII students** - 1154.

List of meritorious students of Std. XII -

Science faculty:

- 1) Mr. Apte Amey Atul - 90.30 %
- 2) Mr. Kulkarni Aditya Yogesh - 90%
- 3) Mr. Mandke Prathmesh Kalyan - 89.84%
- 4) Miss. Medhekar Rucha Shirish - 89.53%
- 5) Mr. Dnye Shubham Atul - 89.38%

Arts Faculty:

- 1) Miss. Khadilkar Hemangi Uday - 84.76%
- 2) Miss. Bapat Sneha Gurunath - 84.30%
- 3) Mr. Bhadra Umesh Utpal - 84.15%
- 3) Miss. Panse Shambhavi N. - 84.15%
- 4) Miss. Kale Ishwari Nilkanthrav - 83.38%
- 5) Miss. Kulkarni Vaidehi - 83.23%
- 5) Miss. Mehendale Neeraj - 83.23%

Commerce Faculty:

- 1) Miss. Patil Shivani Bajirao - 89.84
- 2) Miss. Talathi Harshani J - 89.07%
- 3) Miss. Dube Sweta Tukaram - 88.92%
- 4) Miss. Shetty Tejasvi Satish - 88.30%
- 5) Miss. Koratkar Payal Sanjay - 87.69%

Activities:

- The students of Junior college participated in various sports and cultural activities. Study tours were organized. Students of Std. XII Science, Commerce and Arts were given an opportunity to develop an appreciation of the melodious, classic Hindi and Marathi songs. Vaishnavi Patil of Std. XII Arts 'A' obtained 1st prize in Dance Competition organized by Color T.V. Channel. She is now participating in their 'Dholkichya Talavar', another competitive program.
- Guidance lectures were conducted for Std. XI about 'Centralized admission process'. Dy. Director of Education Mr. Ramchandra Jadhav visited our college. Prof. Mrs. Jyotsna Ekbote, Chairperson - LMC Junior College was present. One non grant division of XI Science and one division of XI Commerce were started from this academic year 2015-16.

- Guidance lecture for all Principals of Pune region was conducted, regarding filling online XII exam forms. Secretary of HSC Board, Pune Mrs. Pushpalata Pawar, Education Officer Mr. Karkar, Assistant Secretary Mr. Daivadnya guided the participants. Personality Development and Communication skill programme was organized for division of unaided students.
- The Commissioner and Secretariat officers of Social Welfare Department of Government of India New Delhi visited our college on 14th October 2015. Rashtriya Bal Swasthya Karyakram of National Health Mission, Government of Maharashtra was conducted. This included Eye check up Camp and general check up for junior college students. Dr. Ghogare, Dr. Mrs. Bhatambrekar delivered lectures about health and food.
- In the month of January 2016, Education Officer Mr. Harun Attar and Dy. Education officer Smt. Gaikwad were present for a meeting organized in Modern College. Programme Officers of National Service Scheme, Pune region and the Officers of the department of Education of Pune Municipal Corporation were also present in this meeting.
- Lokmat Geetam Scholar exam was conducted for our 403 students of Science faculty. U-Dise information of Junior College were verified by related committee.
- Junior College teachers participated in International Conference of Innovations in Teaching, Learning and Evaluation in Higher Education.
- A meeting of all Principals of all schools and colleges was organized by Dy. Director of Education, Pune Division in Modern College. In this meeting rules and regulations for organizing Study tours for students were discussed and finalized. Mr. Ramchandra Jadhav, Dy. Director of Education, Mrs. Minakshi Raut Asstt, Dy. Director of Education, Pune Division, Prof. Dr. Gajanan Ekbote, Chairman, Business Council, P.E. Society, Prof. Mrs. Jyotsna Ekbote Chairperson, LMC Junior College, and Principal Dr. Rajendra Zunjarrao were present.
- On 22nd and 23rd January 2016, Annual Social Gathering was conducted and response of students was encouraging.
- NSS camp of Junior College was organized from 8th to 14th December 2015, at Satya Sai Seva Kendra Phulgaon, Tal. Haweli, Dist. Pune.
- Special drive for children those who are not going to school was conducted by Commissioner of

Education. Our students participated in this drive in large number. Prof. P.M. Sambare, Prof. P.S. Varade, Prof. Vagh V.C., Prof. Manisha Mandhare, Prof. Sucheta Jadhav and other teachers guided the volunteers of NSS.

- Prof. Valmik Vagh and Prof. Mrs. Pooja Bedekar qualified the SET exam of Economics.
- Prof. Deepak Kute, Prof. Sachin Bhondwe encouraged the 'sports students' to bag gold, silver and bronze medals in different competitions. 350 players of Junior College participated in team events and 73 students participated in individual events. 43 students got individual medals in various games.

Competitive Examination

Science Olympiad Foundation (SOF)

Exams of SOF were scheduled as follows:

20th October 2015 - National Science Olympiad
 10th December 2015 - International Maths Olympiad
 28th January 2016 - International English Olympiad
 The registrations in academic year 2015-16 are as follows:

SOF-XI-46, XII-12 total 58

IMO-XI-27, XII-10 total 37

IEO-XI-14, XII-7 total-21

In-charge of the respective examinations

- 1) Mrs. Sucheta Jadhav- Department of Mathematics
 - 2) Mrs. Ashwini Deshkar- Department of Zoology
 - 3) Mrs. Ann Joy- Department of English
- Ms. Manisha Mandhare – Department of Botany guided them.

Results First Level

NSO Exam date 20th Oct 2015

- 1) Vaibhav Mahajan - Gold Medal of Excellence
- 2) Nikhil Koli - Gold medal
- 3) Aditya Ukale - Silver medal
- 4) Aishwarya Jathar - Bronze medal

XII-1st rank Nupur Puranik, 2nd rank Priya Thathachari, 3rd rank Aditya Doiphode

Second Level Merit certificates to 1st – Vaibhav Mahajan, 2nd – Nikhil Koli

IMO Exam on 10th Dec 2015

XI – Gold medal - Aditya Ukale

Silver Medal - Aditya Bandal

Bronze Medal - Vaibhav Mahajan

XII - Gold Medal - Utkarsaha Mandekar

IEO Exam date 28th January 2016

XI - Gold medal - Shreya Athavale

2nd rank - Ruturaj Ghodke,

3rd rank - Snehal Markad

XII- 1st rank Twinkle Prabhudas, 2nd rank Maitrayee Kulkarni, 3rd Rank - Anooja Mahadik

- IAPT's Indian Association of Physics Teachers National Standard examinations in Physics, Chemistry, Biology Astronomy and Junior Science was held on 22nd November 2015.

The total registrations were as follows

NSEP- 23 + 12 = 35
 NSEC- 16 + 19 = 35
 NSEB- 15 + 6 = 21
 NSEA- 3 & NSEJS – 3

Total enrollment 97

Results were declared in January 2016

- NSEP- 1st Aditya Doiphode, 2nd Swapnil Holkar, 3rd Jayant Choudhari
- NSEC - 1st Shreya Mehta, 2nd Aditya Doiphode, 3rd Kuldeep Patil
- NSEB - 1st Omkar Doiphode, 2nd Priya Thathachariar, 3rd Nupur Puranik
- NSEA- 1st Gargi Kodirwar, 2nd Jayant Choudhari
- Regional Mathematical Olympiad on 6th December 2015
 4 students registered from our college.
- Young Chef Competition in collaboration with IIHM, Pune and Incredible India was conducted in the college on 27th July 2015.
- Two teachers from the Junior wing Ms. Manisha Mandhare and Shri. Valmik Wagh attended Review Committee Meeting In Hyat Pune organized by NIOS Pune. They presented their views regarding the new policy in Education and the course of B.Ed. and M.Ed.
- Visit to Hemalkasa, Anandwan and Somnath was organized by NSS unit from 31st December 2015 to 4th January 2016. Mrs. Sujata Gangurde, Mrs. Sunita Nighot and Ms. Manisha Mandhare from Junior wing were in the team of 23 members.
- Teachers Chef competition First round in college was arranged on 6th October 2015. Eight teachers participated in the activity. Four teachers - Mrs. Sunita Gosavi, Manisha Mandhare, Mrs. Vaishali Aher and Mr. Sairaj Patki were selected for second round held in November 2015. Ms. Manisha Mandhare and Mr. Sairaj Patki were selected among the ten finalists in the competition held on 5th Dec 2015 in IIHM Pune.
- Mr. Sairaj Patki got the second prize in Pune city of Rs, 25000/.

- Prof. Vilas B. Alhat
 Vice-Principal, Junior College

Library

Our library added 3415 books in the library during 1st April 2015 to 31st March 2016. Now there are 99547 books in the library. 3415 books were added under following sections:

1. Jr. Wing	-	110
2. Sr. Wing	-	1393
3. Non-Grant	-	586
4. BBA/BCA	-	1067
5. Donation	-	259

We are grateful for the donation of books received from:

1. Dr. G. R. Ekbote
 2. Prof. Shamkant Deshmukh
 3. Dr. Vijay Kuvalekar
 4. Prof. Narendra Naidu
 5. Dr. D. D. Punde
 6. Dr. Piyushkumar Phuja
- Total 122 books were purchased under the research schemes of following staff members:
 1. Dr. Zunjarrao R. S. Botany BCUD
 2. Dr. Satam M. M. Economics BCUD
 3. Dr. Shende A. H. Economics ICSSR
 4. Dr. Gopale K. D. Botany DST
 5. Dr. Oke A. S. Psychology ICSSR
 6. Prof. Waman V. S. Physics BCUD
 7. Prof. Patil S. S. Physics BCUD
 - We have 117 print journal & magazines in the library. We have subscribed 3 databases which include 482000 e-books and 22400 e-journals. They are:
 1. INFLIBNET-NLIST
 2. DELNET
 3. British Library
 - We have Institutional membership of following libraries:
 1. Jaykar Library, SPPU, Pune
 2. Library of Gokhale Institute of Economics, Pune
 3. Library of Deccan College, Pune
 - Conference papers, research articles, theses, dissertations of research scholars in the college and from outside are evaluated through "Turnitin" software which is an anti-plagiarism software prescribed by Savitribai Phule Pune University.
 - Seven students worked in the library under Earn & Learn scheme of Savitribai Phule Pune University.
 - Eighty five students (Arts: 13, Commerce: 41 and Science: 31) availed the Book Bank facility from the library in the year 2015-16.
 - Selected books for girl students were kept in the ladies room of college, and books related to competitive examinations were kept in the

separate classroom for students preparing for such examinations.

- **Internet and Digital library** facility was provided for staff and students.
- General / Extra reading facility was provided on every Saturday except examination period.

Following well-known academicians visited our library:-

1. Kyung Nam- Guest Lecturer, Philippines
2. Dr. Vandana Shelar, Librarian, Garware College, Pune
3. Kadam Rajendra Laxmanrao, Dy. SP, CID, Pune
4. Ambegaonkar Smita, Deshmukh Uma, Aundhkar Vivek- Past Students

Library Activities during 2015-16

1. Junior College Arts (History) students visited library to know about encyclopedias and dictionaries and other reference books in the library.
2. Birth anniversary of Dr. Abdul Kalam (15 October 2015) was celebrated as "Vachan Prerana Diwas." Two book exhibitions were organized on this occasion:
i) Sadhana Prakashan ii) Ved Agency
3. **Saraswati Pooja & Book Exhibition** of newly purchased books was organized on 21st October 2015. Informative lecture was given by Prof. Datre M. S. on "Library Facilities" for staff.
4. Other library activities performed during 2015-16 are as follows:

No. Activity Title Activity Date

1. 14 hours reading (Dr. Ambedkar Jayanti) 13.04.2015
2. Anti Terrorism Day 21.05.2015
3. Sanvidhan Divas 26.11.2015
4. Sale of withdrawn books 14.03.2016
5. Shahid Din 23.03.2016
5. Birth Anniversary of great national leaders and thinkers declared in Government of Maharashtra's list was celebrated in the library as follows:

No. Name of the leaders and thinkers Date

1. Mahatma Jyotirao Phule Jayanti 11/4/2015
2. Dr. Babasheb Ambedkar Jayanti 14/4/2015
3. Basweshwar Maharaj Jayanti 2/5/2014
4. Maha Rana Pratap Jayanti 31/5/2014
5. Shahu Maharaj Jayanti 26/6/2015
6. Vasantrao Naik Jayanti 1/7/2015
7. Lokmanya Tilak Jayanti 23/7/2015
8. Shahir Annabhau Sathe Jayanti 1/8/2015
9. Maharishi Valmiki Jayanti 8/10/2015
10. Vallabhbbhai Patel Jayanti 31/10/2015
11. Indira Gandhi Jayanti and National Integration Day 19/11/2015

12. Jijau Maasaheb Jayanti and Swami Vivekananda Jayanti 12/1/2016
 13. Netaji Shubhashchandra Bose Jayanti 23/1/2016
 14. Chhatrapati Shivaji Maharaj Jayanti 19/2/2016
 15. Yashwantrao Chavhan Jayanti 12/3/2016
- Mrs. Madhuri S. Datre
Librarian

Art Circle

- Art Circle committee was reconstituted this year with Prof. A. V. Kamble as the new Chairperson and Prof. (Mrs.) Sunita Gosavi, Prof. (Mrs.) Renu Bhalerao and Prof. Ms. Sangita Sarma as new Vice chairpersons.
- **Inauguration Program:** On 1st August 2015, the activities of Art Circle were inaugurated by the famous artists, Mr. Rahul Ranade (Music director), Mr. Pramod Marathe (Principal, Gandharv Music School) and Pushkar Lele (Singer). This program was supported by Rotary Club of Pune, Shivajinagar under their "Rotary Youth Leadership Award, (RYLA)" program.
- All three guests guided our students about Career opportunities in Music.
- **Kala Saptaha (Cultural Week):** A week of various competitions was organized for identifying the talent of students. We organized Solo acting, Instrumental music, Poster painting, Dance, Mehendi, Rangoli, Story telling, Play reading and Singing competitions.
- Prof. Sunita Gosavi worked as an In-charge of this activity. Prof. Renu Bhalerao, Prof. Sangita Sarma, Prof. Archana Apte, Prof. Nisha Bhandari, Prof. Vaishali Aher, Prof. Manda Admane, Prof. Vandana Joshi, Prof. Rupali Aher, Prof. R. L. Dabhade, Prof. Shweta Javale, Prof. V. B. Suryavanshi, Mrs. Swati Patwardhan, Mr. D. R. Shah, Mr. Ingale Shivraj, Mr. T. G. Gandhi, Mr. Vijay Gogavale, Mrs. Mangala Salunkhe were in the organizing team.
- **Workshop:** In the month of July, selection workshop for Purushottam Karandak was conducted by our Drama group students. Pankaj Nagpure and Chaitanya Deshpande conducted this three day workshop.
- **Dhol Tasha Pathak:** As a new addition to Art circle activities, Art circle has formed a Dhol-Tasha Pathak exclusively only for girls. Sixteen Dhol and four Tasha were specially purchased for this purpose. Our ex-student Atmesh Borkar took efforts to form and train this pathak. As a result, our Dhol-Tasha pathak won consolation

prize in "Jatan-16" competition organized by Pune Municipal Corporation. This pathak consisted of a group of twenty girls.

- **Inter-collegiate Drama Competition:** Students from our college participated in various inter-collegiate drama competitions and won prizes in the following competitions:
 - a. **Purushottam Karandak:** One act Play "24 X 7" written and directed by Pankaj Nagpure was presented in this competition. Vaibhav Tare got consolation prize for best actor.
 - b. **Bharat Karandak :** Second prize for group. Chinmaya Tipnis – first prize for acting, Pankaj Nagpure- Second for Writing and direction, Urvija Thakurdesai- consolation prize for stage craft, Chaitanya Deshpande – lights.
 - c. **D.Y.Patil Karandak Primary Round:** Selection in final round.
 - d. **D.Y.Patil Karandak Final Round:** Second prize for group. Urvija Thakurdesai-first prize for stage craft, Chinmaya Tipnis- Consolation prize for acting.
 - e. **Firodiya Karandak 2016:** Group of 28 students participated in this competition. Tanya Gokhale and Vaibhav Tare - first prize in Varali painting.
 - f. **Amdar Karandak Thane Primary Round:** Selection in final round
 - g. **Amdar Karandak Thane Final Round:** Chinmaya Tipnis- consolation prize for acting Male, Anagha Kakade-Consolation prize for acting Female.
 - In addition to these competitions our drama group participated in following competitions:
 - Lokankika primary round, Sarpotdar Karandak, Vinodottam Karandak, Umbartha Karandak, Dadar Mumbai.

Inter-collegiate Dance Competition:

- a. Christ College group dance competition: First prize – Abhishek Dhapte and group
- b. Cresendo (ISBM) : First prize
- c. Ignisense (Symbiosis) : First prize for group, Abhishek Dhapte- First prize for individual performance
- d. Mood-Indigo Elims (Pune) : First
- e. Vedant (BJ Medical) : Second
- f. Jatan (Pune Municipal Corporation) : Third
- g. Mood-Indigo (IIT Mumbai) : Consolation prize

Inter-collegiate Music Competition:

- a. Malhar, Xaviers Mumbai : Third prize for our Music Band
- b. Vedant (BJ medical) : First prize for our Band named as "Tashkars"
Rajat Mukharji- First prize for individual performance

- c. Ignisense (Symbiosis) : First prize for our Band
- d. Sympulse (Symbiosis): Nitesh Aher-first prize for individual performance
- Our Music group had formed a Music band named as " Tashkars". Nitesh Aher, Paritosh Sangale, Apurva Lele, Rajat Mukharji, Tanvi, Niraja Mehendale, Mercy actively participated in this group.
- Principal Dr. R.S. Zunjarrao and all Vice principals rendered their constant support and encouragement. Mr Vilas Lad, Mr Deepak Shah , Mr Shendkar, Mr Prakash Sable from account section and Mr Shavalkar, Mr Dhananjay Shendkar, Amol Ghane, Mrs. Tanvi G Kadam and all non teaching staff of college and members of Art circle always lent their active support.

- **Prof. Ashok V. Kamble**
(Electronics)
Chairperson

Arts Association

The Arts Association of our college organizes various co-curricular and extra-curricular activities for the students.

In addition to Guest lectures, Arts Association organizes various competitions in the college like, Essay competition, Elocution Competition and also sponsors the students for participation in other colleges.

Following students participated in various competitions organized in the college and in other colleges in the year 2015-16:

1. Balaji Talegave (M.A.), Vishvajit Avte (S.Y.B.Sc.) – State level Elocution Competition organized by S.P. College, Pune – Winner team.
2. Vishvajit Awate (S.Y.B.Sc.) – Inter college Elocution Competition organized by Rambhau Mhalgi Prabodhini and Savarkar Pratishthan, Mumbai – First Prize.
3. Balaji Talegave (M.A.) – State level Elocution Competition organized by SPPU and Fergusson College -Student welfare – Second Prize.
4. Ankush Arekar (S.Y.B.A.) – State level Elocution Competition organized by Kartavya Pratishthan, Daund – Third Prize.
5. Ankush Arekar (S.Y.B.A.) – Utkarsh State level Socio- cultural Essay competition – Second Prize.
6. Ankush Arekar (S.Y.B.A.) – Utkarsh State level Socio- cultural Poetry competition – Third Prize.
7. Ankush Arekar (S.Y.B.A.) – Poetry Recitation competition organized by Arts Association of Modern College of Arts, Science and Commerce, Pune 05 – Second Prize.

- 8 Ankush Arekar (S.Y.B.A.) – Self composed Poetry competition organized by Arts Association of Modern College of Arts, Science and Commerce, Pune 05 – Third Prize.
 - 9 Vishvajit Awate (S.Y.B.Sc.) – Swatantrya Veer Savarkar Smruti State level Elocution Competition – First Prize.
 - 10 Vishvajit Awate (S.Y.B.Sc.) – Parle Tilak Vidyalaya Association State level Elocution Competition – Second Prize.
 - 11 Vishvajit Awate (S.Y.B.Sc.) – Vishvagandharv Elocution Competition – First Prize.
 - 12 Vishvajit Awate (SYBSc) – Late Dhananjay Inamdar Sir Elocution Competition – Second Prize.
 - 13 Pandurang Kasbe (T.Y.B.Com.) – Intercollegiate Research Paper Competition organized by INDSEARCH, Pune – Third Prize.
 - 14 Pandurang Kasbe (T.Y.B.Com.) – State level Elocution Competition organized by PCMC – Third Prize.
 - 15 Miss Avani Pendse (S.Y.B.A.) – Malhar Competition Mumbai – Participation.
- All the members of the Arts association and the heads of Arts faculty guided the students.

- Dr. Madhu Satam
Chairperson

Best Student Trophy Committee

- Chairperson - Prof. (Mrs.) Beena Muttalgiri
 Advisor - Dr. (Mrs.) S. K. Rahane
 Members - 1) Dr. (Mrs.) Sunita N. Gosavi
 2) Prof. Manisha Mandhare
 3) Prof. (Mrs.) S. R. Hirve
 4) Prof. (Mrs.) Pooja M. Paratane
 5) Prof. (Mrs.) Arati Goggi
 6) Prof. (Mrs.) Shilpa Dange
 7) Prof. D. L. Khokale
 8) Prof. (Mrs.) S. S. Gangurde
 9) Prof. N. M. Paradeshi
 10) Prof. (Mrs.) Reema Nair

- The Best Student Trophy is awarded to the Best Student from Junior Wing, Senior Wing and Post- Graduate Wing.
- The best student from **Junior Wing** receives "College Trophy" and "Late Jyotsna Godbole Cash Prize".
- The best student from **Senior Wing** receives "Damodar Shield" and "Veer Savarkar Cash Prize".
- The best student from **Post-Graduate Wing** receives "Best Student P.G Trophy".

- The committee invited applications from students and after scrutinizing the application forms the students were shortlisted. The shortlisted students were called for personal interview. One student from each wing was declared as 'The Best Student of The Year'.
- This year eighty applications were received. Among them nineteen were shortlisted for personal interview and group discussion.
- A Panel of Judges was formed. The interview was held on **16th January 2016**. The shortlisted students were judged on the basis of **confidence, personality and communication skills**. They were also judged based on a **group-discussion on a given topic**.

- Following students were shortlisted in the **Junior Wing**:

- | | |
|-----------------------|------|
| 1. Gayatri Paratane | XI E |
| 2. Sayali Bahirat | XI G |
| 3. Rashi Chaudhary | XI H |
| 4. Mansi Chaudhari | XI E |
| 5. Shubham Kakade | XI G |
| 6. Niranjana Kulkarni | XI G |
| 7. Kewalramani Jain | XI G |

The topic for group discussion was – **Who makes the Career choice? You or your parents?**

Following students were shortlisted in the **Senior Wing**:

- | | |
|------------------------|-----------------------|
| 1. Suraj Vidhate | F.Y.B.A. |
| 2. Pratik Kumar Jain | T.Y.B.Sc. (Comp.Sci.) |
| 3. Mayuri Kanashetty | S.Y.B.Sc. (Comp.Sci.) |
| 4. Sayani Biswas | T.Y.B.A. (A) |
| 5. Shreya Priyadashani | F.Y.B.Sc. (Biotech) |
| 6. Shaheen Miya | T.Y.B.Sc. (Comp.Sci.) |

The topic for group discussion was - **Is the current education system supporting skill development?**

Following students were shortlisted in the **Post-Graduate Wing**:

- | | |
|---------------------|-----------------------|
| 1. Suraj Kumar | M.Sc. I (Physics) |
| 2. Prasad Pashankar | M.Sc. I (Comp. Sci.) |
| 3. Rima Mane | M.C.A. II (Sci.) |
| 4. Vaishali Pujari | M.Sc. II (Comp. Sci.) |
| 5. Katke Reshma | M.C.A. II (Sci.) |
| 6. Ishita Gadgil | M.A. (English) |

The topic for group discussion was - **Do students have a role in syllabi framing?**

The Panels of Judges were as follows:

Junior Wing :

- | | |
|--------------------------------|-----------------|
| 1. V.P.- Prof. V. B. Alhat | Guest of Honour |
| 2. Supervisor | |
| Prof. R. N. Ingole | Guest of Honour |
| 3. Dr. (Mrs.) Sunita N. Gosavi | |
| 4. Prof. Manisha Mandhare | |

5. Prof. (Mrs.) S. S. Gangurde
6. Prof. (Mrs.) Beena Muttalgi

Senior Wing :

1. V.P.- Dr. N.J. Kulkarni Guest of Honour
2. V.P.-Dr. Y. R. Waghmare Guest of Honour
3. Dr. A. V. Kamble
4. Prof. Narendra Naidu
5. Dr. (Mrs.) N. H. Mahajan

P.G. Wing :

1. Prof. A. G. Gosavi - Guest of Honour
2. V. P.- Prof. S. S. Deshmukh - Guest of Honour
3. V. P.- Prof. S. R. Chaudhari
4. Dr.(Mrs.) S.K.Rahane
5. Prof.(Mrs.) M.S. Suryavanshi
6. Dr. (Mrs.) S. S. Mujumdar

- **The Best Students of This Academic Year 2015- 16 were :**

Junior wing:

Sayali Bahirat XI G

Senior Wing (UG):

Shaheen Miya T. Y.B. Sc. (Comp.Sci.)

Post Graduate Wing:

Ishita Gadgil M.A. (English)

The Committee is extremely thankful to Principal Dr. Rajendra Zunjarrao, Panel of Judges, the Staff members and the Students for their whole hearted support. The committee also acknowledges the cooperation of the teachers, non- teaching staff of the Gymkhana Department.

- Prof. B. U. Muttalgi
Chairperson

Commerce Association

On 21st August 2015, the Inaugural ceremony of commerce Association was conducted in the auditorium hall of P.E. Society. The Chief guest of the ceremony was Prof. Adv. Chintamani Ghate, ex- senate member of SPPU.

Principal Dr. R. S. Zunjarrao spoke about how successful the association was and also addressed about MISSION 100% of the college, which means 100% attendance by the students, 100% lectures to be conducted by the teachers & 100% results from the students.

Chief Guest guided the students on the topic "Law as a career". He had a very friendly interaction with the students and he also answered the queries of students as well as teachers.

During this academic year Commerce Association conducted the following activities:

Letterhead Design Competition:

In- Charge for this competition – Dr. R.W. Kulkarni

- | | | |
|------------------|-------------------|--------------|
| 1st Prize | Aparna Rajhans | -S.Y.B.Com. |
| | Shraddha Kulkarni | - S.Y.B.Com. |
| | Prajakta Pawar | - S.Y.B.Com. |

- | | | |
|-----------------------------|---------------|-------------|
| 2nd Prize | Sneha Naikade | -F.Y.B.Com. |
|-----------------------------|---------------|-------------|

- | | | |
|-----------------------------|------------------|------------|
| 3rd Prize | Minal Kanashetty | -M.Com. II |
|-----------------------------|------------------|------------|

Debate Competition

In-charge for the competition: Prof. Shraddha Hirve.

- | | | |
|-----------------------------|-------|-----------------|
| 1st Prize | Divya | -T.Y. B. Com. |
| | Payal | - T. Y. B. Com. |

- | | | |
|-----------------------------|------------------|--------------|
| 2nd Prize | Shivani Patil | - F.Y.B.Com. |
| | Harshani Talathi | F.Y.B.Com. |

- | | | |
|-----------------------------|-------------|-------------|
| 3rd Prize | Raj Darekar | -T.Y.B.Com. |
| | Pandurang | -T.Y.B.Com. |

Magazine Competition

In-charge of Competition: Prof. Rahul Jadhav

- 1st Prize:** Mizba Sayyed - F.Y.B.Com., Dipali Datre -T.Y.B.Com., Leena Shinde - F.Y.B.Com., Raj Darekar -T.Y.B.Com., Abhishek Bhondare - S.Y.B.Com., Prashnat Ghugarkar -T.Y.B.Com., Pooja Nirgire - F.Y.B.Com., Megha Kalbhor - F.Y.B.Com., Megha Sareen - F.Y.B.Com.

- 2nd Prize :** Sushant Pawar -T.Y.B.Com., Sanket Shelke -T.Y.B.Com., Shivani Patil - F.Y.B.Com., Shiddhika Pawar - F.Y.B.Com., Ajay Kohinkar - S.Y.B.Com.

Print Media Advertising Competition

In-charge: Prof. Amol Desai

- 1st Prize :** Jinal Satra -T.Y.B.Com., Pradnya Sonawane -T.Y.B.Com., Asmita Khandale - T.Y.B.Com.

- 2nd Prize :** Shivani Patil - F.Y.B.Com., Shraddha Deokar -F.Y.B.Com., Komal Thakkar - F.Y.B.Com.

- 3rd Prize :** Kirti Sawai - T.Y.B.Com., Rashmi Kulkarni - T.Y.B.Com., Swarali Kulkarni - T.Y.B.Com.

Essay Competition

In-charge of competition: Dr. Sanjeevani Rahane

- | | | |
|-----------------------------|-------------|-------------|
| 1st Prize | Ketki Patil | -S.Y.B.Com. |
|-----------------------------|-------------|-------------|

- | | | |
|-----------------------------|------------------|-------------|
| 2nd Prize | Sukanti Pednekar | -S.Y.B.Com. |
|-----------------------------|------------------|-------------|

- | | | |
|-----------------------------|-----------------|-------------|
| 3rd Prize | Sandhya Panchal | -T.Y.B.Com. |
|-----------------------------|-----------------|-------------|

Vyapar Mela : Vyapar Mela was organised by Commerce Department and Commerce Association. There were 72 stalls and 558 students participated as entrepreneurs.

There were 3 categories included in Vyapar Mela as below:

1. Self made products/eatables
2. Traded goods/services.
3. Exhibition

Business Dress Competition

Judges for the competition: Prof. Sandhya Vartak, Prof. Deepali Londh, Dr. Prerana Ubale

1st Prize : Shweta Goyal - M.Com. Part I, Madhuri Shah - M.Com. Part I, Heena Shaik - M.Com. Part I, Reshma - M.Com. Part I, Bhagyashree - M.Com. Part I, Deepika Jambekar - M.Com. Part I

2nd Prize : Nilesh Kale- T.Y. B.Sc., Suraj Kumar- M. Sc. I, Shanuja Radhakrishna- S. Y. B.Sc., Shradha Gadge- M.Sc. I, Mayuri Umbre- M.Sc. I

3rd Prize : Sayarabani Attar - F.Y.B.Com., Pallavi Ingle - F.Y.B.Com., Sayali Inamke - F.Y.B.Com., Awanti Tekawade - F.Y.B.Com., Himani Borhade - F.Y.B.Com., Pratiksha Shinde - T.Y.B.Com., Sushmita Honowade - F.Y.B.Com.

3rd Prize: Siddhika Pawar - F.Y.B.Com., Megha Kalbhor - F.Y.B.Com., Pratiksha Raje - F.Y.B.Com., Pallavi Pawar - F.Y.B.Com.

Waste – Management Competition

Judges : Dr. Suresh Deshmukh, Prof. Amol Desai

1st Prize : Kadam Tejashri, Kandhare Nutun, Wadekar Ruplekha, Gajarmal Shamlee, Khanawal Shweta, Pujari Rucha, Borate Komal, Whaval Tejaswini, Shingote Akashada, Sayali Bhalerao (all - M.Sc. II)

2nd Prize : Urmila Pawar, Priyanka Kashid, Shraddha Bandre, Nitin Patil, Rajratan Gaikwad, Priya Kakade (all - M.Com. I)

3rd Prize : Rutuja Payaguyde, Kajal Jadhav, Bhagyashri Takle, Pranali Katkar, Aparna Shinde (all S.Y. B.Com.)

Vice-Principal Dr. Y. R. Waghmare encouraged our students by supporting us in all the events conducted. All the members of the committee gave valuable suggestions and always rendered their support in all the activities of Commerce Association.

- Dr. Vijay Gaikwad
Chairman

Film Club

Keeping the tradition of last few years, this year also the Film Club has tried to supplement the science syllabi with the appropriate documentaries and films. Some of the films shown were as follows:

1. Journey to the Edge of the Universe: a BBC documentary describing the expanse of the universe and the celestial objects one observes while travelling away from the earth.
2. Earth from Space: A BBC documentary describing the changes the earth's atmosphere undergoes at different times of the year. This film also illustrates how events at one place on the

earth influence the events at the other places. It also shows how the entire earth behaves like one big organism.

3. 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.
4. How Plants Think and Communicate: A documentary on how plants perceive the environmental changes and how they are communicated to the neighboring plant communities.
5. Fukushima – Is nuclear power safe? : This documentary describes the accident at Fukushima Nuclear Power Plant, Japan and its aftermaths. The film is anchored by Prof. Dr. Ali Al-Khalili, who has presented the pros and cons of the nuclear power.
6. Secret of our living planet: This documentary is based on the forest ecosystems all over the world. It explains the types of forests, recycling of nutrients importance of fungi in forest ecosystems and importance of forests in supporting different organisms.
7. 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.
8. Mathematics in Biology: A documentary screened for the M.Sc. Mathematics students. It describes mathematical principles underlying the morphological structures in various life forms.

A topic on Greenhouse Technology is included in the syllabus of F.Y.B.Sc. Botany. A short documentary on this subject 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 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. We also made available two more films 'Ran' and 'Hamlet' by The Royal Shakespeare Company.

- Dr. R. B. Barmukh
Chairman

NCC

Strength of NCC, for the year 2015-16:

Wing	First Year		Second Year		Third Year		Total	
	SD	SW	SD	SW	SD	SW	SD	SW
Army	12	13	14	0	07	02	33	16
Naval	15	08	10	03	07	04	32	15
Air	0	0	0	0	0	1	0	1
Girls	0	0	0	0	0	0	0	0
Bn Unit								
Total	27	21	24	03	14	07	65	32

Total strength = 97 Cadets (65 SDs and 31 SW)

ARMY WING

Army Wing: Result 2015

	Grade Passed			Total
	'A'	'B'	'C'	
NCC Exam				
'B' Certificate	0	4	5	09
'C' Certificate	0	0	0	
Cdt Appeared in				
Feb 2016 Exam	SD	SW	-	Total
'B' Certificate	14	00	-	14
'C' Certificate	07	02	-	09

The NCC Army Unit undertook various activities during 2015-16, under the leadership of Capt. B. B. Yenage and SUO Kapil Sable.

- JUO Anju Yadav and CSM Dil Bahadur Thapa attended ALC Camp organized by 51 AIR NCC, Jorhat Assam Group HQ Assam, in Nov. 2015.
- JUO Anju Yadav participated in NIAP, Maharashtra and stood 1st among Gujarat, Karnataka, Goa and NER units.
- SGT Rajat Ninawe successfully completed his Special NIC Camp from Kakinada group, Andhra Pradesh and Telangana Directorate, in Oct. 2015.
- CPL Sanket Shelke and CDT Vishal Dhavde attended Narmada Trek Camp which was held at Gujarat Directorate, in December 2015.
- CDT Chauranganath Khandekar successfully completed RDC CAMP up to IGC at Aurangabad, in November 2015.
- JUO Makarand Dhamale successfully did his Basic Mountaineering Camp from Jawahar Institute, Jammu and Kashmir.
- Six second year Cadets underwent training with regular army in Army Attachment Camp which was held at Aundh for fifteen days in Jan. 2016.
- Rest of the Cadets successfully completed Annual Training Camp from NCC Group HQ, Pune.

NCC Alumni 2015.

- NCC Alumni meet was organized on Sunday, 25th October 2015. The programme was held at Modern College auditorium, Vice Principal Prof. S. R. Chaudhari was the chief guest and former

NCC Officer, Dr. T. D. Nikam was the special guest. The main purpose of this programme was to make available a platform of information and guidance to NCC Cadets. Cadets (Students) from 1997 batch were present.

- Recently commissioned officer of Modern College Lt. Nishant Joshi said that if you want to develop leadership qualities in yourself start playing sports. Cadet Yashwant Bankar, who is pursuing his training as a police sub inspector (Jailor cop-2) also guided our cadets.

The programme was highly motivating and useful for the students.

- **Young Entrepreneurs program** shown to NCC Cadets on 16th January 2016 under 'Make in India' event inaugurated by Prime Minister Honourable Shri. Narendra Modi.

NAVAL UNIT

NCC Naval Wing of our College undertook various activities under the leadership of Lt. A. V. Kamble and Cadet Capt. Pooja Wavhal.

- Cadet Capt. Pooja Wavhal won the Best cadet trophy from the 3 MAH Naval unit.
- PO Cadet Pramod Ravi Illayya certified with clearance of Basic yachting- level one, from the Yachting Association of India in Nov. 2015. He also successfully completed the All India NCC Yachting Regatta camp held at INS Chilka, Odisha.
- Seven first year SD Cadets along with eight second year and six third year Cadets participated in the Annual training camp held in group HQ Pune and won runners up trophies in the cultural competition.
- Twenty two cadets participated in the International Yoga day held on our college ground.
- Leading CDT Swangi Surya Prakash participated in the All India Annual training camp held in Kerala- Kozhikode.
- Leading CDT Vaibhav Kudale and Leading CDT Pranit Ware participated in the National Integration camp held at Bodhgaya, Bihar along with Lt. A.V. Kamble.
- Cadet Harshad Hargude completed RDC camp up to IGC level at Aurangabad.

Combined Social activities of Army Wing and Naval Unit:

- Cadets participated in **Rice plantation** activity under the slogan of "Ek Divas Shetisathi, Shetkarayacha Madatisathi" on 31st July 2015 held at Vinzar, Vellhe, organized by Amrut Varsha project.
- Cadets participated in **Tree Plantation** which was held at Paud on 2nd September 2015, as a part of Environment Awareness and the duty of the citizens to protect the environment.

- **Blood Donation Camp** was held at our college on Tuesday, 24th September 2015, jointly organized and conducted by NCC and NSS units of Modern College in association with K.E.M. Hospital Blood Bank, Rasta Peth, Pune. Total 93 blood bags were collected. Blood donation. Poster Exhibition also was set during the activity. The blood bank set a separate counter for Hemoglobin (Hb) check up for girl students of our college. Approximately 350 girls tested their hemoglobin count and doctors guided them properly.
 - **Swachha Bharat Abhiyan** activity was conducted in College campus during the year 2015-16 as a support to the Clean India Campaign of Prime Minister Honourable Shri. Narendra Modi.
All the cadets put in their best in the regular NCC activities as well as in programmes devoted to social cause.
- Capt. B. B. Yenage, Lt. A. V. Kamble
NCC Officer, Army NCC Officer, Naval

National Service Scheme

- Senior Wing
(NOT ME BUT YOU)

Regular Activity

The NSS unit senior wing has a sanctioned Unit of 250 student volunteers (aided) with an additional unit of 50 volunteers (self-finance unit). Students from all the streams i.e. Arts, Commerce and Science voluntarily participated in this scheme.

The Regular activities consisted of the following:

22nd July 2015 – Orientation of Volunteers:

- Two hours Orientation programme was conducted by the NSS Programme officers for new volunteers to tell them the importance and role of NSS in student life. Prof. P. S. Varade and Prof. Mrs. Nisha Bhandare answered all questions of volunteers. 200 students were present for this workshop.
- **30th July 2015 - Rice Plantation- Guidance By Adv. Nandu Phadake:** As a part of rice planting programme- *'Ek divas shetasathi, shethkaryancha madatisathi'*, Adv. Nandu Phadake guided the student about the rice plantation process. He also told the importance of this activity in student life and the benefits to the farmers and in general to the society.
- **31st July 2015 – Rice Plantation at Vinzar:** 1000 students from our college (NSS and NCC) and NSS P.O. Prof. P. S. Varade, Prof. Mrs. N.

K. Bhandare, Prof. Popat Sambare, Prof. Wagh, Prof. V. B. Kamble, Prof. Mrs. S. S. Puranik, Prof. Mrs. Gangurde, Prof. Aher and NCC officer Prof. B. B. Yenge actively participated in this activity. The students in a group of around 10-15 helped the farmers for planting rice, singing along in the rain. It was a memorable experience for the college students. Adv. Nandu Phadake, Sarpanch of Vinzar, other members of Grampanchayat, Principal of Vinzar College felicitated the group leaders and the teachers.

- **3rd August 2015 -Awareness Programme by Pune Police :** Rahul Rakhe (API) and Ashwini Jagtap guided the college students about - 'How one should take care about himself/herself and the society in worst situation and also how to tackle the situation ?'. A documentary was also shown to the students on the topic - 'Bomb detection and disposal'. Later, the students asked their doubts to the police officers.
- **13th August 2015- Inauguration of NSS Unit:** NSS District Coordinator Dr. Shivaji Pacharne, in the presence of our Principal Dr. R. S. Zunjarrao formally inaugurated the NSS activities for this year. Dr. Pacharne explained the complete structure of NSS activity. He also inspired the volunteers to actively participate in state level and national level NSS activities.
- **31st August 2015- NRD/SRD Pre- selection Camp:** NRD / SRD pre –selection camp was held in our college for Pune district volunteers. Around 300 students from 20 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. List of selected volunteers was submitted to SPPU.
- **16th September 2015 – Value Education Workshop:** APULKI and NSS, Modern College in collaboration organized one day work shop titled ' Apulki- Ek Samajik Bandhilkil'. Our Alumini Mr. Sandip Kale and his colleagues conducted many small activities in this workshop. Mr. Pravin Patil delivered a lecture on 'Child Abuse and Laws to stop child abuse'. Mrs. Ratna Yashwante delivered a lecture on 'Social Responsibilities of youth'. Mr. Akshay Dawadikar and Sainath Sapkal also guided the volunteers. NSS P.O. Prof. Mrs. N. K Bhandare was present for this Workshop.
- **19th September 2015 -Police Mitra Orientation:** Pune Police and NSS unit of Pune University organized the seven days Orientation programme for NSS volunteers of different colleges. They trained the volunteers for the

security in Ganesh festival. Commissioner of Police inaugurated the programme. 250 students and NSS P. O. P. S. Varade and Nisha Bhandare participated in this workshop.

- **23rd September 2015- Guest Lecture:** Dr. Sudhir Ujalambakar delivered a lecture on the life and contribution of Bharat Ratna Dr. A.P.J. Abdul Kalam. Around 150 students were present for this lecture.
- **24th September 2015- Tree Plantation:** On the occasion of NSS Day, NSS volunteers and NCC cadets together prepared 90 pits. 90 different plants including some medicinal plants were planted at Kule. Principal of Agri-Biotechnology Prof. Kajale guided the volunteers. NCC officer Prof. B. B. Yenge, NSS P.O. Prof. P.S. Varade and Prof. Nisha Bhandare were present for this activity.
- **30th September 2015 and 1st October 2015 – Road Safety Awareness Programme :** A poster exhibition cum competition was held on the subject 'Road Safety'. Through the poster volunteers explained different traffic rules and sign conventions for safety driving. 40 NSS volunteers participated.
- NSS volunteers of our college in four different group created awareness programme on road safety with self explanatory posters at Balgandharva Chowk, Dnyaneshwar Paduka Chowk, Mhasoba Chowk and Simla Office Chowk. They also convinced people to wear helmet and to use seat belt. TV News channel also supported this activity by recording the students' views on this awareness programme.
- **2nd October 2015 – Cleanliness Drive:** On the occasion of 'Mahatma Gandhi and Lal Bahadur Shastri's Birth anniversary and to support Prime minister activity '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'. All the program officers and NSS committee members were present for this activity.
- **26th November 2015 – Sanvidhan Day Celebration:** On this occasion our Principal Dr. R. S. Zunjarrao addressed the staff and students about the importance of this day. A Pledge was taken by all. Prof. P.S. Varade, Librarian Mrs. Madhuri Datre, Prof. Mrs. Manda Admane and 40 students were present for this programme.
- **30th December 2015 –Milk Distribution :** To create awareness in the society regarding 31st December celebration, a group of NSS volunteers

and Programme officers arranged 'Milk distribution' programme and at the same time convinced people not to drink wine on this occasion. A street play was performed by NSS volunteers on the same subject.

- **6th January 2016 - Savitribai Phule Birth Anniversary:** On the occasion of Savitribai Phule Birth anniversary Prof. Mrs. Jadhav delivered a lecture on the life of Savitribai Phule. She explained the struggle of Mahatma Phule and Savitribai Phule for the education of girls and women. She also told about different scholarships available for girls in higher education. Prof. Gajanan Apine and Prof. Nisha Bhandare were present for the programme.
- **7th January 2016 – Vasundhara Film Festival:** 30 students from our college participated in Vasundhara film festival. In this film festival the importance of wild animals, birds and tree conservation were emphasized. 15 different films were shown to the volunteers in this festival.
- **11th January 2016:** As a part of 'Yuva Saptah' our NSS unit celebrated – Birth Anniversary of –Swami Vivekananda. On this occasion Modern College and Jnana Prabodhini Center, Pune organized lecture of Suvarnatai Ghokhale and Aditya Sarpotdar. Both of them emphasized the work of Appa Pendse. Aditya Sarpotdar also answered some questions of students regarding Marathi film industry.
- **12th January 2016** Principal Dr. R. S. Zunjarrao and Shri. Popatrao Pawar were present on this occasion. Popatrao Pawar told about his ideas of ideal village and explained about the development of the Ideal village 'Hivare Bazar'. Principal Dr. R. S. Zunjarrao presided over the function.
- **18th January 2016- National Safety Awareness Programme :** On this occasion RTO officer Shri. Bhalchandra Kulkarni and his colleagues guided about different laws and precautions of road accidents. A short film was shown to the volunteers about different accidents on road in different countries.
- **19th January 2016 –Clothes Collection Camp:** Rotary Club Shivajinagr, Pune and Modern college NSS jointly organized the old clothes collection camp in college premises. Gift vouchers were distributed to the donors.
- **3rd January -30 January 2016- School Dropout Student Survey:** As a part of social responsibility and support to activity held by Government of Maharashtra, our 20 NSS volunteers and NSS P.O. Prof. P. S.

Varade rigorously did the survey of School dropout students in Kamgar Vasahat and Patil Estate area during this period. The report of the survey was submitted to SPPU as well as Pune Corporation Education Unit.

- **13th February 2016- Plastic Garbage free Pune Abhiyan:** 100 students and NSS P.O. Prof. P. S. Varade , Prof. Sambare actively participated in this Abhiyan. Principal Dr. Rajendra Zunjarrao and Vice Principal Prof. Shamkant Deshmukh and Prof. Sharad Chaudhari guided the volunteers about the activity. We collected the plastic garbage from Police colony and Dnyaneshwar Paduka chowk. The collected garbage was handed over to PMC unit.
- **21st February 2016- Pulse Polio:** 20 students from our unit actively supported this activity under the guidance of doctors of Police colony hospital.
- **Appointment:** Prof. P. S. Varade was appointed as NSS Area Coordinator for Shivajinagar region.

Participation :

- Prof. P. S. Varade participated in the Adarsh Gram Visit- Patoda, organized by SPPU.
- Prakash Patil, Vaishanvi Shinde, Komal Dede, Dhanashree Nalawde and Aayesha Shaikh participated in the University level Special Camp at Kondiwade, organized by SPPU.
- Prof. Mrs. N.K. Bhandare and Group of volunteers presented a Street play on Beti Bachavo at Modern Law College, Ganeshkhind.
- Tejashree Bandar participated in the SRD Parade Mumbai organized by NSS Unit and Govt. of Maharashtra.
- Mahadev Kale and Jagtap participated in the Pre- NRD /SRD Selection camp organized by SPPU and Modern College, Pune -5.
- Komal Dede, Neha Bavale, Dipa Pote, Rajshree Chavan, Janhavi Purandare and Chaitali Gaikwad participated in the Value Education Workshop (Swayam Siddha) organized by Sharadabai Pawar College, Malegon Bk.
- Komal Dede participated in the University level Special camp organized by Sangamner College.

Special Camp: December 2015

- **Inauguration of Camp-** The inauguration of camp was done by the hands of Honourable Shri. Mauli Dabhade, deputy President of Haveli Panchayat Samiti, in the presence of Dr. R. S Zunjarrao (Principal, Modern College), Vice Principal Shri. V. B. Alhat, Shri. Sunilbhai Wagaskar (Sarpanch Phulgaon) and members of Phulgaon Grampanchayat. Shri. Mauli Dabhade appreciated the 'volunteer' spirit of the

college students. He explained the role of youth in nation building. Principal Dr. R. S. Zunjarrao inspired the volunteers to do better work in the camp.

Various lectures were arranged as follows:

In the afternoon, Mr. Bhusahan of ISCON delivered a lecture on 'Students role in Nation building'. He emphasized on the duties and role of youth and appealed to think about our duties and act accordingly rather than about rights. Mr. Navnath Londhe demonstrated few things regarding superstition. The villagers and students were impressed by the demonstrations. At night a slide show on 'Mountaineering' was presented by Deepak More and his colleagues.

Prof. Mrs. Madhuri Datre delivered a lecture on 'Digital Library'. She explained all the facilities available in library of Modern College. Students asked many questions on this topic and also about 'Online library' facility. The second lecture was delivered by Prof. Vilas Kamble on Watershed management. He explained the causes of drought and how to save water. Students thoroughly understood the subject. A small drama was performed by Vasundhara group.

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.

A street play was performed 'Pimpri-Chinchwad group' on superstition.

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. Narendra Naidu delivered a lecture on 'Swami Chinmayananda's message to Youth'.

Dr. Sudhir Ujalambkar delivered in very simple language, a lecture on 'Shoonyatun Vishwa Nirmitee'. Mr. Ritesh Patil and Mr. Kaustubh Ghate guided the students on Competitive examinations.

A lecture on 'Shivaji Maharaj' was delivered by Honourable Shri. Milindbhai Ekbote. He also narrated the story of Phulgaon and nearby area during Shivaji Maharaj's era. After the lecture, cultural programme was performed by the volunteers for the residents of Phulgaon.

Students organized a cultural event at Malwadi. Solo songs, group songs, solo dances, group dances, street play and drama were performed. Ex- Sarpanch Shri. Kantaram Wagaskar and Shri. Rahul Wagaskar were present for the function. Two students gave a Dand Patta demonstration. The villagers got

impressed by the demonstration. District coordinator Prof. Shivaji Pacharane visited the camp.

- Few Students collected information regarding the socio-economic status of the villagers.
- **Cleanliness Drive :**
Our volunteers in groups cleaned the campus of Datta Guru temple, Main Bazar, Shani temple, Malwadi, Primary school campus as well as the mainroad from highway to Phulgaon.

Special Work

- 100 pits were prepared by volunteers for tree plantation.
- 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 a ground for long jump .
- Upon request of Gramsevak and Headmaster of Aanganwadi, our volunteers prepared the campus for making a lawn and garden.
- **Concluding Session :** Felicitation and feedback function was held in conclusion of the camp. Students expressed their views about the seven day experience in camp. The function was chaired by Principal Dr. R.S.Zunjarrao. Sarpanch Sunilbhau Wagaskar and other members of Grampanchayat were also present on this occasion. Prof.P.S.Varade and Prof.Nisha Bhandare Programme Officers,NSS

National Service Scheme (Junior Wing) (NOT ME BUT YOU)

Regular Activity Report

The NSS Junior wing has a sanctioned unit of 100 student volunteers. Students from all the streams i.e. Arts, Commerce and Science voluntarily participated in this scheme.

- **28th July 2015-Paddy Plantation Programme at Vinzar and Velhe:** 800 students from our college (NSS +2) and NSS P.O. Prof. P. M.Sambare, Prof. Ms.Manisha Mandhare, Mrs. Sunita Nighot, Mrs. Vaishali Aher, Mrs. Sunita Gosavi, Mrs. Kuvalekar, Mrs. Nanda Birajdar, and Mr. Chaudhari actively participated in this activity. They planted the paddy in the rains. This was really wonderful experience for the young college students. The farmers sang songs while planting and the students joined in chorus. After this Adv. Nandu Phadake, Sarpanch of Vinzar, other members of Grampanchayat, Principal of Vinzar College felicitated the group leaders and the teachers.

- **15th August 2015- Independence Day Celebration and Trek to Law College Hill:**

On this day the NSS volunteers were present for flaghoisting. Prof. Narendra Naidu spoke about 'Anandwan'. He explained the detailed functioning of Anandwan. He also emphasized on the life and mission of Baba Amte. Students were greatly inspired by his speech. He also appealed to the students to co-operate for Anandwan activities.

Later , 79 Volunteers were taken for trek to Law College Tekdi by Shri. P.M. Sambare. He made them aware of Biodiversity and its conservation.

- **28th August 2015 Raksha Bandhan at Bal gram Malavali**

45 volunteer girls accompanied by Programme Officer Shri. P.M.Sambare, Ms.Manisha Mandhare, Mrs. Sunita Nighot, Mrs. Sucheta Jadhav ,Mrs. Vaishali Aher and Mrs. Nanda Birajdar visited Bal gram, Malavali. The 'Sampare Bal gram' children tied rakhies to the girl volunteers. The girls were taken for trek to Bhaje Caves after the programme.

- **4th September 2015 - Visit to Deccan College**

78 volunteers were taken to Deccan College by Programme officer Shri. P.M.Sambare and Mrs. Sujata Gangurde. They observed the artifacts during their visit to the museum of the department of Archaeology. It was a fruitful visit.

- **5th September 2015- Teachers' Day:**

On this occasion Principal Dr. Rajendra Zunjarrao and Dr. Sudhir Ujalambakar addressed the volunteers about the importance of this day in 21st century. Dr. Ujalambkar gave a speech on the life of Dr. Sarvapalli Radhakrishnan. Volunteers felicitated the teachers and expressed their views about this day.

- **24th September 2015- NSS Day Celebration:**

On this occasion a documentary on the working of Anandwan was shown to the students. The CD contained the day to day working at Anandwan and the integration of the different works and production of different commodities. Prof. Narendra Naidu delivered a lecture on the same. He explained the efforts of Amte family and their colleagues and emphasized on the real joy one can experience Anandwan. All the staff members of department of Zoology were also present for the function.

- **2nd October 2015- Oath of Cleanliness:**

On this occasion Principal Dr. Zunjarrao gave the oath of cleanliness to all NSS volunteers and also appealed to participate in different activities related to 'Swach Bharat Abhiyan.'

- **10th October 2015- Visit to Agakhan Palace:** 60 Volunteers and 4 teachers visited Agakhan Palace. The volunteers were shown the museum in the palace. They paid homage at the Samadhi of Kasturba Gandhi and studied the history of the palace. They were made aware about Bapuji's contribution to the nation. Programme Officer Shri. P.M. Sambare, Mrs. Vaishali Aher, Mrs. Sucheta Jadhav and Mrs. Nanda Birajdar guided the volunteers.
- **12th October 2015- Clothes collection Camp:** All staff members and students supported this activity. The collected clothes were sorted and donated to different needy people in Pune city. Principal Dr. R. S. Zunjarrao guided the volunteers and also appreciated their efforts.
- **3rd December 2015-Pre-visit Special winter camp Phulgaon**
Prof. Sambare, Prof. Varade, Ms. Mandhare, Mrs. Jadhav and Prof. Wagh visited Phulgaon to meet the Village Sarpanch to fix the programmes for the Camp. The place was surveyed. Ishwarpuram. Shri. Satya Saibaba Ashram was fixed for the stay. Meeting for volunteers was organized for briefing about the camp activities. Vice Principal Prof. Alhat, Prof. Sambare, Ms. Mandhare, Mrs. Jadhav, Mrs. Aher and Prof. Wagh advised the volunteers.
- **4th December 2015- Pre winter camp meeting of the committee members**
Duties for the camp were allotted to the Committee members and the programmes were discussed. Inauguration function was planned.
- **8th December to 14th December 2015- Special winter camp at Phulgaon** was completed under the guidance of Principal, Vice Principal, Supervisor, Programme Officers and Committee members.
- **11th December 2015- Meeting of Programme Officers of Pune, Nagar and Solapur district-** Shri. P.M. Sambare was the Co-coordinator of the meeting which was held in presence of Hon. Deputy Director of Education Shri. Ramchandra Jadhav and Asst. Director of Education Hon. Shrimati. Meenakshi Raut.
- **31st December 2015 to 4th January 2016 -** Three committee members Mrs. Sunita Nighot, Mrs. Sujata Gangurde and Ms. Manisha Mandhare visited the social projects -Anandwan, Hemalkasa and Somnath.
- **15th January 2016 to 30th January 2016- Campaign for school dropout children- 'Shala bahya vidyarthi survey'**- 42 volunteers accompanied by Shri. P.M. Sambare,

Shri. Wagh, Shri. Devhade and Shri. Shrikant Kamble conducted this survey. Area covered was Pune Corporation, Shivajinagar.

- **13th February- Plastic Eradication Movement in college**

50 NSS volunteers along with Mrs. Gangurde, Prof. P.M. Sambare created awareness through slogans, songs and actual cleaning of the campus.

Shri. P.M. Sambare
Ms. Manisha Mandhare
Shri. Valmik Wagh
Mrs. Sucheta Jadhav
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. Following activities were conducted in the academic year 2015-16 :

- 1) **Inauguration** : The activities of the Planning Forum were inaugurated on 27th August 2015, by Dr. Santosh Dastane, Director, Research and Dean, Institute of Business Management and Research, MIDC, Chinchwad, Pune. The guest spoke on the NITI AYOJ.
- 2) **Essay Competition** was organized on 6th January 2016. The topic for the essay was 'Population Dividend and India'. The winners were :
 - A. 1st Prize (shared): Akshay Damdhare- S.Y. B.A. Komal Ranpise- S.Y. B.Com.
 - B. 2nd Prize :Ketan Dalvi- S.Y. B.Com.
 - C. 3rd Prize(shared): Shivanshi Mishra - S.Y. B.Com. Niekmal Yoon - S.Y. B.A.
- 3) **Group Discussion** was organized on 12th January 2016. The topics for the Group Discussion were
 - a) Public Transport in India. Present status and what needs to be done?
 - b) Black Money
 - c) Views about giving up subsidies
 - d) Role of media in education
 - e) Rising prices in India
 The prize winners were:
 - 1st prize: Akshay Damdhare- S.Y. B.A.
 - 2nd prize: Pandurang Kasbe- T.Y. B.Com. Madhura Parihar- S.Y. B.A.
 - 3rd prize (shared): Ketan Dalvi- S.Y. B.Com. Mizba Vahid Sayyed – F.Y. B.Com .
 This competition was judged by Prof. Sandhya Vartak.

- 4) **The Economic Quiz Competition** was organized on 14th Jan. 2016. The winners were :
 1st prize: Nagesh Vidhole- S.Y.B.A.
 2nd prize- Sahil Katoch- S.Y.B.Com.
 3rd prize (shared): Darshana Sherikar- F.Y.B.Com., Ketan Dalvi – S.Y.B.Com., Sayarabanu Attar- F.Y.B.Com.
- 5) **Power Point Competition** was conducted on 28th January 2016. The topic for this competition was 'My Idea about Smart City'. The winners were :
 1st Prize Pandurang Kasbe – T.Y.B.Com.
 2nd Prize(shared) Komal Ranpise – S.Y.B.Com.
 Ravindra Blise – S.Y.B.A.
 3rd Prize Akshay Dambhare- S.Y.B.A.
 Niekmal Yoon- S.Y.B.A.
 Consolation Prize – Pallavi Suryavanshi – S.Y.B.A.
 Kedar Kulkarni- S.Y.B.Com.
 The Judge for this competition was Dr. Ashok Kamble (Commerce).
- 6) **Movie Making Competition** was conducted on 4th February 2016. The topic for this competition was 'Make in India'. The winners were:
 1st Prize: Pandurang Kasbe- T.Y.B.Com.
 2nd Prize: Komal Ranpise- S.Y.B.Com.
 3rd Prize: Kiran Biradar- S.Y.B.Com.
 Consolation Prize: Shivanshi Mishra- S.Y.B.Com.
 Ganesh Kudmule- S.Y.B.Com.
 This competition was judged by Dr. Madhu Satam and Dr. S.S. Deshmukh.
- 7) **Mock Interview** was conducted on 8th February 2016. The winners of this competition were:
 1st Prize: Ketan Dalvi- S.Y.B.Com.
 2nd Prize: Niralee Bhayani - S.Y.B.Com.
 3rd Prize: Samridhhi Tiwari- S.Y.B.Com.
 Consolation Prize: Nidhi Aggarwal- F.Y.B.Com.
 Nagesh Vidhole- S.Y.B.A.
 This competition was judged by Prof. R.W. Kulkarni and Dr. Gajanan Apine.
- 8) **Valedictory Function** was held on 15th February 2016. The chief guest for the function was Dr. Megha Dubhashi, Professor, Vaikunth Nath Mehta, National Institute of Co- Operative Management, Pune-07. The guest spoke on the current scenario of the Indian economy. The above activities were encouraged by Principal. Dr. R.S. Zunjarrao, Vice-Principal Dr. Y.R. Waghmare, Vice-Principal Dr. N.J. Kulkarni and Dr. M.M. Satam, Head, Department of Economics. These activities were the results of good team work done by Prof. Ms. P.B. Mujumdar, Prof. Mrs. S.A. Vartak and Dr. S.S. Deshmukh.

- Dr. Abhay Shende
 Chairperson

Science Association

Various Science activities like Posters, Project, Seminar, Quiz, Lectures and Essay- competitions were organized in association with departments like Botany, Chemistry, Physics, Mathematics, Statistics, Microbiology, Computer science and Zoology. A remarkable number of students participated from undergraduate and post graduate science students for these competitions.

The Inaugural lecture of Science Association was given by Chairperson, Dr. S. K. Ujalambkar on 'Scientists and their contribution to the society' on 7th September, 2016. All graduate and post graduate students from science departments were present for this lecture.

On the occasion of 'Science Day', a special guest lecture by Dr. Suresh Naik, Ex-Group Director, ISRO on the topic 'Mangal Yan Expedition and Opportunities in ISRO' was organized on 29th Feb. 2016. A large number of students attended this function in the P.E.S. auditorium.

A group of F.Y.B.Sc. students attended a special Youth Conference on 'Nanotechnology' at IISER, Pune on Science Day. They were escorted by Dr. Sushama Joag, Narendra Naidu and Prof. Ravi Dabhade.

The following Activities were conducted :

A. Chemistry Quiz Competition:

Organizers: Prof. (Dr.) Manisha Nigudkar, Prof. Manisha Kashid.

• B. Chemistry Poster Competition:

Organizers: Prof. A. S. Warangule, Prof. Nilesh Tapkekar. Themes given for the posters preparations were as follows: • Drug Development • Fuel and Renewable fuel sources • Catalysis • Forensic Analysis • Natural Products • Bioremediation • Nuclear Chemistry • Explosives • Modern Analytical Techniques
Examiners : Prof. (Dr) Milind Nikalaje, Prof. N.R. Dhatrak (Department of Chemistry, SPPU)

C. Chemistry Exhibition Competition:

Organizing Committee: Prof. (Mrs) Lalita Rane, Prof. (Ms). Tejal Dolas.

D. Chemistry Essay Competition

Organizer : Prof. R. M. Jagtap

LECTURE COMPETITIONS: The PG students from M. Sc. II (Analytical Chemistry) participated in various PG Lecture competitions organized by Department of Chemistry S. P. Pune University and various colleges affiliated to S. P. Pune University. Many students won prizes in these competition at College and University level.

- Dr. S. K. Ujalambkar
 Chairperson

Soft Skills Development Workshop

On 14th December 2015, Soft Skills Development Workshop was inaugurated by Principal Dr. R. S. Zunjarrao, Vice Principal Dr. N. J. Kulkarni, Dr. Vijay Gaikwad, Prof. Rahul Jadhav, Prof. Amol Desai, Prof. Prajakata Sabane, Prof. Amol Desai and other non-teaching staff were present for the workshop.

The first session for this wonderful workshop was on 'Stress Management' by Dr. Vijay Gaikwad. Students enjoyed the Meditation and learnt how to control stress by enjoying the mindfulness. In the afternoon session Dr. Vijay Gaikwad taught the students how to use the 'Visualization technique for self development and personality development'.

On 15th December 2015 the first session was on 'Meditation' by Mr. Mayuresh Lele. The second session was on 'How to develop Corporate Personality?' by Mr. Kaivalya Gundare Patil.

On 16th December 2015 the first session was conducted by Dr. Sanjay Kaptan on 'Creativity'. In the afternoon he conducted a session on 'Goal Setting'.

On 17th December, Prof. Alka Kamble delivered a lecture on 'Communication Skills- Phonetics'.

In a workshop Prof. Shraddha Sakatkar asked the students to change their attitude towards studies. She appealed to them to change their mindsets and she taught them skills to study effectively.

Prof. Parag Shah delivered a lecture on 'Positive thinking'; he motivated the students with various examples and a slide show. He also showed a movie on creativity, and then conducted a discussion session with students.

On 18th December 2015, Prof. Parag Shah conducted the second session. This was related to 'Body Language'. It was an interactive session.

On 19th December 2015, the morning session was conducted by Dr. Ashok Kamble and his subject was 'Soft Skills and Society'. This session mainly related to the social awareness and the role of soft skills in making good citizens for the nation.

On 19th December 2015, Dr. G. Shamla delivered a lecture on 'SWOT Analysis'. She practically taught how to do SWOT Analysis.

The morning session of 21st December 2015 started with lecture of Dr. Prashant Sathe on 'Confidence building'. This was a very helpful lecture to the students.

Prof. Piyush Pahade a well known trainer in the area of Soft skills, has delivered thousands of lectures on the subject 'Seven habits'. This was a

wonderful and very good lecture. Students enjoyed this lecture with various games and actively participated in the workshop.

All students were eagerly waiting for Dr. Arun Shinde's lecture on 'Physical Fitness'. His simple and cheerful manner of conducting the lecture was very impressive. He did not force upon the audience the importance of exercise and yet all were convinced to take up exercise as a part of their daily routine. This session was conducted on 23rd December 2015.

The second session on 23rd December 2015 was on 'Graphology', conducted by Dr. Sanjivani Rahane. This session mainly related to understand the personality through the writing style of any person and also to understand ourselves.

In this era of competition, it is very important to get the job of right choice, but the main obstacle is that many graduates are not able to write the right application for the job. Keeping this in mind, we conducted a very useful, informative and practical session on 'C.V. Writing', conducted by Dr. Yashodhan Mithare on 26th December 2015.

On 28th December 2015, Dr. Vijay Gaikwad conducted a workshop on 'Public Speaking'.

The afternoon interactive session of 28th December 2015, mainly related with 'Problem Solving Technique', was conducted by Prof. Rahul Jadhav.

- Dr. Vijay Gaikwad
Chairman

Time Table Committee

I/C : Prof. S.R. Chaudhari (V.P.)

1	Prof. Kapre P.S	Advisor
2	Prof. Barmukh B.B	Chairman
3	Prof. Muttalgi B.U.	Vice Chairman
4	Prof. Mane D.S.	Coordinator
5	Prof. Hirve S.R.	Coordinator
6	Prof. Ingole R.N.	Member
7	Dr. Bhagat Sangeeta	Member
8	Prof. Ghanekar M.S.	Member
9	Prof. Gosavi S.N.	Member
10	Prof. Khokale D.L.	Member
11	Dr. Kulkarni R.W.	Member
12	Dr. Mujumdar Shilpa	Member
13	Dr. Patil N.M.	Member
14	Prof. Sakate S.S.	Member
15	Prof. Wayal N.L.	Member
16	Shri R.P. Kale	Member (office)
17	Mrs. Patwardhan Swati	Member (office)
18	Shri Gaikwad R.M.	Member (office)
19	Shri Gaikwad Mahesh	Member (office)

The Time Table Committee was constituted in the month of April 2015. Suggestions in writing from various staff members through Head of the Department were invited before 25th April 2015. Meetings were conducted to discuss various issues related to timetable of various classes.

The committee prepared new timetables with necessary changes that avoided conflicts of time-slots. The problems related to allotment of classrooms to certain classes were solved with the help of the Principal, Vice-Principals and the Registrar. The timetables were printed after necessary discussions and approval from the staff members.

Subject-wise timetables of practical sessions were also prepared and displayed. Vice-Principal Prof. S.R. Chaudhari was of great help in this aspect.

The committee successfully carried out the entire tasks related to timetable in the academic year 2015-16. Necessary hall arrangements for various activities during the academic year were made with minimum disturbance to the schedule of various classes.

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:

- The Committee includes students' representatives in addition to members of the staff.
- Information about the Committee and its functions has been spread amongst the student community.
- Anti-ragging Vigilance squad has been formed. This squad has regular rounds in the campus.
- The entire college campus is under CCTV surveillance. Students are made aware of this fact.
- This information has been included in the College Prospectus too. So even the parents are aware about these measures.
- 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. N. J. Kulkarni
Chairperson and Vice-Principal

कर्मवीर भाऊराव पाटील कमवा व शिका योजना

विद्यार्थी कल्याण मंडळ, पुणे विद्यापीठ, ह्यांच्यातर्फे दरवर्षी, विविध योजना अनेक कॉलेजमध्ये राबविण्यात येतात. त्यापैकी सर्वात महत्वाच्या दोन योजना म्हणजे 'कमवा व शिका' योजना आणि 'राष्ट्रीय सेवा योजना'.

कमवा व शिका योजनेबरोबरच विद्यार्थी कल्याण मंडळातर्फे घेण्यात येणाऱ्या इतर उपक्रमांची माहिती विद्यार्थी कल्याण अधिकारी प्रा. डॉ. शुभांगी पुराणिक यांनी सर्व विद्यार्थ्यांना वर्षाच्या प्रारंभीच सविस्तरपणे सांगितली. ह्या उपक्रमामध्ये एक हजारपेक्षा जास्त विद्यार्थ्यांचा सहभाग होता.

कॉलेजमध्ये 'कमवा व शिका' योजनेची स्वतंत्र कमिटी दरवर्षी नेमली जाते. प्राचार्य हे त्याचे अध्यक्ष असतात आणि विद्यार्थी कल्याण अधिकारी त्याचे समन्वयक असतात.

१ जुलैपासून विद्यार्थी विविध विभागात काम करीत असतात. प्रथम वर्षापासून ते पदव्युत्तर कला, शास्त्र, वाणिज्य शाखेचा कोणताही विद्यार्थी ह्या योजनेत भाग घेऊ शकतो. आपल्या विषयाचे तास, प्रात्यक्षिके करून उरलेल्या वेळेमध्ये प्रत्येकास काम करता येते. काम सलगपणे अथवा वेळ मिळेल तसे करता येते.

१) ग्रंथालय २) जिमखाना ३) स्पर्धा परीक्षा केंद्र ४) लेडीज कॉमन रूम ५) बॉटनी ६) परिसर स्वच्छता ७) राष्ट्रीय सेवा योजना ८) NCC ९) केमेस्ट्री १०) प्राणिशास्त्र ११) मानसशास्त्र १२) संगणकशास्त्र १३) बायोटेक १४) सूक्ष्मजीवशास्त्र इ. विभागात विद्यार्थ्यांनी काम केले.

'कमवा व शिका' योजनेमुळे प्रत्येक विद्यार्थी स्वयंपूर्ण, स्वयंसिद्ध बनतो. स्वतःच्या पायावर उभे राहण्याची ताकद निर्माण होते. श्रमसंस्कृतीची जाणीव निर्माण होते. दिलेले कोणतेही काम विद्यार्थी आवडीने पूर्ण करतात. याचा उपयोग त्यांना भावी आयुष्यात परिपूर्ण नागरिक बनण्यास होतो.

कॉलेजमध्ये 'कमवा व शिका' योजनेचे विद्यार्थी प्रत्येक विभागात उत्कृष्ट कार्य करीत आलेले आहेत. ही योजना यशस्वी होण्यामागे विद्यार्थ्यांचा सहभाग महत्वाचा आहेच; त्याचबरोबर समितीचे सर्व सदस्य, शिक्षकेतर कर्मचारी, इतर प्राध्यापक, सर्व उपप्राचार्य आणि सर्वात प्रमुख म्हणजे प्राचार्यांचा संपूर्ण पाठिंबा असतो.

- डॉ. शुभांगी पुराणिक
विद्यार्थी कल्याण अधिकारी

Department of Physical Education (Junior)

350 players of Junior college participated in team events as well as individual events at the inter school and various levels for the year 2015-16, organized by district sports office & Municipal Corporation.

Netball - Boys (u-19)

Netball Boys' team got 1st Place in the inter school District Under 19 Championship and the team was selected for Inter Zonal Tournament which was held at Solapur. The team secured 3rd Place. Team members were:

Shubham Yande, Praddum Palande, Prathamesh Chothe, Aniruddha Pawar, Samartha Honrao, Pranav Shelke, Adeshwar Bafna, Gaurav Nahar, Tushar Shetty, Chinmay Wadekar.

Saklen Fakeer, Arunabh Kumar (from std. XI)

Netball - Girls (u-19)

Netball girls team got 1st Place in the inter school District Under 19 Championship and the team was selected for Inter Zonal Tournament which was held at Solapur. Team members were:

Apurva Wankhede, Kirti Tomar, Urja Bhalerao, Aruneema Kumar, Pooja Ingavle, Komal Bhirud, Pranita Tawde, Aarya Jagtap, Rutuja Marale, Pranav Kamble, Anjali Kapoor (all from std XI)

Volleyball - Boys (u-19)

Volleyball Boys' team got 2nd Place in the inter school District Under 19 Championship.

Team members from Std XI were: Gawade Avishkar Suresh, Bhorade Akshay Rajendra, Gore Prashant Deelip, Ghongare Pratik Ashok, Bhutekar Vishal Agatrao, Kakade Arjun Sandeep, Nagargole Rushikesh Kisan and from Std XII were : Gaikwad Rohit Vishwanath, Shinde Samarth Jivan, Phadtare Sahil, Gore Pranav Ravindra

Softball - Boys (u-19)

Softball Boys' team got 2nd Place in the inter school District Under 19 Championship.

Team members (from Std XII) were: Jonjale Swapnil Ashok, Shinde Ajinkya Jayakar, Shinde Prashant Anil, Thite Rushikesh Sandeep, Nandedkar Shivtej Sudam, Pawar Vishal Rama, Patki Omkar Sanjay, Almale Sohesh Rajendra, Kharat Aniket Surendra, Mokule Swapnil Bhanudas. and from std. XI were : Akhade Swapnil Ashok, Mathe Tejas Dipak, Gupte Ronit Santosh, Naydu Rangaswami Shankar, Bartakke Yash Milnd.

Softball - Girls (u-19)

Softball Girls' team got 2nd Place in the inter school District Under 19 Championship

from std XI were : Chavan Neha Anil, Jagtap Aarya Hanumant, Gawte Tejashri Ganesh, Masrle Rutuja

Sunoil, Gange Aarti Vitthal, Kesare Kajal Jotiram, Kapur Anjali Kaillas, Kamble Pranav Pravin.

from std XII were : Nirmal Vaishnavi Wasudev, Jogdand Rutuja Shrikant, Mahamuni Sweta Annarao

Baseball BOYS (u-19)

Softball Boys team got 2nd Place in the inter school District Under 19 Championship

from std XII were : Jonjale Swapnil Ashok, Shinde Ajinkya Jayakar, Shinde Prashant Anil, Thite Rushikesh Sandeep, Nandedkar Shivtej Sudam, Pawar Vishal Rama, Patki Omkar Sanjay, Almale Sohesh Rajendra, Kharat Aniket Surendra, Mokule Swapnil Bhanudas.

from std XI were : Akhade Swapnil Ashok, Mathe Tejas Dipak, Gupte Ronit Santosh, Naydu Rangaswami Shankar, Bartakke Yash Milnd

Baseball girls (u-19)

from std XI were : Kamble Pranav Pravin, Chavan Neha Anil, Jagtap Aarya Hanumant, Gawte Tejashri Ganesh, Masrle Rutuja Sunoil, Gange Aarti Vitthal, Kesare Kajal Jotiram, Kapur Anjali Kaillas. from std XII were : Nirmal Vaishnavi Wasudev, Jogdand Rutuja Shrikant.

Badminton BOYS (u-19)

Badminton Boys team got 2nd Place in the inter school District Under 19 Championship

from std XI were : Omkar Salkar, Saurav Kasture from std XII were : Viraj Joshi, Raj Gorwadkar

Softball Boys

Boys played for Open State

from std XI were : Akhade Swapnil Ashok from std XII were : Jonjale Swapnil Ashok, Shinde Ajinkya Jayakar, Thite Rushikesh Sandeep, Nandedkar Shivtej Sudam, Pawar Vishal Rama, Almale Sohesh Rajendra, Kharat Aniket Surendra

INDIVIDUAL AWARDS

Mehendale Yash Shailesh of Std XII participated in National level Water polo Competition.

Singh Simranjit of Std XII got 1st place in Interscholar Squash Competition. 1st place in Inter Zonal Competition. 1st place in Interstate Competition and selected for Nationals.

Priyanka Gaikwad of Std XII got 1st place in Interscholar Karate Competition. 1st place in Inter Zonal Competition. 1st place in Interstate Competition and selected for Nationals.

Omkar Musale, Omkar Ladkat and Rushikesh Sarolkar of Std XII participated in National level Hockey Competition.

Mayuri Deshmukh Std XII participated in National level Wall Climbing Competition

Rutuja Mahendrakar of Std XII participated in State level Rifle Shooting Competition.

Juvekar Gayatri Parag of Std XI participated in State level Table tennis Competition.

Rutuja Marale of Std XI participated in State level Soft ball Competition.

Omkar Bhopale of Std XI got 1st place in Interschool Aash - te - do Competition.

Shinde Pranav Dilip of Std XII got 2nd place in Interschool Wrestling Competition.

Bahirat Sayali Ranganath of Std XI STD got 2nd place in Interschool Fencing Competition.

Patil Shivsagar Narayan of Std XI got 1st place in Interschool Silambam Competition.

Bhairavi Dinesh Tharwal of Std XI got 2nd place 400 m. Interschool Athletics Competition.

Yash More of Std XI got 2nd place 100 m. Interschool Athletics Competition.

Tejashree Gawte of Std XI got 2nd place in Interschool Karate Competition.

Omkar Bhopale of Std XI got 2nd place in Interschool Karate Competition and got 2nd place also in Interschool Chaikwondo Competition.

Amar Yadav of Std XI got 2nd place in Interschool Boxing Competition.

Kajal Kapse of Std XI got 2nd place in Interschool Chaikwondo Competition

Rushikesh Jagtap of Std XII got 3rd place in Interschool Kick boxing Competition.

Prof. D.S. Kute **Prof. S.S.Bhondave**
Teacher in Teacher in

Physical Education Physical Education

Prof. P.S. Dixit
Chairman (G.M.C)

Department of Physical Education (Senior)

Modern College of Arts, Science and Commerce achieved the prestigious “**Best Sports College**” award for the **academic year 2015-16** and the ‘**Dr. Vasantrao Nivrutti Pawar trophy**’ from the Savitribai Phule Pune University in the Annual Sports Prize Distribution function of Savitribai Phule Pune University (SPPU) at the hands of the Hon. Vice-Chancellor Dr. Wasudeo Gade.

Intercollegiate Participation

The department participated in 29 Sports i.e. Badminton, Chess, Cross Country, Shooting, Swimming, Ball Badminton, Baseball, Basketball, Cricket, Cycling, Wrestling, Kabaddi, Football, Handball, Volleyball, Hockey, Judo, Boxing, Softball, Pw Lifting, Best Physique, Athletics, Kho-Kho, Lawn Tennis, Table Tennis, Fencing, Water Polo, Kayaking and Netball Competitions. Similarly the college participated in various Invitational Intercollegiate Competitions.

This year, the college secured

- **1st Place** in Cricket(W), Handball (W), Ball Badminton(W), Hockey (M), Volleyball(M), Netball (M)
- **2nd Place** in Handball (M), Basketball(W) , Softball (M), Softball (W), Cross country(M), Ball Badminton (M), 4x400 relay(M)
- **3rd Place** in Kho-Kho (M), and, Hockey (W), Kho-Kho (W) 4x400 relay(W), Baseball(M).

Details of the participation is as follows,

No.	Level of Participation	Participation	Bronze	Silver	Gold	Medal Tally
1	District/Intercollegiate Intercollegiate (Individual)	296	51	62	70	183
		95	5	5	6	16
2	State/Inter zonal/ Ashwamedh	50	7	33	55	95
3	National	37	-	4	-	4
	Grand Total	63	104	131	298	

Sports Organization

- Intercollegiate Hockey(M/W)

Hockey (M) competition was organized on 21st & 22nd November 2015 and **Hockey(W)** competition was organized on 7th & 8 December 2015 at the Major Dhyanchand Stadium, Nehrunagar, Pimpri Chinchwad. Modern College, Shivajinagar, Pune-05 bagged the championship trophy. The tournament was inaugurated at the hands of our Principal Dr. R.S. Zunjarrao.

Men's Result:

Winning Team: Modern College of ASC, Shivajinagar, Pune-5
Runner Up: Fergusson College
3rd Place: Ness Wadia College

Women's Result:

Winning Team: Abeda Inamdar College, Pune
Runner Up: Ness Wadia College
3rd Place: Modern College of ASC, Shivajinagar, Pune-5

- Intercollegiate Handball (W)

Intercollegiate Handball (W) event was organized during on 17th August 2015. Five women teams from Pune city participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.

Result:

Winning Team: Modern College of ASC, Shivajinagar, Pune-5
Runner Up: MITSOM College
3rd Place: St. Miraj College

- Inter zonal Shooting(M/W)

Inter zonal Shooting(M/W) tournament was organized by our college on 4th and 5th December 2015 at PDRA Hadapsar. The tournament was inaugurated by Vice Principal Prof. M.D. Waghmare. Four teams from SPPU participated i.e. Pune City, Pune District, Ahmednagar and Nasik.

- **Inter zonal Cycling**

Inter zonal Cycling competition was organized by our college at Shiv Chhatrapati Stadium, Balewadi on 7th October 2015. Four teams from SPPU i.e. Pune City, Pune District, Ahmednagar and Nasik participated in the track events. Dr. Deepak Mane, Director of Sports, SPPU and Mrs. Deepali Nikam, Cycling Coach inaugurated the event.

- **Modern Harmony Best Physique competition 2015-16** : Modern Harmony 'Progressive Shree & Modern Shree' Best Physique competition was organized on 30th January 2016. Competition was inaugurated at the hands of Prof. Dr. Gajanan Ekbote, Honourable Chairman, P. E. Society.

- **Workshop on Sports Injury & Rehabilitation** : Student Welfare Department, SPPU sponsored Workshop on 'Sports Injury and Rehabilitation' was organized on 17th & 18th February 2016. The workshop was inaugurated at the hands of our alumni and President of Indian Association of Sports Medicine (IASM) Dr. Parag Sancheti.

- **Late Shankarrao Kanitkar Sports Festival 2015-16**: Late. Shankarrao Kanitkar Sports Festival was organized on 16th & 17th March 2015. Many students from the college participated in the tournament and the results were as follows: **1st Place**: Football(M), Basketball(M), Volleyball(M), Volleyball(W).

Staff members also participated and the results were as follows :

Winner: Dodgeball , Throwball (Women) and Cricket(Men)

Runner-up: Volleyball(Men)

- **Sports Scholarship**

The following National players received the Sports Scholarship this year. The Sports Scholarship was awarded by the college.

- 1 Neeta Salgar, F.Y.B.Com. - International - Judo
- 2 Swapnil Jarande, T.Y.B.Com. - National - Softball/Baseball
- 3 Supriya Borchate, T.Y.B.A - National - Shooting
- 4 Vandana Vankhede, S.Y.B.Com. - National - Handball
- 5 Akash Zambre, MMM.AII - National - Handball
- 6 Deepika Jambekar, T.Y.B.Com. - National - Cycling
- 7 Zeenal Zala, MMM.AI - National - Volleyball
- 8 Vishal Nale, S.Y.B.A. - National - Ball Badminton
- 9 Satish Patil, F.Y.B.A. - National - Hockey
- 10 Vinayak Pawar - F.Y.B.A. - National - Hockey
- 11 Pratap Shinde, F.Y.B.A. - National - Hockey
- 12 Vaibhav Bhor, S.Y.B.A. - National - Cycling
- 13 Pooja Shitole, S.Y.B.Sc. (Comp.Sc.) - National - Handball/Netball

- 14 Komal Waghule, M.Com. - National - Handball

- 15 Vishal Bhadouriya, S.Y.B.Com.-National-Shooting

- 16 Charle Pooja, F.Y.B.Com. - National - Judo

- 17 Vaishnavi Joshi, S.Y.B.Com. - National - Judo

- 18 Kanchan Tikamkar, M.A.-I - National - Weight Lifting

- 19 Mayuri Suke, M.A.-I - National - Weight Lifting

- 20 Bongane Ninad, F.Y.B.Com.-National- Volleyball

- 21 Lonkar Sayali, T.Y.B.Com. - National - Cricket

- 22 Rupali Tripathi, S.Y.B.Sc. - National - Basketball

- 23 Suprabha Pujari, F.Y.B.A.-National-Lawn Tennis

- 24 Shamrao Daundkar, M.AI - National - Athletics

- 25 Tejashi Kadam, T.Y.B.Com. - National - Cricket

- 26 Viraj Dhokale, S.Y.BCS - National - Swimming

- 27 Meenakshi Shinde, F.Y.BCA - State - Fencing

- 28 Tejal Sonawane, S.Y.B.A. - National - Wrestling

- 29 Pawar Pallavi, S.Y.B.Com. - State - Hockey

- 30 Dnyaneshwari Gandekar, S.Y.B.Sc. (Comp.Sc.) - State - Netball

- 31 Lonari Neha, S.Y.B.Sc. (Comp.Sc.) - State - Netball

- 32 Vidhate Suraj, F.Y.B.A. - State - Boxing

- 33 Aniket Taru, F.Y.B.Com. - State - Netball

- 34 Aniket Mane, F.Y.B.Com. - State - Netball

Annual Prize Distribution "Gymkhana Day"

Annual Prize distribution i.e. "Gymkhana Day" was celebrated on 19th March 2016. Shri. Umesh Zirpe, Everst-Veer, Shiv Chatrapati Award winner and the college Alumni was invited as Chief Guest. Dr. Gajanan Ekbote, Chairman, P. E. Society, presided over the function. Prof. Shamkant Deshmukh, Secretary, P. E. Society, Prof. Jyotsna Ekbote, Joint Secretary, P. E. Society, were present as Guests of honor.

The following students received the prizes:

National and University Level Performance:

- Viraj Dhokale, SYBCS
Swimming - All India Inter University - Silver medal
All India Inter University - Silver medal
Inter Zonal - Nashik - 2 Gold
Inter Collegiate - S P College - 2 Gold
- Waghule Komal Narayan, M.COM
Handball - National - Participate
Inter Zonal - Junner - Gold medal
Inter Collegiate - Modern College - Gold medal
- Shamrao Daundkar, M.A.1 ENGLISH
Athletics - All India Inter University - Patiala (Punjab) - Participate
Ashwamedh-4 X 400 Mtr - Nanded - Silver medal
Ashwamedh-800 Mtr. - Nanded - Bronze medal
Kho Kho - Inter Collegiate-S.P.College - Bronze medal
Athletics - National - Bangalore - Participate
- Rupali Tripathi, S.Y.BSC
Basketball - Inter Zonal - Chakan - Gold medal
National - Mysore,Bangalore - Participate
State - Kolhapur - Gold medal

Sports - Winner Teams

Inter-collegiate
Ball Badminton
(Women) :
1st place
Winner Team



Inter-collegiate
Cricket
(Women) :
1st place
Winner Team



Inter-collegiate
Handball
(Women) :
1st place
Winner Team



Inter-collegiate
Hockey
(Men) :
1st place
Winner Team



Sports - Winner Teams

Inter-collegiate
Netball
(Men) :
1st place
Winner Team



Inter-collegiate
Volleyball
(Men) :
1st place
Winner Team

Inter-collegiate
Ball Badminton (Men) :
2nd place
Winner Team



Inter-collegiate
Basketball (Women) :
2nd place
Winner Team

Sports - Winner Teams

Inter-collegiate
Cross-country
(Men) :
2nd place
Winner Team



Inter-collegiate
Handball (Men) :
2nd place
Winner Team

Inter-collegiate
Handball (Men) :
2nd place
Winner Team



Inter-collegiate
Baseball
(Men) :
3rd place
Winner Team

Sports - Winner Teams

Inter-collegiate
Hockey (Women) :
3rd place
Winner Team



Inter-collegiate
Kho-Kho
(Men) :
3rd place
Winner Team

Inter-collegiate
Kho-kho
(Women) :
3rd-place
winner Team



Inter-collegiate
Netball
(Girls) :
Winner Team

Sports - Winner Teams

Inter-collegiate
Netball
(Boys) :
Winner Team



Inter-collegiate
Softball and
Baseball
(Girls) :
Runner up

Inter-collegiate
Softball and
Baseball
(Boys) :
Runner up



Inter-collegiate
Volleyball
(Boys) :
Runner up

Sports - Senior College

National and All India University Level Players



Viraj Dhokale
S.Y.B.C.S.
Swimming



Waghule Komal
M.Com.
Handball



Shamrao Daundkar
M.A. I - English
Athletics, Kho kho



Rupali Tripathi
S.Y.B.Sc.
Basketball



Pratap Shinde
F.Y.B.A.
Hockey



Satish Patil
F.Y.B.A.
Hockey



Vinayak Pawar
F.Y.B.A.
Hockey



Shivratna Rasal
F.Y.B.A.
Hockey



Abhishek Swamy
F.Y.B.Com.
Hockey



Ninad Bongane
F.Y.B.Com.
Volleyball



Zeenal Zala
F.Y.B.Com.
Volleyball



Kanchan Tikamkar
M.A.I Economics
Weight lifting



Mayuri Suke
M.A.I Economics
Weight lifting



Tejal Sonawane
S.Y.B.A.
Athletics, Relay, Handball,
Kho-kho, Wrestling



Suprabha Pujari
F.Y.B.A.
Lawn Tennis
Volleyball



Charles Pooja
F.Y.B.Com.
Judo, Hockey



Neeta Salgar
F.Y.B.Com.
Judo, Hockey



Vaishnavi Joshi
S.Y.B.Com.
Judo, Hockey



Sayali Lonkar
S.Y.B.Sc.
Cricket, Softball, Baseball

Sports - Senior College

National and All India University Level Players



Tejashri Kadam
T.Y.B.Com.
Cricket, Softball



Minakshi Shinde
F.Y.B.C.A.
Fencing



Suraj Vidhate
F.Y.B.A.
Boxing



Vaibhav Bhor
F.Y.B.A.
Cycling, Ball Badminton



Deepika Jambukar
M.Com. I
Cycling



Vaibhav Chendake
F.Y.B.A.
Netball, Handball



Swapnil Jarande
T.Y.B.Com.
Netball, Baseball, Softball



Dynaneshwari Gandekar
S.Y.B.Sc.
Netball, Handball



Neha Lonari
S.Y.B.Sc.
Netball



Pooja Shitole
S.Y.B.Sc.
Netball, Basketball,
Handball



Trivenee Londhe
T.Y.B.Sc.
Netball



Supriya Borchate
T.Y.B.A.
Air Rifle



Pallavi Pawar
S.Y.B.Com.
Hockey



Vishal Nale
S.Y.B.A.
Ball Badminton,
Handball



Aditya Jadhav
F.Y.B.Com.
Silambam (Martial Arts)



Amey Gayal
S.Y.B.Com.
Swimming



Shreeyash Mohite
F.Y.B.Sc.
Swimming



Vishal Bhadouriya
S.Y.B.Com.
Shooting

Sports - Junior College

State and National Level Players



Yash Mehandale (XII)
Waterpolo - National



Simranjit Singh (XII)
Squash - National



Priyanka Gaikwad (XII)
Karate - National



Omkar Musale (XII)
Hockey - National



Rushikesh Sarolar
Hockey - National



Mayuri Deshmukh (XII)
Wall Climbing - National



Rutuja Mahendrakar (XII)
Rifle Shooting - National



Gayatri Juvekar (XII)
Rifle Shooting - National



Rutuja Marale (XII)
Softball - State



Yash More (XII)
Athletics - State



Swapnil Jonjale (XII)
Softball - State



Ajinkya Shinde (XII)
Softball - State



Rushikesh Thite (XII)
Softball - State



Shivtej Nandedkar (XII)
Softball - State



Vishal Pawar (XII)
Softball - State



Swapnil Akhade (XII)
Softball - State



Sohesh Almale (XII)
Softball - State



Aniket Kharat (XII)
Softball - State



Saklen Fakeer (XII)
Netball - State



'Progressive Shree' - Prathamesh Gupte, Y.C. Law College



'Modern Shree' - Mangesh Manoharan, T.Y.BBA

- Pratap Shinde, F.Y.B.A.
Hockey-All India Inter University-Delhi-Participate
West Zone - Udaipur - Bronze medal
Inter Collegiate-Dhyanchand Stadium - Gold medal
- Satish Patil, F.Y.B.A.
Hockey-All India Inter University-Delhi-Participate
West Zone - Udaipur - Bronze medal
Inter Collegiate-Dhyanchand stadium-Gold medal
- Vinayak Pawar, F.Y.B.A.
Hockey-All India Inter University-Delhi-Participate
West Zone - Udaipur - Bronze medal
Inter Collegiate - Dhyanchand stadium - Gold medal
- Shivratna Rasal, F.Y.B.A.
Hockey-All India Inter University-Delhi-Participate
West Zone - Udaipur - Bronze medal
Inter Collegiate - Dhyanchand stadium - Gold medal
- Abhishek Swamy, F.Y.B.COM Hockey - Inter
Zonal - Balewadi - Gold medal
National - Mysore, Karnataka - Participate
Inter Collegiate - Dhyanchand stadium - Gold medal
- Bongane Ninad, F.Y.B.COM
Volleyball-All India Inter University-Bhopal-Participate
National - Bihar - Participate
State Sr. - Saswad - Bronze medal
Inter Zonal - Nagar - Participate
Inter Collegiate - Deccan - Gold medal
- Zeenal Zala, F.Y.B.COM
Volleyball - Inter Zonal - A.nagar - Gold medal
State - Saswad - Silver medal
Youth National - Nagpur - Participate
- Kanchan Tikamkar, M.A-1 ECO
Weight Lifting - All India Inter University -
Guntur (AP) - Participate
Inter Zone - A.nagar - Gold medal
Senior State - Mumbai - Silver medal
- Mayuri Suke, M.A-1, ECO
Weight Lifting - All India Inter University -
Guntur (AP) - Participate
Senior - National - Patiala (Punjab) - Participate
Inter Zone - A.nagar - Gold medal
Senior State - Kalyam - Gold medal
- Tejal Sonawane, S.Y.B.A.
Athletics Relay - Inter Collegiate - Sanas ground -
Silver medal
Handball-Inter Collegiate-Modern college-Gold medal
Kho Kho - Inter Collegiate - Bronze medal
Athletics, Relay - Inter Collegiate - Bronze medal
Wrestling - National Jr. - Delhi - Participate
Wrestling - National Sr. - U.P. - Participate
- Suprabha Pujari, F.Y.B.A.
Lawn Tennis - All India Inter University - Orissa
- Participate
Volleyball-Inter Collegiate-Cummins college-Participate
Lawn Tennis - West Zone - Rajasthan - Silver medal
- Charle Pooja, F.Y.B.COM
Judo - All India Inter University - Kiit uni, Orissa
- Participate
Hockey-Intercollegiate-Dhyanchand stadium- Bronze
Judo - National - Gujarat - Participate
- Neeta Salgar, F.Y.B.COM.
Judo - All India Inter University - Kiit
University, Orissa - Participate
Hockey - Inter Collegiate - Dhyanchand stadium
- Bronze medal
Judo - Inter Zonal - ASC College, Sinner - Gold medal
- Vaishnavi Joshi, S.Y.B.COM
Judo - All India Inter University - Kiit Uni, Orissa
- Participate
Hockey - Inter Collegiate - Dhyanchand stadium
- Bronze medal
Judo - Junior National - Gujarat - Participate
- Lonkar Sayali, S.Y.B.Sc.
Cricket - All India Inter University - Mumbai -
Participate
Softball-All India Inter University-Punjab-Participate
Cricket - Inter Collegiate - SP College - Gold medal
Baseball - Inter Zonal - Yeola - Participate
Softball - Inter Collegiate - HV Desai - Silver medal
Cricket - Inter Zonal - PVP College - Silver medal
- Tejashri Kadam, T.Y.B.COM
Cricket-All India Inter University-Mumbai- Participate
Softball - Inter Collegiate - S.P.College - Silver medal
Cricket - Inter Zonal - PVP College - Silver medal
Cricket - Inter Collegiate - SP College - Gold medal
- Minakshi Shinde, F.Y.BCA
Fencing - National - Punjab - Participate
State - Solapur - Bronze medal
State - Nasik - Bronze medal
- Vidhate Suraj Eknath, F.Y.BA Boxing - All India
Inter University-Kurukshetra, Haryana- Participate
State - Pune - Gold medal
Inter Zonal - MIT Loni - Gold medal
Inter Collegiate - MIT Loni - Gold medal
- Vaibhav Sarjerao Bhor, F.Y.BA
Cycling - All India Inter University - Patiala
(Punjab) - Participate
Federation National - Kerala - Participate
Inter Zonal Road - Nagar - Participate
Inter Zonal Track - Modern College - Participate
Ball Badminton - Inter Collegiate - Pune - Silver medal
- Deepika Jambukar, M.COM 1 Cycling - All India
Inter University - Punjab University - Participate
Inter Zonal - Nagar - Participate
- Chendake Vaibhav, F.Y.B.A.
Netball-All India Inter University-Chandigadh-
Participate
Handball-Inter Collegiate-Agashe College-Bronze medal
Netball - Inter Zonal - Dehane, Khed - Silver medal
- Swapnil Jarande, T.Y.B.COM
Netball - All India Inter University - Patiyala
Baseball - Inter Zonal - Baramati - Participate
Softball - All India Inter University - Jalandhar -
Participate

- **Gandekar Dnayaneshwari, S.Y.B.Sc.**
Netball - All India Inter University - Chandigarh, Punjab - Participate
Handball - Inter Zonal - SSC College, Junnar - Gold medal
Netball - Inter Zonal - Chakan - Gold medal
 - **Lonari Neha, S.Y.B.Sc.**
Netball - All India Inter University - Chandigarh, Punjab - Participate
Inter Zonal - Chakan - Gold medal
 - **Pooja Shitole, S.Y.B.C.S.**
Netball - All India Inter University - Participate
Basketball - Inter Collegiate - BMCC - Silver medal
Handball - Inter Zonal - Junnar - Gold medal
 - **Trivenee Londhe, T.Y.B.SC**
Netball - All India Inter University - Participate
Inter Zonal - Chakan - Gold medal
State - Vardha - Gold medal
 - **Supriya Borchate, T.Y.B.A.**
Air Rifle - 59th National - Delhi - Participate
All India Shooting Chamoionship - Varanasi - 4th
Kss Shooting Championship - Kerala - Participate
 - **Pawar Pallavi, S.Y.B.COM**
Hockey - National - Lukhnow - Bronze medal
National - Guwahati - Participate
 - **Vishal Nale, S.Y.B.A.**
Ball Badminton - All India Inter University - Manglore University - Participate
Jr. National - Chhattisgarh - Participate
Inter Collegiate - Shahu College - Silver medal
Handball - Inter Collegiate - Agashe College, Pune - Bronze medal
 - **Aditya Jadhav, F.Y.B.COM**
Silambam (Marshal Arts) - National - Tamil Nadu - Silver medal
State - Navi Mumbai - Bronze medal
 - **Amey Gayal, S.Y.B.COM**
Swimming - National - Hyderabad - Silver medal
SeaSwimming(6km) - Colaba, Mumbai - Bronzemedal
 - **Mohite Shreecyash, F.Y.B.SC**
Swimming - All India Open Sea Swimming Comp Colaba, Mumbai - Participate
State - Balewadi - Participate
Swimmathon - National - Goa - Participate
- Zonal / State**
- **Akash Zambre, M.A.2 ECO**
Handball - Inter Zonal - Nashik - Gold medal
Handball - Inter Collegiate - Cacpe - Silver medal
Ball Badminton - Inter Collegiate
Shahu College Pune - Silver medal
 - **Amar Jadhav, S.Y.B.A.**
Kho Kho - Inter Zonal - Nagar - Gold medal
Inter Collegiate - SP College - Bronze medal
 - **Amey Kalambe, F.Y.BBA**
Cross Country - Inter Collegiate - Shahu college - Silver medal
Boxing - Inter Collegiate - Mit Loni - Silver medal
Boxing - Interzonal - Mit Loni - Silver medal
 - **Amruta Tribhuvan, F.Y.B.SC**
Ball Badminton - Inter Collegiate - Siddhivinayak College - Bronze medal
Inter Zonal - Siddhivinayak College - Bronze medal
 - **Aniket Taru, F.Y.B.COM**
Netball-Inter Zonal-Dehane College, Khed-Silver medal
Inter Collegiate - AGC - Gold medal
 - **Awate Poonam, MSC MATHS**
Kabaddi - Inter Zonal - Malegoan - Silver medal
 - **Bajrang Dhere, T.Y.BCS**
Baseball - Inter Zonal - Baramati
Bronze medal
Softball - Inter Zonal - Lasalgoan - Gold medal
Baseball - Inter Collegiate - SP College - Bronze medal
Softball - Inter Collegiate - SP College - Silver medal
 - **Baraswade Manisha, T.Y.B.COM**
Atheletics-100 & 200 Mtr - Inter Collegiate - Sanas ground - Bronze medal
Kho Kho - Inter Zonal - Shrirampur - Gold medal
 - **Dhiraj Gaikwad, F.Y.B.A.**
Volleyball - Inter Zonal - Akole - Participate
State - Bhilawadi - Participate
Inter Collegiate - Deccan - Gold medal
 - **Dhumal Shubhangi, F.Y.B.COM**
Cricket - Inter Collegiate - S.P.College - Gold medal
Baseball - Inter Zonal - Indapur - Silver medal
Softball - Inter Zonal - Yeola, Nasik - Bronze medal
Softball - State - Bhoisar - Participate
 - **Dumbre Prajakta, F.Y.B.COM**
Baseball - Inter Collegiate - S.P.College - Silver medal
Cricket - Inter Zonal - PVP College, Pravaranagar - Silver medal
Softball - Inter Zonal - Yeola - Bronze medal
 - **Gunawant Bhavana, F.Y.B.A.**
Cricket - Inter Collegiate - S.P.College - Gold medal
Softball - Inter Collegiate - S.P.College - Silver medal
Baseball - Inter Zone - Indapur - Silver medal
 - **Gunjal Aniket, T.Y.BSC - Baseball**
Intercollegiate - S.P.College - Bronze medal
Softball - Interzonal - Lasalgoan - Gold medal
Softball - Inter Collegiate - SP College - Silver medal
 - **Gurav Sanket, S.Y.B.COM**
Netball - Inter Collegiate - Garware College - Gold medal
Netball - Inter Zone - Dehane College - Silver medal
 - **Harugude Harshad Hindurao, S.Y.BA**
Handball - Inter Zonal - Amrutwahini college, A.Nagar - Gold medal
Inter Collegiate - CACPE - Silver medal
 - **Hrishikesh Bhagat, S.Y.BCOM**
Ball Badminton - Inter Zonal - Devala, Nasik - Gold medal
Inter Collegiate - Shahu College - Silver medal
 - **Jadhav Shraddha, S.Y.BOM**
Kho Kho - Inter Zonal - Shrirampur, Nagar - Gold medal
 - **Jagtap Rupali, F.Y.B.A.**
Baseball - Inter Zonal - Indapur - Silver medal
Softball - Intercollegiate - S.P.College - Silver medal

- Jathar Sagar, T.Y.BSC
Baseball - Inter Zonal - Baramati - Bronze medal
Softball - Inter Zonal - Lasalgoan - Gold medal
Baseball - Intercollegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - SP College - Silver medal
- Kadam Apurva, F.Y.B.COM
Baseball - Inter Collegiate - S.P.College - Silver medal
Softball - Inter Collegiate - S.P.College - Silver medal
Softball - State - Bhoisar - Participate
- Kiran Shirsath, T.Y.B.COM.
Hockey - Inter Zonal - Abeda Inamdar College - Bronze medal
Inter Collegiate - Dhyanchand stadium - Bronze medal
- Komal Wabae, S.Y.B.SC
Cricket - Inter Zonal - PVP College, Pravaranagar - Silver medal
Inter Collegiate - S.P.College - Gold medal
- Kumar Pardeep Bijender, T.Y B.COM
Athletics - Inter Collegiate - Sanas ground - Participate
Cross Country-Inter Zonal-Ghodegoan- Participate
- Kute Rutuja - S.Y.B.COM
Ball Badminton - Inter Collegiate - Siddhivinayak College - Gold medal
Ball Badminton - Inter Zonal - Siddhivinayak College - Participate
- Mahadik Sattyam Ramesh, F.Y BSC
Ball Badminton - Inter Collegiate - Shahu Mahavidyalaya - Silver medal
Handball - Inter Zonal - Amrutwahini College, A.Nagar - Gold medal
Handball - Inter Collegiate - CACPE - Silver medal
Ball Badminton - Inter Collegiate - Shahu College - Silver medal
- Mangesh Khandagale, F.Y.B.A
Fencing - Inter Zonal - AGC - Participate
Judo - Inter Zonal - A.S.C. College - Participate
- Manoj Khamkar, F.Y.B.A.
Baseball - Inter Collegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - S.P.College - Silver medal
Netball - Inter Zonal - Dehane, Khed - Silver medal
- Mate Harshada, F.Y.B.A.
Cricket - Inter Collegiate - S.P. College - Gold medal
Baseball - Inter Zonal - Indapur - Silver medal
Softball - Inter Zonal - Yeola - Bronze medal
- Meenal Shukla, T.Y.BSC
Hockey - Inter Zonal - Abeda Inamdar College - Silver medal
Inter Collegiate - Dhyanchand stadium - Bronze medal
- Mehendale Ashwin
Basket Ball - Inter Zonal - Chakan - Gold medal
- Murkute Baban, F.Y.B.SC
Ball Badminton - Inter Collegiate - Hadapsar - Silver medal
Netball - Inter Zonal - Dehane college, Khed - Silver medal
Inter Collegiate - AGC - Gold medal
- Natu Monali, F.Y.B.A.
Baseball - Inter Zonal - Indapur - Silver medal
Cricket - Inter Zonal - Prawaranagar - Silver medal
Softball - Inter Zonal - Yeola - Bronze medal
Cricket - Inter Collegiate - SP College - Gold medal
Softball - Inter Collegiate - H.V. Desai - Silver medal
- Neeraja Mehendale, F.Y.B.A.
Volleyball - State - Bhandara - Gold medal
- Palve Sonali Kailas, S.Y B.COM
Handball - Inter Zonal - SSC College, Junnar
Inter Collegiate - Modern college - Gold medal
- Panse Kalyani, S.Y.BCOM
Cricket - Inter Collegiate - S.P.College - Gold medal
Softball - Inter Collegiate - S.P.college - Silver medal
Baseball - Inter Zonal - Indapur - Silver medal
Softball - State - Palghar - Participate
- Pathan Wasim Khan, M.A.ENGLISH
Best Physique - Inter Zonal - Shrirampur, A.nagar - Silver medal
- Pawar Shweta, T.Y.B.A.
Athletics 5000m - Inter Zonal - Sanas ground - Bronze medal
Inter Collegiate - Sanas ground - Silver medal
- Rahul Rasola, F.Y.B.COM
Hockey - Inter Zonal - Balewadi, Pune - Gold medal
State - Usmanabad - Silver medal
Inter Collegiate - Dhyanchand stadium - Gold medal
- Salvekar Shraddha, S.Y.B.SC
Cricket - Inter Zonal - Paravaranagar - Silver medal
Inter Collegiate - S.P.college - Gold medal
- Sayali Jagtap, F.Y.B.A.
Kho-Kho - Inter Zonal - Shrirampur - Gold medal
Inter Collegiate - Siddhivinayak College - Bronze medal
- Sharma Deepti Santosh, S.Y BSC
Handball - Inter Zonal - SSC College, Junnar - Gold medal
Inter Collegiate - Modern College - Gold medal
- Shubham Parit, F.Y.B.A.
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
Hockey - Inter Zonal - Balewadi, Pune - Gold medal
- Sumit Rajendra Bhandari, TYBBA
Football - Inter Zonal - A.nagar - Participate
- Survase Saurabh Sanjay, FY BA
Volleyball - Inter Zonal - A.nagar - Participate
Inter Collegiate - Deccan - Gold medal
- Tamboli Saniya, S.Y.B.COM
Boxing - Inter Collegiate - Loni kalbhor, MIT Gurukul - Participate
Handball - Inter Collegiate - Modern college - Gold medal
Boxing - Interzonal - MIT Loni - Participate
- Vaidehi Dixit, S.Y.B.COM
Ball Badminton - Inter Zonal - Siddhivinayak College - Bronze medal
State - Akola - Participate
Inter Collegiate - Siddhivinayak College - Gold medal

- Waghole Dashrath Madhav, MAII ECO
Volleyball - Inter Zonal - A.nagar - Participate
Inter Collegiate - Deccan - Gold medal
 - Wakhare Shrutika, S.Y.B.A.
Cricket - Inter Collegiate - S.P.College - Gold medal
Softball - Inter Collegiate - S.P.College - Silver medal
Baseball - Inter Zonal - Indapur - Silver medal
 - Wankhade Vandana Ramesh, S.Y.B.COM
Basketball - Inter Collegiate - BMCC - Silver medal
Handball - Inter Zonal - Junnar - Gold medal
Inter Collegiate - Modern college - Gold medal
Netball - Inter Zonal - Chakan - Gold medal
 - Yogita Salve, F.Y.BCA
Ball Badminton - Inter Zonal - Siddhivinayak College - Participate
Inter Collegiate - Siddhivinayak College - Gold medal
 - Yugandhara Dakhole, F.Y.B.CS
Ball Badminton - Inter Zonal - Siddhivinayak College - Participate
Inter Collegiate - Siddhivinayak College - Gold medal
- Inter collegiate / District level**
- Akshay Walmiki, T.Y.B.COM
Ball Badminton - Inter Collegiate - Shahu College - Silver medal
Best Physique - Inter Collegiate - Abasaheb Garware College - Bronze medal
 - Ambre Akshaya, S.Y.BCA
Athletics - Inter Collegiate - Sanasground - Bronzemedal
Handball - Inter Collegiate - Modern College - Gold medal
 - Amol Shinde, F.Y.B.SC
Cross Country - Inter Collegiate - Shahu College - Runner Up
 - Amruta Sharma, T.Y.B.COM
Ball Badminton - Inter Collegiate - Siddhivinayak College - Gold medal
 - Anju Yadav, T.Y.B.SC
Basketball - Inter Collegiate - BMCC - Silver medal
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
 - Ashish Udeg, F.Y.B.COM
Baseball - Inter Collegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - S.P. College - Silver medal
 - Ashlesha Nimbalkar, T.Y.B.SC
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
 - Bawane Dhiraj
Handball - Inter Collegiate - Agashe College - Silver medal
 - Bhavana Didmuthe, F.Y.B.SC
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
 - Bhope Aarti, S.Y.B.SC
Basketball - Inter Collegiate - BMCC - Silver medal
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
 - Bhosale Harshal
Handball - Inter Collegiate - Agashe College - Silver medal
 - Borhade Himani, F.Y.B.COM
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
 - Chavan Shubham
Cross Country - Inter Collegiate - Shahu College - Runner Up
 - Gaurav Karke, F.Y.B.A.
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
 - Ganmote Dnyanesh, FYBSC
Softball - Inter Collegiate - S.P.College - Silver medal
Baseball - Intercollegiate - S.P. College - Bronze medal
 - Gauri Nimbalkar, S.Y.B.COM Volleyball - State - Bhandara - Gold medal
 - Gupta Nitesh, F.Y.B.COM
Ball Badminton - Inter Collegiate - Shahu College - Silver medal
 - Inamdar Dhiraj, T.Y.B.COM
Athletics - Inter Collegiate - Sanas ground - Silver medal
Kho Kho - Inter Collegiate - S.P.College - Bronzemedal
 - Isha Phadke, F.Y.B.A
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
Softball - Inter Collegiate - S.P.College - Silver medal
 - Jadhav Pravin, T.Y.BCS
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
 - Jain Dhruvika
Handball - Inter Collegiate - Modern College - Silver medal
 - Kakade Omkar, F.Y.B.A. - Ball Badminton - Inter Collegiate - Shahu College - Silver medal
Handball - Inter Collegiate - Agashe College - Silver medal
 - Kamble Hrishikesh, MAI
Volleyball - Inter Collegiate - Deccan Gymkhana - Gold medal
 - Kamble Vijay
Cross Country - Inter Collegiate - Shahu College - Runner Up
 - Kapase Shubham, FYBA
Volleyball - Inter Collegiate - Deccan Gymkhana - Gold medal
 - Kasbe Prajwal
Handball - Inter Collegiate - Agashe College - Silver medal
 - Kasbe Rahul, FYBA
Volleyball - Inter Collegiate - Deccan Gymkhana - Gold medal
 - Khalse Krushnakant
Kho Kho - Inter Collegiate - S.P.College - Gold medal
 - Khan Yusuf - FYBA - Hockey - Inter Collegiate Dhyanchand stadium - Gold medal
 - Khutwad Himanshu
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
 - Komal Gadkar, T.Y.B.SC
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal

- Mayur Deshpande, S.Y.B.A.
Kho Kho-Inter Collegiate-S.P.College-Bronze medal
- Moynak Rishikesh, S.Y.B.SC
Baseball - Inter Collegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - S.P.College - Silver medal
- Nagwad Vivek, FYBCOM
Netball - Inter Collegiate - Garware College - Gold medal
- Neha Pawar, T.Y.B.SC
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Nilesh Pawar, FYBSC
Athletic - Inter Collegiate - Sanas ground - Gold medal
- Patel Kishor, FYBA
Volleyball - Inter Collegiate - Deccan Gymkhana - Silver medal
- Patil Apurva, S.Y.B.COM
Baseball - Inter Collegiate - S.P.College - Silver medal
Softball - Inter Collegiate - S.P.College - Silver medal
- Pawar Rushikesh
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
- Pradnya Sonawane, T.Y.B.COM
Cricket - Inter Zonal - PVP College, Pravaranagar - Silver medal
- Pulel Rushi
Hockey - Inter Collegiate - Dhyanchand stadium - Silver medal
- Rakesh Rengde, F.Y.B.COM
Netball - Inter Collegiate - Garware College - Gold medal
- Ravi Manmode, S.Y.B.SC
Baseball - Inter Collegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - S.P.College - Silver medal
- Ropal Rohan, MA I
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
- Rupesh Alor, F.Y.B.A.
Baseball - Inter Collegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - S.P.College - Silver medal
- Rushikesh Nikam, T.Y.B.COM Volleyball - Inter Collegiate - MIT College - Gold medal
- Rushikesh Sali, F.Y.B.COM
Cross Country - Inter Collegiate - Shahu College - Runner Up
- Saddam Khanbhai, T.Y.B.COM
Netball - Inter Collegiate - Garware College - Gold medal
- Sadikot Idrish, F.Y.BSC
Handball - Inter Collegiate - Agashe College - Bronze medal
- Sakore Gayatri, S.Y.B.A.
Cricket - Inter Collegiate - S.P.College - Gold medal
- Sapkal Abhijeet, M.SC.2
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
- Sarde Nikhil
Handball - Inter Collegiate - Agashe College - Silver medal
- Sharma Poonam - Netball - Inter Collegiate - Kothrud - Gold medal
- Shelke Swapnil, F.Y.B.SC
Cross Country - Inter Collegiate - Shahu College - Runner Up
- Shinde Roma, F.Y.B.COM
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
- Shingane Hrushikesh
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
- Shirke Omkar
Baseball - Intercollegiate - S.P.College - Bronze medal
- Shirsat Akshay, S.Y.B.SC
Baseball - Inter Collegiate - S.P.College - Bronze medal
Softball - Inter Collegiate - S.P.College - Silver medal
- Shubham Ghadge, T.Y.B.COM
400 Mts.-Inter Collegiate-Sanas ground-Bronze medal
Athletics (Relay) - Inter Collegiate - Sanas ground - Silver medal
Ball Badminton - Inter Collegiate - Hadapsar - Silver medal
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
- Sinduta K. P., T.Y.B.SC
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Snehal Palkar, T.Y.B.C.A.
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Sonawane Kunal
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
- Sontakke Abhijeet, F.Y.B.SC
Volleyball - Inter Collegiate - Deccan Gymkhana - Gold medal
- Sudha Kanhurkar, T.Y.B.SC
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Supriya Arenavaru
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Swamy Sumit
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
- Tharkude Keshav
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
- Thombre Sourabh
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Thorat Omkar
Softball - Inter Collegiate - S.P.College - Silver medal
- Tilekar Amit, S.Y.B.SC
Cross Country - Inter Collegiate - Shahu College - Runner Up
- Tomar Pooja, F.Y.B.SC
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
- Vrushali Gawari, F.Y.B.SC
Basketball - Inter Collegiate - BMCC - Silver medal

- Vrushali Gorkhe, F.Y.B.COM
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal
- Waghmare Shrushti
Cricket - Inter Collegiate - S.P.College - Gold medal
- Walunj Shubham, S.Y.B.COM Baseball - Inter Collegiate - S.P.College - Bronze medal
- Softball - Inter Collegiate - S.P.College - Silver medal
- Zarekar Pranay, M.COM 1
Kho Kho - Inter Collegiate - S.P.College - Bronze medal
- Admane Samruddhi
Basketball - Inter Collegiate - BMCC - Silver medal
- Aniket Mane, F.Y.B.A.
Netball - Inter Collegiate - Garware College - Gold medal
- Deshmukh Chetan
Hockey - Inter Collegiate - Dhyanchand stadium - Gold medal
- Manta Chejara, T.Y.B.SC
Hockey - Inter Collegiate - Dhyanchand stadium - Bronze medal
- Varsha Dabhade, F.Y.B.COM
Kho Kho - Inter Collegiate - Siddhivinayak College - Bronze medal

Interclass Competitions : Interclass competitions for the promotion of certain games and also for entertainment purposes were organized from 12th to 16th January 2016. Football, Basketball, Volleyball, Badminton, Table Tennis and Chess were the events organized during this period.

Team Event Performance

Basketball

Winner Team (MEN) **Runner up :12th (J)**
- T.Y.B.COM(A)

- | | |
|--------------------|-----------------------|
| 1. Saddam Khanbhai | 1. Samarth Honrao |
| 2. Akshay Takalkar | 2. Gaurav Nahar |
| 3. Akshay Mehete | 3. Aniruddh Pawar |
| 4. Omkar More | 4. Chinmay Kshirsagar |
| 5. Nikhil Jog | 5. Yash Kataria |
| 6. Nilesh Mane | 6. Darshan Gosavi |

Volleyball :

- | | |
|---|--|
| Winner Team (MEN)
- F.Y.BSC (A) | Runner up Team
(MEN) F.Y.B.Com |
| 1. Balaji Warudkar | 1. Pratik Sonawane |
| 2. Abhijit Sontakke | 2. Vikas Yadav |
| 3. Pankaj Khairnar | 3. Ashitosh Sing |
| 4. Parth Tadvalkar | 4. Kiran Dhonde |
| 5. Ajay Raut | 5. Ashish Vadag |
| 6. Sudesh Veer | 6. Prathmesh Devkar |
| 7. Swapnil Shelke | 7. Anmol Sapkal |
| | 8. Vishal Birajdar |

Football :

- | | |
|---------------------------------------|-------------------------------|
| Winner Team (MEN)
(FYBBA) B | Runner up (TYBCS)
B |
| 1. Akshay Bhale Rao | 1. Aniket Patil |
| 2. Sachidanand Unde | 2. Karan Shirurkar |
| 3. Mayuresh Kasbe | 3. Advay Thombre |

- | | |
|-----------------------|--------------------|
| 4. T.Gemon Dev Sharma | 4. Advait Toraskar |
| 5. Yash Agarwal | 5. Dil Thapa |
| 6. Amol Singh | 6. Chetan Pacharne |
| | 7. Pravin Jadhav |
| | 8. Tejas Raskar |

Chess

Winner Team (MEN) **Runner up Team**

- | | |
|--------------------------------------|--------------------------------|
| 1. Vedant Pimpalkhare
(FYB.COM) D | 2. Sourabh Parmar
(SYBSC) A |
|--------------------------------------|--------------------------------|

Badminton:

- | | |
|-------------------------------------|--|
| Winner | Runner up |
| 1. Omkar Salkar (11 th) | 2. Sourabh Kasture (11 th) |

Table Tennis:

Winner **Runner up**

- | | |
|------------------------------------|-------------------------------|
| 1. Vikram Mauje
(T.Y.B.Com (A)) | 2. Ajeesh Pillai
(T.Y.BBA) |
|------------------------------------|-------------------------------|

Following students of our college were awarded 'Shiv Chatrapati Award' the most prestigious Sports award of the Government of Maharashtra:

1. Viraj Dhokle (S.Y.B.C.S.) – Swimming
2. Komal Waghule (M.Com.-I) – Handball
3. Umesh Zirpe (Alumni) – Adventure Sports

Prof. Pratima Lonari
Director of Physical Education

Prof. Vikram Phale
Director of Physical Education

Prof. P. G. Dixit
Chairman GMC

International Students Cell

With the growth and progress of our college, the number of foreign students is increasing every year. This academic year, about 83 international students have taken admission in our college. These students have come from different countries like Turkmenistan, Kazakhstan, Mauritius, Afghanistan, Mozambique, Iraq, Somalia, Yemen, West Africa, Vietnam, Thailand, Iran, Ghana and Sri Lanka.

This growth in the number of international students has increased our responsibility of mentoring, counseling and guiding these students. Our college makes sincere efforts to increase the acceptability of international students in the Indian educational system and to promote Modern College, Pune-5, as a global hub of education for international community.

Considering the need for special attention towards the growing trend of international students we have officially formed the International Student' Cell in Modern College, Pune-5, which consists of friendly and knowledgeable staff for providing individual one-to-one support to these students.

The Progressive Education Society has also made hostel accommodation available for the foreign students.

Every year International Students' Cultural Fest is organized in the college. This year also the festival was organized on 29th February 2016. All the international students participated in the cultural fest by performing their cultural dances, music, country presentations, etc. Under the guidance of the International Student committee, the entire programme was organized and anchored by the foreign students. Mr. Mohammad Mustafa, Miss. Gopal Padmasha and Miss. Johann from S.Y.B.A. took special efforts in organizing this event.

The following committee members of the International Student Cell guided the students:

Dr. R.S.Zunjarrao – Principal/ Advisor

Prof. S.S.Deshmukh - Director

Dr. M. D. Waghmare – Chairman

Dr. M. M. Satam – Vice Chairperson

Prof. Sangita Sarma – Coordinator

Dr. M. M. Satam

Vice Chairperson

Skill Development Workshops

Skill development training workshops have been a regular feature of our college since many years. It is a matter of pride for us that this programme is in concurrence with the recent initiative undertaken by the Central Government of India in Skill Development especially for youth.

Certificate Courses/Workshops conducted this year were as follows:

Plant Tissue Culture Techniques

Total batches conducted : Two

Strength of each batch: 10 students

Department of Botany in collaboration with MCCG Pune

Coordinator: Dr. K. D. Gopale

The overall objective of the workshop is to provide instructional resources, conceptual background information and hands-on laboratory experiences to facilitate the incorporation of plant tissue culture (micro-propagation) into classroom curricula in the most cost effective manner.

Seed Technology

Total batches conducted : One

Strength of the batch: 25

Department of Botany

Coordinator : Asst. Prof. Arti Goggi

This workshop is practical based where hands-on-Training is given to students in Seed Testing and Seed Biochemistry.

German Course Level 1 and Level 2 (A 1, A2)

Total batches conducted : Two

Strength of each batch: Level 1 : 11, Level 2 : 16

Department of German

Coordinator: Prof.Sanjeevani Kuvalekar

In this course our students not only learn communication skills ,but they also get an opportunity to appear for the internationally recognized examinations of Goethe Institute (Max Mueller Bhawan).

Integrated Vermitechnology Training Course (IVTC)

Total batches conducted : One

Strength of the batch: 18

Department of Zoology in collaboration with Institute of Natural Organic Agriculture (INORA),Pune

Coordinator: Mr.Narendra M.Naidu

Assistant Coordinator: Prof.Bharat T.Kalbage

This course empowers the participants to deal with management of wet waste at domestic level as well as large scale biodegradable urban waste. It also gives an exposure to organic farming.

Special workshop on Microscopy

Total batches conducted : Two

Strength of the January 2016 batch: 32

Strength of the February 2016 batch: 33

Department of Zoology in collaboration with Department of Zoology ,SPPU,Pune

Coordinator: Dr.P.S.Kudnar

This course provides basic information to the students about Optics and all types of microscopes, supplemented by hands-on-training.

MPSC, UPSC and other Competitive Examinations-Guidance

Coordinator: Dr.Vilas Kamble

Regular lectures of eminent personalities are arranged. Library facility and a special reading hall with rich collection of books related to Competitive examinations are made available to the students.

Robotics using 8051

Total batches conducted : One

Strength of the batch: 21

Department of Electronics

Coordinators: Prof. D. B. Gaikwad

English Marathi Translation

Total batches conducted : One

Department of Marathi

Coordinators: Dr.Snehal Taware

Computerized Financial Accounting Programme (Tally ERP 9)

Total batches conducted : One

Strength of the batch: 20

Department of Commerce

Coordinators: Dr. Vijay Gaikwad and Prof. Rahul Jadhav

Lectures on Computerised Accounting and use of computers for practical sessions.

Modi –Script

Total batches conducted : One

Strength of the batch: 80

Department of History in collaboration with Department of Archaeology, Government of India
Coordinator : Office

Assistant Coordinator: Dr. M.K. Admane

The objective of this course to create interest amongst students and citizens to study the glorious history of our nation using the tool of Modi-script.

Entrepreneurship Development Programme

Total batches conducted : Five

Strength of the batch: min. 15 to max. 70

Department of Chemistry

Coordinator : Dr. S. K. Ujalambkar

The course intends to encourage the participants to easily and safely make perfumes, soaps and detergents at home for regular use at a very low cost.

- Narendra M. Naidu
Chief Coordinator

Industry Academia Collaboration Committee

In recent times it is increasingly experienced that there is a gap between need of manpower in industry and supply of manpower available from educational institutions. Our college organized series of activities which were very beneficial for the students to bridge this gap. The objective of these programmes was to identify the exact gap in curriculum and need additional input to be given to the students for their career.

During the educational tour of PG Zoology students to Hyderabad, we visited BioServe Biotechnologies, CCMB and other institutes allied to CCMB.

Dr. Mandar Kulkarni, from Bioserve, Hyderabad, emphasized the need of mastering the basics of various branches of Science. He also spoke on the importance of focus and sincerity in work.

Dr. Deshpande from Bioserve spoke about the avenues in Bioinformatics and also stressed on the value of commitment in one's career.

Dr. Raju and other scientists from CCMB, Hyderabad interacted with our students during our visit. They made the students understand the fundamental research as well as avenues of application in research.

The Committee had arranged Industry-Academia Meets at the college. Dr. Jagdish Benale from JBN Enterprises, Pune and academicians Prof. Dhiman Panchal, Prof. Ranjana Dani, Prof. Sanjay Jain, Prof. Alana Savant and Prof. Gaurang Shah, from MIT guided the students and expressed their views for bridging this gap.

Dr. Jagdish Benale from JBN Enterprises, Pune, discussed details about gray areas for students' placement like Research and Development, production, management, human resource development and IPR. He stressed on the need of interdisciplinary approach in curriculum.

Prof. Dhiman Panchal, from MIT, Pune explained the need of business aspects to be included in syllabus, as per current trends in market of applications and industries.

Prof. S.R. Chaudhari illustrated the contents of curriculum to develop soft skills and efforts taken by the college. Dr. Shubhangi Puranik, Prof. A. V. Kamble took efforts to organize these Industry Academia meetings in collaboration with Rotary Club, Shivajinagar, Pune successfully. Prof. Sameer Nerlekar, Prof. Manasi Thakur and Prof. Alka Kamble took great efforts to shape the careers of students of the college.

Prof. S. R. Chaudhari, Mr. Narendra M. Naidu and Dr. Shubhangi Puranik took initiative to organize industrial visits.

- Dr. Shubhangi Puranik
Chairperson

Value Based Education Committee

Activities and programs conducted:

- **Yoga and Meditation hall inaugurated** on International Yoga day 21st June 2015.
- **Inauguration** of the activities for year 2015-16 of Value Based Education Committee was held on 4th August 2015, at the auspicious hands of **Brahma Kumar Atam Prakash** from Prajapita Brahma Kumar Ishwariya Vishwavidyalaya. Students were benefited by his inspiring guidance on this occasion.
- Certificate Course in '**Self Development with Value Based Education**' conducted for PG and UG students. The course was conducted from 4th August 2015 to 10th Oct 2015. Total 8 sessions were conducted by members of Shri Ram Chandra Mission.

The content of the course was self development through meditation, self discipline, and personality development, moral and ethical values. Forty students enrolled for the course.

- **Life School Foundation** conducted 14 Sessions of KMM (Keep Moving Movement) for our UG students in the month of September and October 2015. The session content was ethical and moral values.
- Two sessions of '**Relaxation Technique**' were conducted on 17th July 2015 and 7th September 2015 for staff members.
- Two Sessions on **Omkar Upasana** were conducted on 7th January 2015 and 24th February 2015 by Mrs. Sandhya Bhalerao, Yogaprasin for staff members.
- **Meditation and relaxation technique** session was conducted for forty students of Community college of Fashion Designing and tailoring on 14th, 15th and 16th January 2015.
- Value based education session on '**Dream it and Get it**' was conducted on 6th January 2015 for PG students by Makarand Lele.
- A **Meditation session** was initiated by Mr. Vinod Kumar Bhatnagar and the team members of **Sahaj Yog BBA** and **BCA** students.

- Mrs. Vaishali C. Bhoite
Chairperson

Attendance Committee

The functioning of the attendance committee starts every year from the day one of teaching at the classroom level. This is intended to promote students' attendance in the classes.

Attendance defaulters in three or more subjects are identified as serious defaulters in attendance. List of serious defaulters in attendance are prepared on the basis of attendance report submitted by teachers for first term. These are displayed on the notice board, circulated in classes and letters are issued to the guardians of serious defaulters and meeting of guardians are called. Guardians attend the meetings in response to our intimation.

The effort taken by the college regarding students attendance are highly appreciated by many guardians. It is found that some of guardians are unaware of the fact that their wards do not attend classes. In such cases Guardians' meeting plays a crucial role and a positive change is observed.

All these steps have led to improvement in attendance of the students. Due to these measures taken, it was found that the 'defaulter number' went down substantially in the second term of 2016.

- Prof. S.R.Wagh
Chairman

Rotary Youth Leadership Award (RYLA)

Collaborative activities of Modern College, Pune-5 and Rotary Club, Shivajinagar, Pune

Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5 in collaboration with Rotary Club, Shivajinagar, Pune for the first time organized series of activities which were very beneficial for the students.

The preparation for this RYLA started with a press conference held on 28th July 2015. The team members were Prof. A.V.Kamble (Electronics), Prof. Alka A. Kamble and Dr. Shubhangi S. Puranik.

First RYLA - 1st August 2015 : 'Career in Music'

Gauri Shikarpur, President, Rotary Club gave information on Rotary Club and its various activities to the students of the college. Dr. R. S. Zunjarrao, Principal, inaugurated the Art Circle activities for the year 2015-16 and announced to install the New Rotract Club of about 50 Rotractors in the college.

Mukta Walse and Vipul Salvi introduced the well-known guests from the field of Music - **Shri. Pramod Marathe, Shri. Pushkar Lele and Shri. Rahul Ranade**. These guests guided the students on how to make a career in Music. A Cultural programme was performed by the students of the college and was appreciated by the Guests. About 450 students participated in this program.

Rotary Club felicitated three students Nitesh Aher, Pankaj Nagpure and Abhijit Dhapte with RYLA Trophies.

Second RYLA- 20th August 2015: 'Career in Foreign Languages'

Gauri Shikarpur, President of Rotary Club explained the importance of foreign languages. Dr. R.S. Zunjarrao, Principal, spoke on activities undertaken by the college in the field of Languages.

The speakers were **Aditi Wadnerkar, Sandeep Nulkar, Manasi Shirgurkar and Lalita Marathe** who covered various subjects covering importance of learning foreign languages like Chinese, Japanese and German along with the importance of Translation. Various opportunities/openings in these fields were highlighted.

Rotary Club felicitated students Roma Milind Abhyankar, Uma Krishna Kurdukar, Ashwami Patil, and Vilina Inamdar with RYLA Trophies.

The total attendance of the students was more than 200. Vote of thanks was given by Mrs. Kuvalekar.

Third RYLA - 9th September 2015: 'Designing as Your Career'

With the support of the energetic team of the Modern college, MIT and Rotary Club members, third RYLA of this year was arranged. The theme of this program was 'Design Your Career'.

Other colleges from Pune were also invited to attend this RYLA and in response to these invitations, students and Professors from Modern College of Engineering, Suryadatta Institute and Naraliker Institute for design attended this RYLA.

The RYLA started with the national anthem. Rtn. Manoj Fulambrikar anchored the program. He shared his thoughts on the importance of Designing and career in this field.

Miss. Sameera Chauhan and Miss. Priyanka Mahindrakar - students of Animation and Design department of Modern College, Pune-5, anchored the programme.

Prof. Dhimant Panchal, Prof. Ranjana Dani, Prof. Sanjay Jain, Prof. Alana Savant & Prof. Gaurang Shah, from MIT guided the students on various wings of Design.

Rotary Club felicitated Tripti Gaikwad, Ravina Surwase, Ashwini Bambale, Ankita Pande, Devayani Shirole and Tanvi Shah, the students of the Modern College and MIT.

Rotary Club also appreciated the hard work, dedication of Prof. Sameer Nerlekar and Prof. Manasi Thakur who took great efforts to shape the careers of students of the college.

Dr. Shubhangi Puranik declared opening of the exhibition which displayed the Product Designs and Models created by students of Modern College and MIT. Many students from other colleges also visited this exhibition. The RYLA was attended by more than 300 students. Vote of thanks was given by Dr. Shubhangi Puranik.

Installation of Rotaract Club at Modern College- 22nd December 2015

Dr. Deepak Shikarpur guided the students on career in IT. Students found this speech very informative and helpful. Secretary, PES and Vice Principal Shamkant Deshmukh, Rotary President Gauri Shikarpur, members of Rotary Club and Dr. Shubhangi Puranik were present on this occasion. **Fourth RYLA- 6th January 2016: 'Fashion and Lifestyle Journalism'**

Shri. Madhav Gokhale spoke on 'Writing as a career', Pratibha Chandran guided on 'e-media role and opportunities'. Radhika Sathe-Patwardan explained about 'Opportunities in Fashion and Lifestyle Journalism'. The vote of thanks was given by Mrs. Alka Kamble.

Prof A.V. Kamble, Prof. A.A.Kamble and Dr. Shubhangi Puranik took special efforts in coordinating with different groups under the guidance of Dr. R.S. Zunjarrao and Prof. Shamkant Deshmukh for effective organization of the RYLA activities.

- Dr. Shubhangi Puranik
Coordinator

Department of Fashion Technology

Indian Fashion Industry has evolved into one of the very successful & vibrant industries. Many of the established global as well Indian fashion brands are growing their operations in India. India is traditionally known for its fabrics, skill oriented artisans and large manufacturing setups. During the last two decades there has been an emergence of 'Design' as an important aspect of the Indian Fashion industry. With the set-up of NIFT, design education has got a very good boost.

The fashion industry considerably depends on the skills of various types. With the emergence of fashion designing and fashion designers, there is a need felt to build a sustainable ecosystem for this industry to grow further. 'Skill oriented manpower' has emerged as a critical element of the Fashion Industry ecosystem. This industry need has to be supported by an equally robust education system.

The University Grants Commission (UGC) has launched the Community College model, which is accessible to a large number of individuals of the community. It offers low cost and high quality education locally based upon vocational skills. The programs conducted as part of the Community college focuses on universities and colleges. This would enable the students completing the Dress Designing and Tailoring course to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

Realizing the potential of the fashion industry, its requirement of trained human resource and the initiative of UGC the course of **Dress Designing and Tailoring** has been sanctioned and is successfully running at the Modern College, Shivajinagar from the academic year 2015-16 under the newly formed Department of Fashion Technology.

The course aims to deliver :

- Judicious mix of skills relating to fashion technology
- Adequate knowledge and skills to enable them to be work ready

- (c) Practical orientation with theoretical base
(d) Flexibility to students by means of pre-defined entry and multiple exit points.

As the field is highly professional it is supported with professional faculties having industry background, special equipment related to fashion industry, fabric library, resource center of fashion, presentation tools, internet backup and timely industrial visits.

Students who have completed 10+2 program of any field are eligible for doing this course. Since it is a skill oriented course, anybody who has the aptitude of stitching and is interested to pursue a career in Fashion Designing should take up this course. This will act as a foundation for taking up further education in the similar field.

- Manasi Thakur
Head

Research Monitoring Committee

Young Sanshodhak Scheme - The Local Managing Committee and Research Monitoring Committee, together decided that funds be allocated for small research projects under the 'Young Sanshodhak Scheme' of Research Monitoring Committee. In this scheme total **fourteen** projects from **five** different departments were sanctioned. Department of Electronics, Biotechnology, Botany, Microbiology and Psychology had participated in this project scheme to promote and encourage research in students. On the eve of the Science day, 27 February 2016 the Research Monitoring Committee had organized a poster presentation of projects carried out by students under the guidance of supervisors in this scheme. The exhibition of posters was inaugurated by Dr. R.S. Zunjarrao, Principal, Prof. S. R. Chaudhari, Vice-Principal and Dr. Neeta M. Patil, Chairperson, RMC were also present for the event.

- Dr. Neeta M. Patil
Chairperson

डॉ. बाबासाहेब आंबेडकर जयंती

दि. १३ एप्रिल २०१६ रोजी सलग १४ तास अभ्यास अभियान या उपक्रमाचे आयोजन करण्यात आले. यावेळी विद्यार्थी व शिक्षक मोठ्या संख्येने उपस्थित होते. सकाळी ७ ते रात्री ९ वाजेपर्यंत झालेल्या या कार्यक्रमात भारतरत्न डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमेला प्राचार्य डॉ. राजेंद्र झुंजारराव यांनी पुष्प अर्पण केले. बाबासाहेबांचे ग्रंथप्रेम, वाचनाची आवड, जिद्द, चिकाटी याबाबत

सांगितले. पुण्यातील जयंती उत्सव समितीचे सदस्य मा. पंजाबराव वानखडे (माजी. अतिरिक्त जिल्हाधिकारी) मा. खंकाळ, डॉ. चंदनशिखे, मा. भोसले यांनी उपक्रमाला भेट देऊन विद्यार्थ्यांचे कौतुक केले. उपप्राचार्य प्रा. शामकांत देशमुख, उपप्राचार्य प्रा. नयना कुलकर्णी उपप्राचार्य प्रा. विलास आल्हाट, उपप्राचार्य प्रा. एस. आर. चौधरी, प्रा. डॉ. विलास कांबळे, प्रा. सुभाष कारेकर, प्रा. हर्ष गायकवाड, प्रा. बोडके, प्रा. अशोक कांबळे, प्रा. सोनवणे, प्रा. वायाळ, व इतर सहकारी प्राध्यापकांनी या उपक्रमाच्या आयोजनात सहकार्य केले व सहभाग घेतला.

भारतरत्न डॉ. बाबासाहेब आंबेडकर यांची १२५ वी जयंती

भारतरत्न डॉ. बाबासाहेब आंबेडकर यांची १२५ वी जयंती मोठ्या उत्साहात संपन्न झाली. सुरुवातीला प्राचार्य डॉ. राजेंद्र झुंजारराव यांनी महामानव बाबासाहेब आंबेडकर यांच्या प्रतिमेला पुष्प अर्पण केले व दीप प्रज्वलीत केले. प्रास्ताविकात प्रा. रवींद्र इंगोले यांनी सांगितले की, भारतीय घटनेचे शिल्पकार, प्रज्ञासूर्य डॉ. बाबासाहेब आंबेडकरांनी या देशासाठी फार मोठे योगदान दिले. त्यांच्या महान कर्तृत्वाची, वक्तृत्वाची, लिखाणाची व नेतृत्वाची दखल घेऊन संपूर्ण जगात व युनोतही १२५ वी जयंती साजरी होत आहे. या महाविद्यालयात बाबासाहेबांची जयंती साजरी करण्यासाठी सकारात्मक व विधायक उपक्रमाचे आयोजन करण्यात आले. बाबासाहेब संपूर्ण आयुष्य विद्यार्थी म्हणून जीवन जगले. ज्ञानसाधना केली. यानंतर प्रा. सुभाष कारेकर यांनी एक भीमाई गीत गाऊन बाबासाहेबांना आदरांजली व्यक्त केली.

प्राचार्य डॉ. राजेंद्र झुंजारराव यांनी याप्रसंगी बोलताना सांगितले की, "सामाजिक विषमता नष्ट करण्यासाठी त्यांनी आयुष्य वेचले. त्यांचे अष्टपैलू व असामान्य, अतुलनीय प्रभावी व्यक्तिमत्व होते. म्हणूनच शेती, जलसाक्षरता, नदीजोड, लोकसंख्या, कायदा, अर्थव्यवस्था, शिक्षण याबाबतचे त्यांचे मौलिक विचार देशाला आजही मार्गदर्शक आहेत. अर्थशास्त्र व कायदा विषयाचे ते प्राध्यापक होते. विविध विषयावर त्यांचे प्रभुत्व असल्यानेच त्यांनी अध्यापन क्षेत्रातही मोलाची कामगिरी केली. त्यांचे शिक्षण विषयक विचार तर सर्वांना कायम प्रेरणा देणारे आहेत त्यांचा हा आदर्श विद्यार्थी व शिक्षकांनी आवर्जून घ्यावा. त्यांच्या शिका संघटीत व्हा, संघर्ष करा या संदेशाची प्रेरणा घेऊन तालुक्याच्या व जिल्ह्याच्या ठिकाणी शाळा, महाविद्यालयाची स्थापना अनेक ठिकाणी झाली. त्यामुळेच शिक्षणाचा प्रचार व प्रसार झाला व विद्यार्थी मोठ्या संख्येने शिक्षण घेऊ शकले."

यानंतर प्रा. डॉ. विलास कांबळे यांनी सर्व उपस्थितांचे आभार मानले व कार्यक्रमाची सांगता झाली.

- डॉ. रवींद्र इंगोले
पर्यवेक्षक

Academic Research Coordination AVISHKAR 2016

This Year the appeal for participation in Avishkar received overwhelming response. Students from Psychology and Economics Departments participated for the first time and some of them reached the University Level.

Following students participated in the Zonal Level Research Project Competition AVISHKAR 2015 (Pune City Area) held at Baburaoji Gholap College, Sangvi, Pune 411 021 on 6th October, 2015

LIST OF PARTICIPANTS

S.N	Name of the Student	Category	Level	Title of the Project
1	1) Sukanya S. Joshi 2) Prajakta M. Mahajan	Agriculture	UG	The use of Plant based products in Food-Grain Storage
2	1) Vaishnavi M. Dixit 2) Soumya S. Digaskar	Agriculture	UG	Commercial Production of Low Cost Moisturising Cream using Mushroom and Aloe Vera Gel
3	1) Swapnil S. Boyane 2) Nikhil U. Joshi	Pure Science	UG	Effect of plant cover on diversity of spiders-A case study
4	1) Rajesh P. Gunjalkar 2) Sunil V. Barma	Pure Science	UG	Development of CZTS based low cost thin film solar cells
5	1) Jithin P. 2) Sainath D. Wadekar	Pure Science	UG	Synthesis and characterization of zinc oxide nanostructures
6	1) Rutuja S. Patil 2) Megha C. Wagh	Pure Science	UG	Isolation of Lyophilisation of seed culture used in the formation of Dahi (Indian Yogurt)
7	1) Shanuja Radhakrishnan 2) Ankita R. Shelke	Pure Science	UG	Earthquake resistance model
8	1) Jaini D. Shah 2) Priti V. Tambe	Pure Science	UG	Evaluation of electricity generation potential of Algae
9	1) Aditi Dharia 2) Pratik Ogale	Pure Science	UG	Biotechnological Application of Halophilic Archaea
10	1) Sayani Biswas	Humanities	UG	Impact of E- Shopping on Consumer Behaviour
11	1) Shantveer Wale 2) Lonon Dawson	Humanities	UG	Secrets of Happiness
12	1) Raj D. Agarwal 2) Meenal S. Bhosale	Commerce	UG	A Study of Gender-wise Behavioural Personal Finance pertaining to Under-Graduate Students of Selected Colleges in Pune
13	1) Manasi S. Ingole 2) Sudarshan P. Patil	Humanities	PG	The China's Economic Crisis – Lessons and Opportunities for India
14	1) Sushant S. Joshi 2) Archana M. Chinchane	Humanities	PG	Study of Warkari Sampraday: Psychological Perspective
15	1) Sanika B. Autade	Humanities	PG	A Study of Effectiveness of Gender Sensitization on Sexism among young adults
16	1) Nivedita Dutta	Humanities	PG	A comparative Study on Private and Government Hospital Nurses : Psychological perspective

17	1) Monika Mishra 2) Chaitali Gawas	Humanities	PG	Psychological Effects of Cancer Surgery
18	1) Sachin V. Jagtap 2) Mahesh D. More	Humanities	PG	Design of Online Information Literacy Programme for College Students
19	1) Prasad Y. Pashankar	Pure Science	PG	Traffic Signal Pre-Emption
20	1) Prachi B. Joshi 2) Yogita S. Shelke	Pure Science	PG	Screening and Isolation of Gold Nanoparticles synthesizing Bacteria and studies on Nitrate Reductase
21	1) Revati S. Jadhav 2) Suvarna C. Desai	Pure Science	PG	Studies on Multi-Drug Resistant Staphylococcus species from skin and soil
22	1) Bagwan R. Anwar 2) Swapnali R. Bankar	Pure Science	PG	The optimization of growth rate of potential Biodiesel producing microalgae
23	1) Abhijit D. Bandgar 2) Payal A. Pawar	Pure Science	PG	Synthesis and biological activity of novel 2-aryl thiozolidine-4-carboxylic acid and their ester derivatives as novel antimicrobial agents
24	1) Priyanka S. Nimbhorkar 2) Shekhar G. Manore	Agriculture	PG	Effect of light emitting diode(LED) on the growth rate of nanochloropsis and chaetoceros: potential source for Biodiesel production
25	1) Prof. Rasika P. Date	Commerce	M.Phil/ Ph.D.	Gender Audit of Deemed Universities

Out of the above projects, following projects were short-listed for the University Level Competition

S.N	Name of the	Category	Level	Name of the Guide
1	1) Sukanya S. Joshi 2) Prajakta M. Mahajan	Agriculture	UG	Dr. Sangeeta Sathaye
2	1) Vaishnavi M. Dixit 2) Soumya S. Digraskar	Agriculture	UG	Dr. Sharad Goswami
3	1) Priyanka S. Nimbhorkar 2) Shekhar G. Manore	Agriculture	PG	Dr. K. D. Gopale
4	1) Rutuja S. Patil 2) Megha C. Wagh	Pure Science	UG	Prof. Rama Phadke
5	1) Aditi Dharia 2) Pratik Ogale	Pure Science	UG	Dr. Rebecca Thombre
6	1) Sayani Biswas	Humanities	UG	Dr. Madhu Satam
7	1) Shantveer Wale 2) Lonon Dawson	Humanities	UG	Dr. Amruta Oke
8	1) Sanika B. Autade	Humanities	PG	Prof. Sairaj Patki
9	1) Prasad Y. Pashankar	Pure Science	PG	Prof. Vaishali Bhoite and Prof. Manisha Suryawanshi
10	1) Prof. Rasika P. Date	Commerce	Ph. D.	Dr. Ashok V. Kamble

The Tenth Maharashtra State Inter-University Research Convention 'Avishkar 2015' was held in Savitribai Phule Pune University, Ganeshkhind, Pune, between 10th and 12th January 2016. Six hundred Five researchers from twenty universities participated in six different categories at four different levels.

It is a matter of great pride for our college that **three** of our projects were presented in this Convention as per details given below:

S.No	Name of the Participant	Category	Level	Name of the guide
1	Ms. Sayani Biswas	Humanities	UG	Dr. Madhu Satam
2	Ms. Sanika Autade	Humanities	PG	Dr. Sairaj Patki
3	Prof. Rasika Date	Commerce	Ph.D.	Dr. Ashok Kamble

Out of the above, following two projects qualified in the poster round and were selected for presentation.

S.No	Name of the Participant	Category	Level	Name of the guide
1	Ms. Sayani Biswas	Humanities	UG	Dr. Madhu Satam
2	Prof. Rasika Date	Commerce	Ph.D.	Dr. Ashok Kamble

In the presentation round, Ms. **Sayani Biswas** secured the **SECOND PRIZE**.

Ms. Sayani Biswas from our college represented Savitribai Phule Pune University at the Tenth Maharashtra State Inter-University Research Convention 'Avishkar 2015' and secured the **SECOND PRIZE** in Humanities Category at UG Level.

Savitribai Phule Pune University won the **Trophy** for Humanities Category and also won the **Overall Championship in Avishkar 2015**

Prof. R. P. Date
Coordinator Avishkar

Prof. S.S. Thengadi
Academic Research Coordinator

Internal Quality Assurance Cell

Internal Quality Assurance Cell (IQAC) of the college is operational under the able guidance of Chairman of the Cell Principal Dr. R.S. Zunjarrao. During academic year 2015-16, IQAC planned many quality promoting activities. Preparation and up gradation of Self Study Report (SSR) for third cycle of reaccreditation by NAAC is almost completed.

In the first meeting of IQAC conducted in October 2015, agenda was on , confirmation of previous meeting minutes, review of result analysis , admission status for various courses ,enhancing teaching, learning and evaluation , planning of organizing State level, National level and International level conferences and planning of academic activities for the year 2015-16. It was also resolved to add more ICT facilities in classes, digitization of office documents for digital record room, utilization of various funds, examination reforms and laboratory renovations were discussed. College IQAC was re-constituted formed from October 2015. Review of the post graduate courses M.Sc. Physics and M.Sc. Zoology was put up in the meeting.

In second term meeting of IQAC held on 30 April 2016, the agenda was confirmation of minutes of previous meeting, review of SSR, submission of LOI after completion of all formalities regarding MCA courses, up gradation of website and planning for next academic year admission process. The discussions regarding starting of new course M.A. Political Science, B.Sc. (Blended) and B.C.A. (Science) was done. Review of conferences, seminar organized was also done. Information regarding inauguration of History Museum, up gradation of wash rooms for differently able students was given to IQAC members.

Various meetings regarding preparation for NAAC third cycle accreditation were organized with head of the departments. SWOT analysis of the college was done.

Dr. S.D. Joag was felicitated for getting INSA award 2015. A motivation lecture on 'Preparation for NAAC accreditation' by Dr. Shirish Chindhade was organized on 19th April 2016.

IQAC noted achievements by Department of Physical Education and Sports which includes 131 gold, 104 silver and 63 bronze medals. It also resulted in getting **Best College Award in Sports** by Savitribai Phule Pune University for Academic year 2015-16.

It was also decided in IQAC to conduct online admission process for all programs under the Arts, Science and Commerce faculty for academic year 2016-17.

Coordinator, IQAC

Academic Prize Distribution Committee

A prize distribution function was conducted on 14th Aug 2015, in the auditorium of the society where faculty and subject wise toppers were awarded the prizes at the hands of **Mr. Anant Gadgil**.

The Annual Prize Distribution Ceremony of P.E.Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5 was organized in the Assembly Hall of the College on 23rd April 2016. Principal, **Dr. R.S. Zunjarrao** spoke about the ascending graph of the institution and elaborated on the glorious heritage of past students of the college who have contributed to various fields in the society. He also stressed upon the physical fitness as a holistic development of the students. Speaking on the occasion, the Chief Guest **Prof. S.S.Deshmukh**, the Secretary of the P.E.Society said that focused efforts and a responsible use of resources by the students is the need of the hour. Students, he said, should inculcate a habit of self-study to bridge the gap between education and industry. He emphasized the need for consistency and quality in the student population. This would result in the creation of an employable student work force.

Several people from the society as well as many teachers of the college have endowed prizes to the P.E.Society, which are awarded to the students in the Prize Distribution Ceremony. 131 meritorious students from classes XI to Post Graduate wings were awarded different endowment prizes.

Junior Best Student Trophy along with Late Jyotsna Godbole prize was awarded to Sayali Bahirat of XI-G. Shahin Miya of T.Y.B.Sc. Comp.Sci. was awarded the senior wing Best Student Trophy along with Staff Fund Prize, Veer Savarkar Prize and Damodar Shield. Ishita Gadgil of M.A. Eng. was awarded Late Prof. Bansode Trophy for Post Graduate Section.

Vice Principals Dr. N.J.Kulkarni, Dr.Prakash Dixit and Prof.Chaudhari were present on this occasion. Prof. Vandana Joshi was the comperer. Prof. Nivedita Mahajan and Prof. Trupti Gohad read the list of prize winners. Prof. Madhuri Ghanekar proposed the Vote of Thanks. Many donors and parents were present on this occasion.

List of Meritorious students:

Sr.No.	Name of the Student	Criteria	Name of the Prize
A Students of Std XI			
1	Murkute Pratik Pravin(467)	Boy from Modern High School (Marathi Medium) Pune -5 with highest total at Std X	Late Govind Nirgudkar scholarship
2	Khurpe Shiraddha Rajendra (463)	Girl from P. E. S. 's Girls High School Pune- 5 with highest total at Std X	Late Seetabai Nirgudkar scholarship
3	Nelekar Shreeya Bharat (90)	Student from a school of P. E. S. with highest total at Std X (All)	Dwarika Sanganmerkar Prize
B Students Passing XI Arts			
1	Ware Sameer R. (87.54)	Highest Total at XI Arts	Staff Fund Prize
C Student Passing from XI Commerce			
1	Samak Priya V.	Highest total at XI Com.	1. Late Vinod Narayan Ekbote Prize and 2. Staff Fund Prize
		Highest marks in S. P. at XI Com.	G D. Nargund Prize
		Highest marks in Book – Keeping & Accountancy at XI Com.	Late Prof. Jyotsna Godbole Prize
2	Chaudhari Pooja S.(97)	Highest marks in Book – Keeping & Accountancy at XI Com.	Late Prof. Jyotsna Godbole Prize
		Deserving and studious student of Jr. wing	Golden Jubilee Fund

D Students Passing XI Science			
1	Mehta Shreya Rajendra	Highest total at XI Science	Staff Fund Prize
		Securing highest marks in Chemistry at XI Science	Late Shri. Balkrishna Likhite Prize
		Deserving and studious girl student of Jr. wing	Late Kamalabai Jagannath Kale Prize
2	Karanakar Shreya Tapas (92)	Securing highest marks at Physics at XI Science	Dwarkanbai Parasnis Prize
3	Mankar Malhar Satish (100)	Securing highest marks in Mathematics at XI Science	Late Shri. Balkrishna Likhite Prize
		Deserving and studious student of Std XII	Late Vishnu Trimbak Tatake Prize
			Late Shankar Ramchandra Kanitkar Prize
E Students Passing Std XII (Arts / Science / Commerce)			
1	Sawant Tukaram Shankar (91)	Securing highest marks in Marathi at Std XII	1) Late Gauribai Mahadev Sidhaye Prize
2	Joshi Sameer Gajanan (92)	Securing highest marks in Sanskrit at Std XII	1) Late Shreepad Malhar Joshi Prize 2) Prahlad Nimbraj Satbhay Prize
3	Kunthekar Madhura Abhijit (93)	Securing highest marks in German at Std XII	1) Late Shreepad Malhar Joshi Prize
F Students Passing XII Arts			
1	Khadilkar Hemangi U.	Highest Total at XII Arts	1) Staff Fund Prize 2) Balkrishna Rasane Prize
2	Bapat Sneha Gurunath	Highest Total at XII Arts & admission to F.Y. B. A. in this college	Vasudevrao Tatke Prize
G Students Passing XII Commerce			
1	Patil Shivani B.	Highest total at XII Com.	1. Late Vinod Narayan Ekbote Prize and 2. Balkrishna Rasane Prize
		Girl with highest total at XII Com.	Late Jyotsna Godbole Prize
3	Rai Sushilkumar Sumant (550)	Boy with highest total at XII Com.	1. Vasudevrao Tatke Prize 2. Late Jyotsna Godbole Prize
4	Shimpi Leena Suresh (97)	Highest marks in Mathematics at XII Com.	1) A.P. Phadke Prize
5	Shelke Sneha V. (98)	Highest marks in Book – Keeping & Accountancy at XII Com.	1) Late Jyotsna Godbole Prize
6	Gulankar Pratima K. (92)	Securing highest marks in Secretarial Practice at XII Com.	1) Nargund Prize
H Student Passing XII Science			
1	Apte Ameya A. (90.30)	Highest total at XII Science	1) Vasantrao Sukhtankar Prize 2) Balkrishna Rasane Prize 3) Late Raobahadur D. Balwant Prize
		Excellent academic achievement Jr. Wing	Late Pandurang Vishnu Mahadkar Prize

2	Joshi Rucha Pramod (72.46)	Highest total at XII Science & admission to F.Y.B.Sc./F.Y.B.C.S. in this college	1) Vasudevrao Tatke Prize 2) Nirmala Potnis Prize
3	Anjaria Rohan Abhay	Highest marks in Mathematics at XII Science	1) A. P. Phadake Prize 2) Kamalabai Panase Prize 3) Late Shri. Balkrishna Likhite Prize
		Highest marks in PCM group at XII Science	Late Dr. D. K. Atre Prize
4	Medhekar R.S.(98)	Highest marks in Chemistry at XII Science	1) Late Shri. Balkrishna Likhite Prize
5	Yuvraj Date	Highest marks at XII Science, Merit admission to IISER	R. B. Wagale Memorial Prize
I Students Passing F.Y.B.A.			
1	Arekar Ankush Ramdas(490/600)	Highest total at F.Y.B.A.	Staff Fund Prize
2	Heigrujan Tete Lalit Singh (69/100)	Highest marks in General English at F.Y.B.A. & admission to Special English at S.Y.B.A. in this college	Late Gopal Yashawant Parab Prize
J Students Passing S.Y.B.A.			
1	Chavan Rajesh Hari (476/600)	Highest total at S.Y.B.A.	Staff Fund Prize
2	Pilaware Sachin Dasharath (230/300)	Highest marks in History (Special / General) at S.Y.B.A. and admission to T.Y.B.A. in this College	Late Sumatibai Hariramaji Bhiwagade Prize
K Students Passing T.Y.B.A.			
1	Patil Kunal Jagdish (943/1200)	Highest Total at T.Y.B.A. (Marks out of 1200)	1) Staff Fund prize 2) Late Past Students Prize 3) Late Vasudev Vyankatesh Pandit Prize 4) Memento
3	Joseph Shreya	Highest marks in Special English at T.Y.B.A. (Marks out of 300)	Late Balkrishna Savalaram Rasane Prize
4	Survey Smita	Highest Marks in Special Marathi at T.Y.B.A.(Marks Out of 300)	1) Late Banat Shankar Pataki Prize 2) Narayan Cheep Prize
L Student Passing F.Y.B.Sc.			
1	Bhosale Rasmini Sanjay (1066/1200)	Highest total at F.Y.B.Sc.	Staff Fund Prize
		Highest marks at F.Y.B.Sc. in B Group (Biology Group) (Marks out of 1200)	Narayanrao Bhagawat Prize
2	Bhalerao Rucha Satish (917/1200)	Highest marks at F.Y.B.Sc. in A Group (Mathematics Group) (Marks out of 1200)	Narayanrao Bhagawat Prize
3	Slinky Richer Jayantilal (272/300)	Highest marks in Mathematics at F.Y.B.Sc.	Laxmibai Tatke Prize

4	Patil Shambala Rajaram (245/300)	Highest marks in Chemistry at F.Y.B.Sc. and admission to S.Y.B.Sc. in this college	Dr. K. S. Kale Sponsored Prize
5	Pagadi Pooja Subhash (265/300)	Highest marks in Statistics at F.Y.B.Sc.	Vishvanath Ranchandra Dhongade Prize
6	Aishwarya Shetty	Highest marks at F.Y.B.Sc. Computer Science	Mrs. Sangeeta Raut Sponsored Prize
M Students Passing S.Y.B.Sc.			
1	Walke Reshma Ashok	Highest total at S.Y.B.Sc.	Staff Fund Prize
		Highest marks in Statistics at S.Y.B.Sc.	Late Indirabai Chirputkar Prize
		Highest marks in Mathematics at S.Y.B.Sc.	Prof. Pramila Chikate sponsored Prize
2	Babar Mayuri Balu (272/300)	Highest marks in Physics at S.Y.B.Sc.	Ravishankar Rasane Prize
		Highest marks in Mathematics at S.Y.B.Sc.	Prof. Pramila Chikate sponsored Prize
3	Chaudhari Upasana Khagendre (251/300)	Highest marks in Electronics at S.Y.B.Sc.	Balkrishna Savalaram Rasane Prize
4	Supriya Shelar	Highest marks in Chemistry at S.Y.B.Sc. & admission to T.Y.B.Sc. in this college	Sadashiv Vishwanath Jog Prize
5	Nihau Arden	Highest marks at S.Y.B.Sc. Computer Science	Mrs. Madhuri Ghanekar Sponsored Prize
N Students Passing T.Y.B.Sc. / T.Y.B.C.S.			
1	Ambule Pramod (1096/1200)	Highest total at T.Y.B.Sc. (Mathematics) Out of 1200	1) S. K. Argade Prize 2) Prahlad Nimbraj Satbhui Prize
2	Khatmode Sarika (1068/1200)	Highest total at T.Y.B.Sc. (Statistics) Out of 1200	1) Nirmala Potnis Prize 2) Past Student Prize
3	Salunke Rohini (1115/1200)	Highest total at T.Y.B.Sc. (Physics) Out of 1200	1) Ravishankar Rasane Prize 2) Late Prakash Bhagawat Prize 3) Department of Physics Prize
		Best Graduate of the year	Principal V K Jog Prize
4	Borhade Asmita (899/1200)	Highest total at T.Y.B.Sc. (Electronics) Out of 1200	Balkrishna Rasane Prize
5	Kamble Ashwini	Highest total at T.Y.B.Sc. (Chemistry) Out of 1200	1) Sadashiv Vishwanath Jog Prize 2) Principal B. V. Bhide Prize
		Highest total at T.Y.B.Sc. (Chemistry) Out of 900	Late Mai Bhide Prize
		Best student at T.Y.B.Sc. Chemistry	M. M. Gokhale Prize
6	Minal Sabale (1057/1200) (1636/1900)	Highest total at T.Y.B.Sc. (Botany) Out of 1200	Late Dr. V. D. Vartak Prize
7	Phadtare Aniket (1060/1200)	Highest total at T.Y.B.Sc. (Zoology) Out of 1200	Memento

8	Bahir Swati (952/1200)	Highest total at TYBCS Computer Science (Out of 1200)	1) Staff Fund Prize 2) Memento
9	Rucha Kelkar	Highest total at T.Y.B.Sc. Microbiology (Out of 1200)	Shamala Huddedar Prize sponsored by Dr. Shilpa Mujumdar
10	Mahesh Gore	Deserving needy and Good in academics - Student of T.Y.B.Sc. Statistics	Dr. Mrs. V.R. Prayag sponsored Prize
O Students Passing F.Y.B.Com.			
1	Tiwari Samruddhi N. (570/700)	Highest total at F.Y.B.Com.	Staff Fund Prize
2	Gote Shraddha S. (95/100)	Highest marks in Mathematics at F.Y.B.Com.	Vishwanath Madhav Rayarikar Prize
P Students Passing S.Y.B.Com.			
1	Wadekar Ruplekha (482/600)	Highest total at S.Y.B.Com.	Staff Fund Prize
2	Bute Tanuja A. (482/600) (82/100)	Highest total at S.Y.B.Com.	Staff Fund Prize
		Highest marks in Economics at S.Y.B.Com.	Mrs. Sandhya Vartak sponsored prize
3	Anjum Mujawar	Highest marks in Statistics at S.Y.B.Com. (All papers clear)	1) Late San. Indirabai Chirpulkar Prize 2) Late R.G Satam Prize
4	Kolase Prachi Sunil (75/100)	Highest marks in Banking at S.Y.B.Com.	Sponsored by Dr. M.M. Satam
5	Shelar Madhuri Virthal (82/100)	Highest marks in Economics at S.Y.B.Com.	Mrs. Sandhya Vartak sponsored prize
Q Students Passing at T.Y.B.Com.			
1	Chaturvedi Minalini (924/1200)	Highest total at T.Y.B.Com. Out of 1200	1) Staff Fund Prize 2) Nimmala Potnis Prize 3) Past student Prize 4) Trimbak P. Gondhalekar Prize 5) Vasudev Vinayak Pandit Prize 6) Memento
2	Hema Sheshadri (90/100)	Highest marks in Advanced Costing at T.Y.B.Com.	Balkrishna Rasane Prize
3	Ameya A. Kulkarni (78/100)	Highest marks in M. Law at T.Y.B.Com.	Ravishankar Rasane Prize
4	Sana Fakimazir (150/200)	Highest marks in Banking at T.Y.B.Com.	Vishwanath Madhav Rayarikar Prize
5	Rajratan Gaikwad (116/200)	Highest marks in Statistics at T.Y.B.Com.	Chandrakant Moreshwar Shinde Prize
6	a. Omkar Barawakar (94/100 - Accountancy) b. Trilog Shambag (81/100 - Auditing & Taxation) c. Kalyani Hoshing (165/200 - Accountancy + Auditing)	Highest marks in Accountancy & Auditing	Matoshree Mulabai Kamavat Prize

8	a. Pooja Desai (81/100 – Marketing II) b. Amit Rawal (79/100 – Marketing III)	Highest marks in Marketing at T.Y.B.Com.	Late Jivita Gujar Memorial Prize
R Students Passing M. Com.			
1	a. Khandave Neha J. (GPA-184) b. Jadhav Komal D. (GPA-184)	Highest total at M. Com. I	Staff Fund Prize
2	Dandekar Pooja (81.14)	Highest total at M. Com II	Staff Fund Prize Memento
S Students Passing M. A.			
1	Upadhyay Sonakshi	Highest total at M. A. II (English)	Memento
2	Bamale Ashwini (74)	Highest total at M. A. II (Marathi)	Appasaheb Ramchandra Jadhav Prize sponsored by Dr. Vijayanti Jadhav, Memento
3	Sarode Vandana R.	Highest total at M.A.II (Geography)	Memento
4	Dipti Gaonkar	Highest total at M.A.II (Economics)	Late Purushottam Hirday sponsored by Dr. M. M. Satam
5	Jane Baker	Highest total at M.A.II (Psychology)	
T Students Passing M. Sc.			
1	Lonkar Priyanka Dhondiba	Highest total at M. Sc. I (Ele. Sci.)	Laxman Deuskar Prize
2	Dalal Manali	Highest total at M. Sc. II (Ele. Sci.)	1) Laxman Deuskar Prize 2) Memento
3	Mohite Vrushali	Highest total at M. Sc. II (Statistics)	Memento
4	Monali Ghadge (81.25)	Highest total at M. Sc. II (Botany)	Memento
5	1. Kadam Prashant 2. Gajare Shailesh	Highest total at M. Sc. II (Chemistry)	Chemistry Dept PG staff Prize
6	Sagar Shinde	Highest total at M.C.A (Computer Sc.)	Memento
7	Kambale Shubhada	Highest total at M. C.S II (computer Sc.)	Memento Mrs. Jigisha Pawar sponsored prize
8	Bhandari Tanushree	Highest total at M. Sc. (Microbiology)	Dr. Bhagwant Huddekar Prize sponsored by Dr. Shilpa Mujumdar
9	Kuman Meenu	Highest total at M. Sc. II (Bio Tech.)	Memento
Other Prizes 2015 - 2016			
Sr.No.	Name of the Student	Criteria	Name of the Prize
1	Bhadekar Nikhil	Standing 1 st amongst children of Non-teaching staff at Degree / PG examination	Ravishankar Rasane Prize
2	Jadhav/Sangram Gauridhar	T.Y.B.Sc. Physics student submitting Best Project	H. B. Joshi Prize
3	Hannumanti Ankita Vinayak	T.Y.B.Sc. Electronic student submitting Best Project	A. Gondhalekar Prize

4	Sumit Kanagane	Student writing the Best Computer Programme at T.Y.B.Sc. Computer Science	R. M. Marathe Prize
5	Nutan Kandhare	Deserving & studious Girl student of Sr. Wing	Golden Jubilee Fund Prize
6	Madhur Mishra	Deserving and studious student of Sr. wing	Late Jagannath Kale Prize
7	Pratik Jain	Excellent academic achievement (Sr. wing)	Late Pandurang Vishnu Mahadkar Prize
8	Barma Sunil Vinod	Most deserving student of T. Y. B.Sc. Physics	Y. P. Gambhir prize
9	Bole Vivek Vijay	Most deserving student of T.Y.B.Sc. Ele. Sci.	D. Y. Gambhir Prize
10	Prakash Patil	Best Student of NSS Sr.wing	'Late Abhishek Walke' prize, sponsored by Nisha Bhandare
11	Adinath Gade	Most deserving student of NSS Sr. wing	Late B. P. Satpute Prize
12	Komal Dede	Most deserving girl student of NSS Sr. wing	Late Sarubai Varade Prize
13	Ritesh Sonawane	Deserving student of T.Y.B.Sc. doing good work in NSS for two years	Late Bhanrao Varade Prize
14	Tanaji Pardhi	Deserving student of T.Y.B.Sc. (Comp.Sci.) doing good work in NSS for two years	Late Bhanrao Varade Prize
15	Omkar Argade	Most deserving student of NSS Jr. wing	Late B. S. Pathak Prize
16	Dipak Tirukhe	Deserving student of T.Y.B.A. doing good work in NSS for two years	Shankar Shelar Prize
17	Sayali Bahirat	Best performance in NSS camp Jr. wing	Late Sadashiv Sahukhe Prize
18	Gore Hari Chandrakant (S.Y.B.A.) and Sarode Balasaheb V. (M.Sc. -I Zoology)	Best male student from Earn & learn scheme	Late Krishna Mukund Ujalambkar prize
19	Amrta Babale (S.Y.B.A.) Sonal Shinde (F.Y.B.Sc.)	Best female student from Earn & learn scheme	Late Kalindi Krishna Ujalambkar prize
20	Akash Hanumanant	Past student of Modern High School Pune-05, with minimum 75% mark admission to this college and most deserving and promising student	Dattatraya Krishna Shenolikar Scholarship
21	Sayali Bahirat (XI G)	Best Student Jr. Wing	Late Jyotsna Godbole Prize
		Best student Trophy, Memento	
22	Shaheen Miya (T.Y.B.Sc.Comp. Sci.)	Best student Sr. Wing	Staff Fund Prize Veer Savarkar Prize Damodar shield, Memento
23	Ishita Gadgil (M.A. -I English)	Best student Post Graduate Section	Late Prof. G. M. Bansode Trophy Memento

-Prof. Madhuri Ghanekar
Chairperson

अभिव्यक्ती

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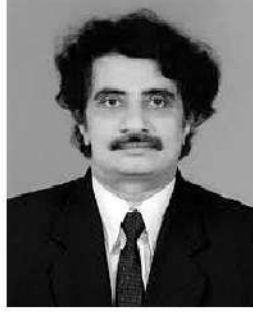
प्रा. सी. जी. कुलकर्णी - हवा हवासा प्राध्यापक

प्रा. प्रकाश गजानन दीक्षित (उपप्राचार्य)

दिवाळीच्या दरम्यान वॉटसॅपवरून सी. जी. सर गेल्याची बातमी भिरभिरत होती. अनेक प्रतिक्रिया, भावना पोस्ट केल्या जात होत्या. मी एकदम सुन्न झालो. विश्वास बसेना म्हणून अन्य एक दोन सहकाऱ्यांना फोन करून या बातमीची सत्यता पडताळून पाहिली. काही महिन्यांपूर्वीच मी व चिरपुटकरसर सी.जी.ंना भेटलो होतो. दिलखुलास गप्पा झाल्या. सी. जी. सरांच्या आजारपणावर उपचार याबाबत त्यांना अनाहुत सल्ला दिला. पैलतीरी जाण्याची भाषा त्यांच्यासारख्या दुर्दम्य आशावादी व्यक्तिस न शोभणारी होती.

मी १९७९ साली मॉडर्न महाविद्यालयात रुजू झाल्यापासूनच्या आठवणींचा विस्तीर्ण पट माझ्यासमोर आला. T.Y..B.Sc. (Statistics) चा वर्ग नुकताच सुरू झाल्याने माझी नेमणूक झाली होती. आम्ही दोघेही त्या वर्गास शिकवीत होतो. विद्यार्थी सी. जी. सरांवर बेहद खूष होते. ते शिकवीत असणाऱ्या Mathematical Methods या पेपरमध्ये आम्हाला उत्तम यश मिळणार असे विद्यार्थी खात्रीपूर्वक बोलत असत. या माणसाकडे अशी काय जादू की मोहिनी आहे, त्यामुळे एवढे विद्यार्थी खूष आहेत ही जिज्ञासा मला वाटू लागली. अनेकवेळा सी. जी. सरांशी गप्पा मारण्याचा योग आला. त्यांच्या विद्यार्थीप्रिय व्यक्तिमत्त्वाचे पैलू उलगडत गेले. विषय सोपा करण्याची शैली त्यांना लाभली होती. तपशीलवार नोट्स ते स्वतः फळ्यावर लिहून देत असत. सोपीसोपी उदाहरणे तयार करून ते सोडवून देत त्यामुळे विद्यार्थ्यांना विषयाची भीती वाटत नसे. जास्तीत जास्त उदाहरणे सोडवून देणे, जुन्या प्रश्नपत्रिकांचा, प्रश्नमंजुषेचा आधार घेणे, अन्य महाविद्यालयात कोणती उदाहरणे घेतली जातात हे जाणून घेणे, त्यामुळे परीक्षेत विचारली जाणारी उदाहरणे मुलांना अपरिचित, अनपेक्षित वाटत नसत. मुलांशी मैत्रीचे संबंध ठेवूनही काही अंतर ते जरूर ठेवत. त्याचोर्गे मुलांमधील आपला आदर राखला जात असे. माझ्यासारख्या नवीन प्राध्यापकास त्यांनी अनेक गोष्टी सांगितल्या, शिकविल्या. ते सांगत की आपण शिकवीत असलेल्या विषयाची तयारी दोन प्रकारे करावी. पहिला प्रकार म्हणजे साधारण महिनाभराची ढोबळ तयारी व दुसरा प्रकार म्हणजे दररोजची कसून तयारी.

परीक्षेच्या कामाबाबत नेटकपेणा कसा असावा याबाबतही त्यांनी मार्गदर्शन केले. परीक्षेपूर्वी किमान अर्धातास आपण हजर राहावे. कॉपी करणारे विद्यार्थी कसे हेरावेत. उत्तरपत्रिकेवर सुपरवायझर



म्हणून सही करण्याअगोदर विद्यार्थ्यांनी त्याचा आसनक्रमांक इत्यादी मजकूर बरोबर लिहिला आहे का ते तपासावे. त्याच्याकडे योग्य ते हॉल तिकीट, ओळखपत्र आहे का हे पाहावे. त्या विद्यार्थ्यांची ओळख पटवून घ्यावी. वॉर्निंग बेलनंतर हजर विद्यार्थी व उत्तरपत्रिकांची संख्या यांचा मेळ लागतो का ते पाहावे, त्याशिवाय कोणालाही वर्गाबाहेर जाऊ देऊ नये, हे त्यांनी आवर्जून सांगितले.

एकदा सी. जी. सरांनी सेट केलेला पेपरच्या उत्तरपत्रिका मला तपासायला दिल्या. त्याबरोबर त्यांनी मॉडेल आन्सर्सपण दिले. ते खरोखरीच आदर्श स्वरूपाचे होते. त्यामध्ये २० पानी मजकूर पाहिले व शेवटचे पान जाड कार्डबोर्ड होते. अशी पुस्तिकाच होती. त्यामधील पहिली दोन पाने पेपरतपासणीसंबंधीची (एच.एस.सी. बोर्डाच्या धर्तीवर) नियमावली होती. सर्व बारीकसारीक व तपशीलवार सूचना होत्या. उदाहरणार्थ, उत्तरपत्रिकेत मजकुरात आपण कोणत्याही खुणा करू नयेत. अन्य काही लिहू नये. खुणा समासातच कराव्यात. स्टेंसप्रमाणे समासातच गुण द्यावेत. सर्व उपप्रश्नांची बेरीज सर्वप्रथम जेथे प्रश्नाचे उत्तर सुरू झाले आहे. तेथे त्रिकोण करून त्यामध्ये लिहावी. गोल करून त्यात मार्क्स लिहू नयेत. कारण गोलात लिहिलेले मार्क्स हे बेरजेचे गृहीत धरू नयेत हा संकेत आहे. तसेच एक प्रश्न अनेकवेळा, अनेक ठिकाणी सोडविल्यास काय करावे या सूचना दिलेल्या होत्या. अशा सर्व सूचना तपशीलवार, कारणांसह एकाच वेळी समजणे मला फार महत्त्वाचे वाटले. मॉडेल आन्सर्समधील सर्व आकृती पेन्सिलने आखीव-रेखीव स्केलप्रमाणे काढलेल्या होत्या. सर्व वर्तुळे कंपासने काढलेली होती. सर्व रेषा पट्टीने आखलेल्या होत्या. आलेख, ग्राफ पेपरवरच होते. सर्व व्याख्या जशा विद्यार्थ्यांकडून अपेक्षित आहेत तशा होत्या. जी उदाहरणे अनेक पद्धतीने सोडविणे शक्य आहेत त्या सर्व पद्धतींचा समावेश होता. असा पुस्तकरूपी मॉडेल आन्सर पेपर मी खूप दिवस जपून संग्रही ठेवला होता.

सी. जी. सरांनी अनेक समित्यांमध्ये काम केले. प्रत्येक कामावर त्यांनी आपला ठसा उमटवला. टाईमटेबल समिती, परीक्षा समिती, स्नेहसंमेलन समिती ही कामे नेटकेपणाने केली. शास्त्र संघटनेचे अध्यक्ष म्हणून काम करताना ते वर्गावर्गात जाऊन मुलांशी बोलत व कामाचे स्वरूप समजावून सांगत. विज्ञान कथा रंजकपद्धतीने

कशा लिहाव्यात हे सोदाहरण सांगत असत. मुलांना लिहिण्यासाठी उद्युक्त करीत असत. प्रदर्शनात कोणते प्रयोग व कसे मांडावेत याची माहिती देत व मार्गदर्शन करीत असत. ते सांगत असत की, एखादा कार्यक्रम करणे म्हणजे गणित सोडविण्यासारखेच आहे. गणित सोडविताना आपण प्रथम दिलेल्या गोष्टी जाणून घेतो; नंतर काढायच्या (किंवा मिळविण्याच्या) गोष्टी कोणत्या हे जाणून घेतो. हा प्रवास कमीत कमी वेळीत व श्रमात कसा होईल ते ठरवितो. कार्यक्रमातही दिलेली साधनसामग्री व अपेक्षित यश याचा उत्तम समन्वय घडविणे हे समितीचे काम असते.

विद्यार्थ्यांना समुपदेशन करण्यात तर त्यांचा हातखंडा होता. समस्या घेऊन जाणारा विद्यार्थी सी. जी. सरांचा सल्ला ऐकून मंत्रमुग्ध होई. अभ्यास कसा करावा याचे मार्गदर्शन ते खासच करीत. अशी अनेक कौशल्ये सरांकडे होती.

सी. जी. सरांनी, चिरपुटकरसर व केळकर सरांबरोबर जी पुस्तके लिहिली त्याला तोड नाही. अतिशय सहजसुलभ पद्धतीने गणित विषयावरील पुस्तके लिहून अनेक विद्यार्थ्यांना शत्रू वाटणारा गणित विषय सोपा करून दिला. हे एक समाजकार्यच म्हणावे लागेल.

काहीवेळा सर एखाद्या हुषार विद्यार्थ्याचा पेपर मला तपासायला देत व सांगत की १०० गुण मिळण्याच्या दृष्टीने त्यात सुधारणा

सांगा. मी नोकरीत रुजू झाल्यानंतर एका सहकारी प्राध्यापकास दीर्घकालीन रजेवर जावे लागले. मी थोडा चिंतेत होतो त्यांचा कार्यभार कोण घेणार. सी. जी. सरांनी मला ज्या प्राध्यापकाचा काही कार्यभार मी घेणे कसे फायदेशीर आहे हे समजावून सांगितले. त्यांनी दाखविलेला विश्वास ही जमेची बाजू होती. माझ्यामधला आत्मविश्वास वाढीस लागणारी ती घटना होती. नव्यानेच नोकरीत लागल्यानंतर टी.वाय.बी.एस्सी.चे तीन पेपर शिकविणे तसे मला आव्हानात्मक होते. ते मी व्यवस्थित पार पाडले ते प्रा. चिरपुटकर व प्रा. सी. जी. कुलकर्णी यांच्यामुळेच.

मुलांना मातृभाषेत शिक्षण मिळाले पाहिजे असे त्यांचे मत होते. सर आध्यात्मिक वृत्तीचे पण कर्मकांडांपासून अलिप्त राहणारे होते. कठोर परिश्रमाने त्यांनी सर्व प्रतिकूल गोष्टींवर मात केली. अत्यंत हलाखीच्या परिस्थितीत शिक्षण घेऊनही उत्तम यश संपादन केले. कोणाबद्दलही त्यांनी कधी कटुता व्यक्त केली नाही.

एक उत्तम विद्यार्थीप्रिय प्राध्यापक, तळमळीचा व सेवाभावी वृत्तीने काम करणारा हाडाचा शिक्षक सहकारी आपणातून कायमचा जाणे ही खूप मोठी हानी आहे. मनाला चटका लावून जाणारी दुर्घटना आहे; परंतु अनेक विद्यार्थ्यांच्या व सहकाऱ्यांच्या मनात त्यांचे वास्तव्य चिरकाल असेल.

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अशी होती त्या नटसम्राटाची कहाणी

नाव कमवण्यासाठी काही झगड करायं
म्हणता म्हणता सगळं आयुष्य पणालाच लावायं
अशी होती त्या नटसम्राटाची कहाणी
शब्द नव्हे ते होते सक्ता जीवचे फाटलले बोल
कधी तरी मिळेल का त्या शब्दांना बोल
आयुष्य खर्च करूनही सर्व पणाला लावणारे
आश्वासन आ वासून काहीतरी पाहणारे
अशी होती त्या नटसम्राटाची कहाणी
आयुष्यामधील सोबती दूर निघून गेले
सकट्याने मनाला कितीदा सावरले
वाच्यावरतीही नाव कोरले
तरीही कुणी ना धरले
अशी होती त्या नटसम्राटाची कहाणी
जरा विचित्र, जरा कडू, कधी कधी हासू आवरू
बोलतानाही अश्रु दडवू, आत्मविश्वास मात्र थोडा वाढवू
अशी होती त्या नटसम्राटाची कहाणी
आज ना काल कधी पाहिलेली,

जीवनाचा कसला तरी अर्थ शोधणाऱ्या
गरिबालाही बोलकं करणाऱ्या
अशी होती त्या नटसम्राटाची कहाणी
लिखाण सगळ्यांनी केले, काही मोठे झाले
काही वाहत गेले
पण नटसम्राट होऊनही काही आत्मा तळपूनच भेले
अशी होती त्या नटसम्राटाची कहाणी
शब्द अपुरे पडतील,
हे सांगतानाही बरेचजण रुडतील
कधी काही उगाच काढतील,
अशी होती त्या नटसम्राटाची कहाणी
असा होता तो नटसम्राट, अशी होती त्याची कहाणी
आगीत भस्म झाले, तरीही स्वतःला सावरले
आठवणींनी पुन्हा न्हाले, आवर घालता डोळेही पाणावले
असा होता तो नटसम्राट,
अशी होती कहाणी
ज्याने मुले होती शहाणी

- पल्लवी अनिल साकोरे (१२वी विज्ञान)

डॉ. बाबासाहेब आंबेडकरांचे अध्ययन कौशल्य

प्रा. डॉ. विलास कांबळे (भूगोल विभाग)

महामानव डॉ. बाबासाहेब आंबेडकर यांच्या १२५ व्या जयंतीनिमित्त खास लेख...

जाति न पूछो साधू की, पूछ लीजिए ग्यान ।
मोल करो तलवार का पड़ा रहन दो म्यान ।।

- संत कबीर

प्रज्ञासूर्य, डॉ. बाबासाहेब आंबेडकर यांनी संत कबीरांचे ज्ञानरूपी कार्य, भगवान बुद्धांचे धार्मिक कार्य, छत्रपती शिवाजी महाराजांचे राज्यकारभाराचे कार्य व महात्मा ज्योतिबा फुलेंचे समाजसेवेचे अभूतपूर्व कार्य एकाच हयातीत / जन्मात पूर्ण केले.

आपले संपूर्ण जीवन असृश्यता निवारण्यासाठी व्यतित करणाऱ्या क्रांतिसूर्य महात्मा फुलेंचा मृत्यू २८ नोव्हेंबर १९८६ रोजी झाला. त्यानंतर बरोबर १३७ दिवस पृथ्वीवर अंधारयुग प्रगटले, पण त्यानंतर १४ एप्रिल

१८९१ रोजी दुसऱ्या सूर्याचा उदय झाला. पृथ्वीवर एकच सूर्य आहे हे वैज्ञानिक सत्य नाकारता येत नाही. एक सूर्य अस्तास गेल्यावर काही काळांतरात दुसरा सूर्य उगवतो.

डॉ. बाबासाहेबांनी आपले तीन गुरू मानले, बुद्ध, फुले, शाहू. बाबासाहेब ज्या जातीत जन्मास आले त्याचा व या दैवतांचा कोणताही संबंध नव्हता. त्यांनी केवळ कर्तृत्वास सलाम केला.

१४ एप्रिल १८९१ नंतर केवळ ५ वर्षांनी १६ जानेवारी १८९६ रोजी माता भीमाईचा मृत्यू झाला. या महापुरुषावर आलेले पहिले महाभयंकर संकट. एक मातेसारखा गुरू कायमचा पडद्याआड झाला. उगवत्या सूर्यावरील ग्रहणाचं काळकुट्ट सावट पडलं, पण वडील सुभेदार रामजींनी हे आव्हान पेलले. आनंदराव व भीमराव या दोन सुपुत्रांना १९०२ साली प्राथमिक शिक्षण सातान्यात दिले. १९०४ मध्ये सुभेदार रामजी मुंबईकडे स्थलांतरित झाले. त्यांनी लोअर परळ येथे डबक चाळीत खोली घेतली. आनंदराव अभ्यासात मध्यम होते; परंतु भीमराव अत्यंत हुशार होते. दोघांनाही त्यांनी प्रथम मराठा हायस्कूल मध्ये प्रवेश घेतला. परंतु बाबासाहेबांचा अभ्यासाचा आवाका व कौशल्य पाहता सुभेदारांनी एल्फिन्स्टन हायस्कूलमध्ये प्रवेश घेतला. १९०७ साली बाबासाहेब मॅट्रिक झाले.

१९१३ साली एल्फिन्स्टन कॉलेज येथून बी.ए. पदवी प्राप्त केली. बी.ए.चे विषय इतिहास, मानवसंश्लेष, टीकाशास्त्र व अर्थशास्त्र हे होते.

विविध विषयांचे अध्ययन व चिकित्सक मूल्यमापन कौशल्य

बाबासाहेबांनी बी.ए. पर्यंतच आत्मसात केल्याचे स्पष्ट होते. अध्ययनाचे अथक व सातत्यपूर्वक कार्य चालू ठेवत मानवी आयुष्यातील कोणतेच क्षेत्र-विषय-ज्ञान त्यांनी बाकी ठेवले नाही. अध्ययनातून जगातील सर्वच पदव्या त्यांनी घेतल्या.

२ जून १९१५ - एम.ए. अर्थशास्त्र हे पदव्युत्तर शिक्षण पूर्ण केले.

विशेष शोधनिबंध / लघुप्रबंध

हा 'प्राचीन भारतीय व्यापार' या विषयावर लिहिला व कोलंबिया येथे सर्वासमोर विद्यापीठात सादर केला.

१९१७ पीएच.डी. विषय - भारताचा राष्ट्रीय लाभांश : ऐतिहासिक व विश्लेषणात्मक अध्ययन' हा प्रबंध जगभर गाजला.

(The National dividend of India: A historical & analytical study) १९२५ मध्ये हा प्रबंध P.S. King & Company London यांनी प्रसिद्ध केला. हा त्यांच्या अध्ययनाचा सन्मान मानला जातो. नंतर एम.एस्सी. अर्थशास्त्र-लंडन विद्यापीठ, LL.D, D.Lit. Bar at Law अशा अनेक पदव्या ज्ञानाची सर्वोच्च शिखरे अल्प कालावधीत प्राप्त केली. सचोटी, जिद्द, चिकाटीबरोबर अठरा-अठरा तास ग्रंथालयांमध्ये सतत अध्ययन, अभ्यास, चिकित्सा करत असत.

५ जून १९५२ न्यूयॉर्क येथे कोलंबिया विद्यापीठाने LL.D पदवी देऊन सन्मानित केले व १२ जानेवारी १९५३ रोजी हैदराबाद येथील उस्मानिया विद्यापीठाने D.Lit. ही मानद पदवी प्रदान केली. या दोन मानद पदव्यांशिवाय जितक्या पदव्या प्राप्त केल्या त्याकरिता त्यांना खडतर तपश्चर्या व समस्यांना सामोरे जात प्राप्त कराव्या लागल्या.



अध्ययन करत असताना बाबासाहेबांनी अनेक भाषा आत्मसात करून त्यावर प्रभुत्व मिळवले. जर्मनीमधील बॉन विद्यापीठातून पीएच.डी. पदवी मिळविण्याचा बाबासाहेबांचा निर्णय झाला; परंतु प्रबंध जर्मन भाषेतूनच लिहिणे व सादर करणे अनिवार्य होते. म्हणून सलग १७ महिने जर्मन शिकून त्यावर त्यांनी प्रभुत्व मिळविले. बाबासाहेबांनी मराठी, इंग्रजी, गुजराती, हिंदी, संस्कृत, पर्शियन, जर्मन व फ्रेंच या भाषा आत्मसात केल्या होत्या.

जगात विद्वान अनेक आहेत, पण विद्वतेचा समाजासाठी उपयोग करणारा माझ्या मते बाबासाहेब हे एकमेव होते. त्यांनी हिंदू धर्माचे अध्ययन अत्यंत सखोल केले याबरोबरच इस्लाम, ख्रिश्चन, बुद्ध या धर्मांचे सखोल अध्ययन केले व त्यातूनच त्यांनी सर्वसामान्यांना जगण्याचा सुखकर मार्ग मांडला.

अध्ययन / अभ्यास व ज्ञानप्राप्तीचा भारतीयांना आजपर्यंत फायदा होत आहे, तो राज्यघटनेतून, हे सर्व जग जाणते. घटना निर्मितीच्या प्रक्रियेतून हे स्पष्ट होते.

घटनासमितीचे कामकाज प्रथम १.१२.१९४६ रोजी सुरू झाले. १७/१२/१९४६ रोजी घटना समितीसमोर बाबासाहेबांनी अभ्यासपूर्ण भाषण केले. विषय होता अखंड हिंदुस्थानची घोषणा. सर्व श्रोते मंत्रमुग्ध झाले व बाबासाहेबांचे ज्ञान प्रकट करण्याचे तंत्र अफाट आहे हे सर्वमान्य झाले. २९ ऑगस्ट १९४७ मसूदा समितीची स्थापना झाली व बाबासाहेब अध्यक्ष झाले. प्रथम या समितीत नऊ सदस्य होते. सर्वांनी आपण सदस्य असून कार्यरत कसे राहू शकत नाही याची कारणे सांगितली. तात्पर्य महत्त्वाचे आहे ते म्हणजे संपूर्ण मसूदा बनविण्याची जबाबदारी एकट्या बाबासाहेबांवर आली.

१/१२/४६ रोजी समितीची स्थापना झाली तरी प्रत्यक्ष कामकाज ८ महिन्यांनी सुरू झाले. हे कामकाज २५/११/१९४९ पर्यंत म्हणजे २ वर्षे ११ महिने व १८ दिवस चालले. यात प्रत्येक परिशिष्ट, कलम, उपकलम अंतिम करताना मतदान, चर्चा होत असत व नंतर अंतिम मांडणी होत असे.

घटना निर्मितीत असंख्य क्लिष्ट व बौद्धिक प्रक्रिया होत्या त्या बाबासाहेबांनी लिलया पेलल्या. घटनेतील कलमे-अनुसूची कलमांचा अर्थ - शब्दांचा बोध व परिणाम-संदर्भ-तुलना-उपसूचना या सर्व क्रियांमध्ये बाबासाहेबांच्या ज्ञानाचे बारकावे आपणास दिसून येतात. हे सर्व करण्यासाठी बाबासाहेबांनी ८ राष्ट्रांच्या राज्यघटनांचा अभ्यास कोळून प्यायलेला आढळतो. त्याच्या ज्ञानाची झलक पुढील दोन-तीन उदाहरणांवरून दिसते.

भारतीय इतिहास, संस्कृती, परंपरा, प्रथा जपण्यासाठी त्यांनी चलन, नाणे, राष्ट्रध्वज, राजचिन्ह, बोधचिन्ह यांची अचूक निवड

केली हे सर्व त्यांच्या ज्ञानाचे भारतास मिळालेले सत्व आहे आणि हे निर्विवाद सत्य आहे पुढे पाहा.

राज्यघटनेचा सरनामा बनविताना प्रत्येक शब्द-संकल्पना विश्लेषणासह बाबासाहेबांनी कसा सुचविला व अंतिम करून घेतला याची काही उदाहरणे. एक: 'बंधुभाव' हा शब्द सरनाम्यात घेताना ७१ जणांनी विरोध केला त्यात पं. नेहरू, राजेंद्र प्रसाद व वल्लभाईचाही समावेश होता, परंतु सलग तीन दिवस प्रश्नोत्तरे अन्वयार्थानंतर अखेर या शब्दाचा समावेश झाला. दोन : आर्टिकलमध्ये Federation ऐवजी Union हा शब्द बाबासाहेबांनी अंतिम केला. Federation हा शब्द पं. नेहरूंनी सुचविला होता. घटनासमितीतील सर्वांना मान्य, फक्त बाबासाहेबांचा विरोध होता. त्या विरोधाचा युक्तिवाद मांडताना बाबा म्हणतात. कॅनडा हा देश अनेक राज्य

एकत्र येऊन तयार झालेले राष्ट्र आहे. त्यांनी त्यांच्या घटनेत Federation हा शब्द वापरला आहे. या Federation मधून कोणत्याही राज्यास केव्हाही बाहेर पडण्याचा अधिकार असतो. भारत देश सुद्धा अनेक राज्यांचा संघ आहे. तो एकसंघ राष्ट्र म्हणून टिकवायचे असेल, तर Federation ऐवजी Union हाच शब्द पाहिजे. शेवटी अंतिम स्वरूपात बाबाच जिंकले. तीन : सरनाम्यात Independent ऐवजी Democratic शब्दाचा समावेश अनेक युक्तिवादांनी

बाबासाहेबांनीच केला. चार : Status of Minority सुचविताना १५ मूलभूत अधिकार स्वतंत्रपणे समाविष्ट करण्यात बाबांना यश आले. भारतीय राज्यघटनेच्या मसूद्यास अंतिम रूप देण्याचे काम पूर्ण झाल्यावर एकूण ८४ विद्वांनांनी मते मांडली यात २५.११.४९ रोजी आपले मत मांडताना महावीर त्यागी म्हणतात. "गेली ३० वर्षे आपण जे आयुष्य भोगले, वेचले, आखले त्या श्रमाचे चित्र आमच्यासमोर या घटनेच्या व घटनाकाराच्या रूपाने दिसत आहे. या पवित्र ग्रंथाचे चित्रकार डॉ. बाबासाहेब आहेत. त्यांनी आपला स्वयं कुंचला बाजूस ठेऊन या चित्रात 'लोकशाहीरूपी आचरणधर्म' मांडला आहे. याचा अखंड भारतास अभिमान आहे व असेल." यावरून आपणास बाबासाहेबांच्या ज्ञान-अध्ययन विषयक अंदाज येतो.

संस्कृत काव्यशास्त्रात नायकाचे चार प्रकार आहेत. १. धीरोदात्त नायक, २. धीरललित नायक, ३. धीर प्रशांत नायक व ४. धीरोद्धत नायक. बाबासाहेब या चारही नायकांचे सम्यक प्रतिनिधी आहेत, हे विश्वमर मान्य आहे. तात्पर्य, निःस्वार्थ, लोकहित, लोककल्याण, धीर व धैर्य या बळावर जीवन समिर्पत करणारा हा महानायक आहे.

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मध्ययुग ते विज्ञान, तंत्रज्ञान युग - अनुवाद काळाची गरज

प्रा. निशा भंडारे (मराठी विभाग)

मध्ययुगापासून ब्रिटिश कालखंड, स्वातंत्र्य ते एकविसावे शतक, विज्ञानयुग या प्रत्येक टप्प्यावर अनेक स्थित्यंतरे झाली. निरनिराळ्या विद्याशाखांमधील ज्ञान वेगाने वाढत गेले. आज जग अगदी जवळ आले त्यामुळे केवळ आपल्या भाषेतील ज्ञानावर, साहित्यावर निर्वाह करता येणार नाही. इतर भाषांवर अवलंबून राहणे भाग पडते. इतर भाषेतील चांगली पुस्तके आपल्याला कळावीत त्यातील आशय, बदलती सामाजिक, राजकीय, सांस्कृतिक स्थित्यंतरे, त्याचा मानवी जीवनावर होणारा बदल समजण्यास सोपे जावे म्हणून अनुवादित साहित्याचा अभ्यास केला जातो. अनुवादकाला यासाठी आर्थिक फायदाही होतो. जागतिकीकरणामुळे अभ्यासकाला प्रसिद्धीपण मिळते. कन्नड, तेलगू, बंगाली, हिंदी, इंग्रजी, भाषेतील उत्तमोत्तम साहित्य मराठीत अनुवादित होताना दिसते व मराठी दलित साहित्याला जागतिक स्तरावर अनुवादामुळे महत्वाचे स्थान मिळालेले दिसते. यात नामदेव ढसाळ, आनंद यादव, शरणकुमार लिंबाळे अशा अनेक साहित्यिकांचे साहित्य तेलगू, कन्नड, तामिळ, इंग्रजी भाषेत अनुवादित झालेले दिसते. याआधी आपण मध्ययुगीन कालखंडाचा विचार केला तर त्या काळातही संस्कृतमधील पौराणिक ग्रंथ प्राकृत मराठीत अनुवादित झालेला दिसतो. म्हणजे ही अनुवादाची पूर्वपीठिका संस्कृतप्राकृत-मराठी अशी म्हणता येईल.

अनुवादासाठी महत्वाच्या पायऱ्या सर्वांना ज्ञात असल्या लागतात. ज्या साहित्याचा अनुवाद करावयाचा आहे ती भाषा व ज्या भाषेत करावयाचा आहे ती भाषा याची लागते त्याच बरोबर त्या पुस्तकातील आशयानुसार वातावरण, संस्कृती, व्याकरण, सण-उत्सव, चालीरीती या सगळ्यांचे ज्ञान असणे आवश्यक आहे. अनुकूल आणि प्रतिकूल परिस्थितीचे भान महत्वाचे आहे. संदर्भानुसार आकलन महत्वाचे असते. साहित्यकृतीच्या आंतररचनेचा अभ्यास करताना तिच्या घटकांचे विश्लेषण करावे लागते व बाह्य संदर्भ यांचे नाते शोधण्याची गरज असते. साहित्यकृतीचे वाचन, आकलन व आस्वाद घेतानाही अनुवादकाचे मन गढलेले असते. जुन्या आणि नव्या मूल्यांची पडताळणी करायची व तिचा दर्जा ठरवून सरसनीरसता ठरवावी लागते.

अनुवाद ही एक आंतरभाषिक आणि आंतरसांस्कृतिक वाङ्मयीन घटना असते. साहित्याच्या अभ्यासाबरोबर भाषांतर-विज्ञानाचाही उदय झाला. तेव्हा एखाद्या चिन्हशास्त्रीय पातळीवरून साहित्यकृती दुसऱ्या चिन्हशास्त्रीय पातळीवर जाते तेव्हा अनुवाद अस्तित्वात येतो. या संक्रमणामागे सममूल्यतेचे तत्त्व असते. साहित्यकृती कधी एका काळातील भाषिक रूपाने त्याच भाषेच्या दुसऱ्या कालिक

रूपात आणली जाते. जसे गो. वि. करंदीकर ज्ञानदेवांच्या 'अमृतानुभवा'चे अर्वाचीनीकरण करतात. एका भाषेतून साहित्यकृती दुसऱ्या भाषेत जाते. जसे वामनपंडित संस्कृत गीता समश्लोकीच्या रूपाने मराठीत आणतात. अनुवादाचा हा प्रचलित आणि बहुरूढ प्रकार आहे. कधी साहित्यकृती भाषा माध्यमातून दुसऱ्या कलामाध्यमातून आणली जाते. 'महाभारत'सारखे आर्षकाव्य, नृत्य, चित्र, संगीत, शिल्प अशा विविध कलारूपातून आविष्कृत झालेले आहे. अनुवादाचे असे विविध प्रकार आहेत मूळ कृतीवर भाषांतर, अनुवाद, रूपांतर, संक्षेपीकरण, अर्वाचीनीकरण कलांतर अशा वेगवेगळ्या प्रकाराने झालेल्या संस्करणांचा येथे विचार करता येतो.

एकूण वाङ्मयव्यवस्था आणि अनुवाद वाङ्मयाची उपव्यवस्था यांचे संबंध स्थिर नसतात ते सतत बदलत असतात. अनुवादाचे प्रमाण खूप असेल किंवा कमी असेल तीही एकूण वाङ्मय व्यवस्था क्षीणबल ठरते. अनुवादाच्या उपव्यवस्थेचे एकूण वाङ्मयाच्या व्यवस्थेवर कोणते परिणाम झाले, त्यांचे संबंध कसे बदलत गेले याचा विचार वाङ्मयेतिहासात करावा लागतो.

साहित्यकृती जेव्हा भाषांतरित होते तेव्हा ती वेगळी भाषा, वेगळी संस्कृती, वेगळा काळ आणि वेगळे वाचक यांच्याशी सामोरी साधते. वाचक प्रतिसाद सिद्धांत, तौलनिक साहित्य यात प्रभावाचा विचार केला जातो तेव्हा अनुवाद प्रक्रिया लक्षात घ्यावी लागतात. निरनिराळ्या भाषा देश आणि संस्कृती यावरील साहित्यकृतीच्या प्रभावाची वाट अनुवादाच्या वाहिनीतून जाते. एक लेखक जेव्हा एका भाषेतून दुसऱ्या भाषेत जातो तेव्हा त्याला कोणत्या प्रकारचा प्रतिसाद मिळतो, त्याचा कितपत प्रभाव पडतो, त्याचे कसे स्वागत होते, अनुकरण कसे केले जाते याची तपासणी करणे, अशावेळी भाषांतरकार लेखकाचे भाग ठरविताना दिसतात. अनुवाद मूळ लेखनाला नवे जीवन देतात. वाङ्मय आणि संस्कृती यातील परिवर्तनाला आणि प्रबोधनाला अनुवादामुळे चालना मिळते. संस्कृत रामायण-महाभारताच्या देशी भारतीय भाषांमधील रूपांतरांनी आपल्या विविध प्रादेशिक, संस्कृतीचे भरणपोषण केले. साहित्य निर्मितीला चालना दिली, मूल्यव्यूह दिला, जीवनदृष्टी दिली. अनुवादाचा असा प्रभाव दिसतो. आशयसूत्रांमध्ये विविध अर्थ व्यक्त करण्याची क्षमता सुप्त रूपात असते. वेगवेगळ्या कालखंडातील वेगवेगळ्या देश भाषेतील लेखकांच्या लेखानातून आशयसूत्रे बदलल्या रूपात आविष्कृत होतात. त्यामुळे त्यांच्या भिन्न देशीय, भिन्न भाषिक आविष्कारांच्या तुलनेतून त्या त्या आशयसूत्राची जडण-वडण न्याहाळता येते. एखादे आशयसूत्र भिन्न देशकाल भाषेत कसकसे आविष्कृत

झाले. त्याच्या नोंदी करणे आवश्यक असते. पण तेवढेच पुरेसे नसते. संस्कृतीने पुरविलेल्या आशयसूत्रावर लेखकाची कल्पनाप्रतिभा कोणती प्रक्रिया करते त्या आशयसूत्राचा तपशील कसा जुळविते त्यात नवा अर्थ आणि नवी मूल्ये यांचा प्राण कसा भरते ते शोधावे लागते. प्रतिभावंताची कुवत, त्यांची दृष्टी, त्याच्या काळाचे पर्यावरण या सगळ्याचा बोध होतो. परंपरेचे नवे भान येते आणि प्रतिभावंतांचे स्थानांकन करता येते.

मराठी आणि महाराष्ट्र यांना भारताशी जोडणारा एक धागा सूफी संतांचाही आहे. एकनाथांची गुरुपरंपरा सूफी संतांशी भिडवण्याचा प्रयत्न झालेला आहे. इ.स १७४० मध्ये शाह तुराब या सूफी संतांनी 'मन समझावन' या नावाने रामदासांच्या 'मनाच्या श्लोकाचे' भाषांतर केले होते. सूफी साधूंनी भारतीय भाषांमधून साहित्यनिर्मिती केली. या उपक्रमाला प्रारंभ महाराष्ट्रातच झाला. सूफींनी फार्सी लिपीतून देखनी भाषेत साहित्य निर्मिती केली. उत्तरेतल्या सूफींनी अवधीतून लिहिले. सूफींच्या लिखाणात उर्दुसारखे परकेपण नाही त्यांच्या लेखनात संस्कृतीचे भान आहे.

“संस्कृतच्या दुर्गम दरडीतून वाहणाऱ्या गीतारूपीज्ञान वाहिनीला मी मराठी शब्द पायऱ्यांचे घाट बांधीत आहे”, अशी ज्ञानदेवांची भूमिका होती. “अबला न कळे संस्कृत वाणी” अशी अडचण जाणून मराठी प्रतिभावंतांनी संस्कृत धर्मसंबद्ध ग्रंथ मराठीत आणला.

संस्कृतमधील वेद, उपनिषदे, दर्शनशास्त्रे, सूत्रवाङ्मय, भाष्यग्रंथ, नारद व शांडिल्य यांची भक्तिसूत्रे, गीता, भागवत योगवसिष्ठ यातील तत्त्वविचारांच्या आधारेनेच नाथ, महानुभाव, वारकरी, दत्त, रामदासी संत, धर्मसंप्रदायातील संतांचे तत्त्वप्रधान वाङ्मय जन्माला आले.

मराठी पंडिती कविता “नानाटाकभावपधरचना” संदोहसान्दीकृता आहे म्हणजे तिच्यावर संस्कृत अभिजात काव्यनाटकांचा मोठा प्रभाव आहे. कालिदासाचे ‘कुमारसंभव’, रघुवंश’, विक्रमोर्वशीय भारवीचे “कीरातार्जुनीय”, माघाचा “शिशुपालवध”, श्रीहर्षाचे “नैषधीयचरित”, मुरारीचे ‘अनर्घराघव जयदेवाचे “प्रसन्नराघव”, भवभूतीचे “महावीरचरित”, बाणभट्टाची “कादंबरी”, भर्तृहरिचा शृंगार-तीती-वैरग्य’ अशी त्रिशतके, जगन्नाथाचे “भामिनीविलास”, अशा अभिजात वळणाच्या संस्कृत काव्यनाटकांचे साद-पडसाद मराठी कवींच्या रचनांमध्ये आढळतात. त्यातील कथानकाचा तपशील, अलंकारिक कल्पनाविलास आणि तांत्रिक अभिव्यक्तीविशेष यांचा कौशल्यपूर्ण वापर मराठी कवींनी केलेला आहे. संस्कृतची श्रेष्ठता ते जाणून होते. पण तिच्या तोडीस तोड मराठीला उभे करण्याची जिद्दही बाळगून होते. त्यातून मराठी कवितेचा हा संस्कृत अवतार पंडिती कवितेच्या रूपाने मिरवताना दिसतो. संस्कृत ग्रंथाचा काळ आणि त्यांच्या मराठी अवतरणांचा काळ यामध्ये अनेक शतकांचे अंतर होते. या दीर्घकाळात समाजजीवनात वेगवेगळे पालट झाले. जीवनमूल्य आणि अध्यात्ममूल्ये यांचा गौणप्रधानभाव बदलला.

भक्तीसारख्या मूल्यांना केंद्रीय जीवननिष्ठांचे स्वरूप आले. समकालीन जीवनाचे वास्तव आणि स्वप्न यांचे रंग त्यात उमटले. मराठी कवींना संस्कृत ग्रंथाप्रमाणे त्यांच्या मराठीकरणाची परंपरा लक्षात घ्यावी लागली. आपल्या समोरच्या श्रोत्यांच्या मानसिकतेची देखल घेणे त्यांना भाग होते. याशिवाय ज्या त्या कवींच्या व्यक्तिगत प्रतिभेचा वकूब आणि त्यांची उद्दिष्टे यानुसार त्यांच्या ग्रंथाचा थाट वाढला. संस्कृत ग्रंथ आणि त्यांचे मराठी अवतार यांच्यामध्ये असे वेगळेपण आले. अनुवादाच्या माध्यमातून हे शक्य झालेले दिसते.

एकूण, प्रबोधन कालखंड व छपाईयंत्राचा शोध लागल्यापासून साहित्याला दिशा मिळाली व हळूहळू युरोपातून सारे जगभर साहित्यनिर्मिती व भाषांतराला सुरुवात झाली. लॅटिन ते इंग्रजी, संस्कृत ते मराठी आजतागायत अविरतपणे अनुवादित होताना दिसत आहे. आज तर साहित्य इंटरनेटच्या माध्यमातून हवं तेव्हा हवं तिथे सर्वच प्रकारचे साहित्य वाचता येते म्हणजे सर्व भाषेतील साहित्याची मेढ पक्की रोवली गेली आहे.

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स्त्री एक भक्कम धागा

स्त्री एक भक्कम धागा समाजात वावरणाऱ्या
पुरुषांच्या जोडीनं आपला हक्क मागू पाहणाऱ्या
ती असते कधी आई, बहीण, बायको तर कधी प्रेयसी
कधी पित्याला तर कधी नवऱ्याला आयुष्यभर
साथ देणाऱ्या तिच ती अधिगिनी...
कित्येकदा येतात तिच्या आयुष्यात संकटं
पेलावी लागतात मोठमोठी वादळं
तीही गप्प घातून सहन करते ती
समाजाचं बोलणं...
तिच्या बाह्यअंगाला नटवण्यात नेहमीच गुंग
असतो हा समाज
पण तिच्या अंतर्भूताचा विचार का करत नाही
हाच समाज
येऊ घात तिला मोकळा श्वास
पाहु घात जग
परंपरेच्या जोखडात अडकून ठेवलेल्या तिला
गरज आहे मुक्त निर्णयस्वातंत्र्याची
तरच छिनछडक करेल ती ह्याच
समाजाचं नेतृत्व
तिच्याकडे पाहण्याचा दृष्टिकोन
आता तरी बदलायला हवा
प्रत्येक स्त्रीला समान हक्क
मिळायलाच हवा
मिळायलाच हवा...

- धनश्री एकनाथ नलावडे (T.Y.B.A.)

मांडूचा किल्ला : एक ऐतिहासिक पर्यटन स्थळ

डॉ. मंदा आदमाने (इतिहास विभाग)

मनुष्य मानवी जीवनाला प्रगल्भ करण्याकरिता आणि मनोरंजनाकरिता पर्यटनाकडे आकर्षित होत असतो. रोजच्या व्यवहारी जीवनातून बाहेर पडून निसर्गाचे अवलोकन करित, निसर्गाच्या अद्भुततेचा आनंद घेत ऐतिहासिक ठिकाणी आपल्या पूर्वजांच्या परंपरांचा, त्यांच्या कार्यकर्तृत्वाची महती जाणून घेण्याचा प्रयत्न करित असतो. सुदैवाने भारतात अगदी प्राचीन काळापासून तर आधुनिक काळापर्यंतच अनेक मोठ्या प्रमाणात ऐतिहासिक स्थळे आहेत. पण ही गौरवशाली स्थळे काही प्रमाणात दुर्लक्षित असल्यामुळे काही प्रमाणात नष्ट होत असतांना दिसतात. समाजाचा दृष्टिकोण प्राचीन ऐतिहासिक वास्तूंचे संवर्धन, सुरक्षित करण्याकडे कल कमी असल्याने ऐतिहासिक वास्तूंचे भग्नावशेष दिसून येतात. प्राचीन, मध्ययुगीन भारताच्या काळातील स्थापत्य जगाच्या दृष्टीने अतिशय आश्चर्यकारक आहेत. जगात सर्वांत जास्त शिल्प व स्थापत्य शास्त्राचे आविष्कार भारतात विकसित झाले आहेत. आधुनिक काळात पर्यटन क्षेत्रातून त्या वास्तूंचा उपयोग खूप कमी प्रमाणात झालेला दिसून येतो.

देशाबाहेरची पर्यटन स्थळे पाहतांना आपल्या देशातील ऐतिहासिक वास्तूची भव्यता, कलासुकसर कौशल्य, वैज्ञानिक दृष्टिकोन, राजसत्तेचे द्रष्टेपण जाणवते. बाहेरच्या देशातील पर्यटनाचे जितके आकर्षण जितके वाढविले जाते तितके भारतातील निसर्गक्षेत्रे, ऐतिहासिक स्थळे, धार्मिक क्षेत्रे विकसित करण्याचे प्रयत्न योग्य पद्धतीने केले जात नाहीत. त्यामुळे अजूनही कितीतरी भव्य वास्तू दुर्लक्षित आहेत. त्यातील एक मध्यप्रदेशातील इंदोरजवळील मांडूचा किल्ला होय. तेथे पोहोचायला थेट बससेवा-रेल्वेसेवा उपलब्ध नाही. दिवाळीच्या सुटीत इंदोरला फिरायला गेल्यानंतर तेथे मांडूचा किल्ला १०० कि.मी. दूर असल्याचे कळले. इतिहासात या किल्ल्याचा उल्लेख मध्ययुगीन काळात बराच येतो. मुस्लिम शासकांच्या काळात तसेच मराठ्यांच्या काळातही या किल्ल्यामुळे बराच मोठा इतिहास घडला. म्हणून किल्ला बघण्याची उत्सुकता होती.

मांडूचा किल्ला धार जिल्ह्यात येतो. मध्यप्रदेशातील पश्चिम भागात असलेल्या धारपासून ३५ किमी अंतरावर आहे. या किल्ल्याचा उल्लेख इ.स. पू. ५५ पासून येतो. इ.स.पू. ६व्या शतकातही परमार

या राजघराण्याच्या काळात मांडू विकसित झाले होते. मांडवगड मध्ये तरंगणवंशाचे राजघराणे ११व्या शतकात होऊन गेले. विंध्य पर्वताच्या उत्तरेकडील पठारावर आणि नर्मदा नदीच्या दक्षिणेतील भागात १३ कि.मी. च्या भागात मांडवगड रजपूत परमार शासकांनी वसवला होता. तरंगणा घराण्यातील राजा भोजने मांडवगडला दहाव्या शतकात विकसित केले होते. इ.स. १३०५ मध्ये दिल्लीचा सुल्तान अल्लाउद्दीन खिलजीने आपला सरदार सेनापती जाफरखानाच्या मदतीने माळवा आपल्या नियंत्रणात आणला होता. खिलजीनंतर गयासुद्दीन तुघलकाने हा मांडू किल्ला व प्रदेश आपल्या नियंत्रणात घेतला. समृद्ध निसर्गसौंदर्याने परिपूर्ण असल्याने मुस्लिम शासकांच्या अनेक पिढ्यांनी नर्मदेच्या परिसरावर आपले नियंत्रण ठेवले होते. मोगल काळात हुमायूनच्या कालखंडात गुजरातचा शासक बहादूरशाहाने पोर्तुगीजांच्या मदतीने मांडवगडला आपल्या नियंत्रणात आणले होते. हा शेरशाहसुरचा सुभेदार होता. शेरशाहसुरने हुमायूनला पराजित करून अफगाण सत्ता दिल्लीमध्ये इ.स. १५४० ला प्रस्थापित केली होती. पण केवळ पाच वर्षे राज्य केल्यानंतर त्याचा मृत्यू झाला तेव्हा त्याचा भाऊ आदिलशाहाने दिल्लीची सत्ता हेमू या हिंदू दिवाणाच्या मदतीने हस्तगत केली. या हेमूने मांडू जिंकून आपल्या नियंत्रणात आणले होते. हेमू हा मध्ययुगातील एकमेव हिंदू राजा होता, ज्याने दिल्लीवर आपली सत्ता सहा महिन्यांपर्यंत प्रस्थापित केली होती. स्वतंत्र राजा म्हणून राज्य केले. पुन्हा मुस्लिम मोगल शासकांकडे मांडूची सत्ता आली. आधम खान ह्या अकबराच्या सरदाराने इ.स. १५६१ मध्ये मांडूवर आक्रमण केले होते. बाजबहादूरशाहाने प्रतिकार करण्याचा प्रयत्न केला. बहादूरशाह हा अतिशय उत्तम गायक होता. राणी रूपमती जी दिसायला अतिशय सुंदर होती आणि उत्तम गायिका होती तिच्या प्रेमात बहादूरशाहाने मांडूचा किल्ल्याचा विस्तार करून १२००० एकर जमिनीवर किल्ल्याची पुनर्बांधणी केली होती. माळव्याचा शासक असलेल्या

बाजबहादूरने आपल्या राणीसाठी मांडूचा किल्ला सजविला होता. त्यांच्या प्रेमकथा तेथील परिसरात दंतकथा, लोककथेच्या रूपात प्रसिद्ध आहेत. गाण्यासाठी बांधलेला महाल अतिशय वातानुकूल असून त्याची वैज्ञानिक रचना



पाहिली तर आश्चर्य वाटते. विदेशी वैज्ञानिकही त्या रचनेचे आश्चर्य व कौतुक करताना दिसतात. इतिहासकार स्मिथनेही त्याचे कौतुक केले आहे. आधमखानाने राणी रूपमतीला हस्तगत करण्याचा प्रयत्न केला तेव्हा राणी रूपमतीने हिरा खाऊन आत्महत्या केली. त्यानंतर बाजबहादूरने लढण्याचा प्रयत्न केला पण तो पराजित झाला व तो खानदेशकडे निघून गेला. त्यानंतर त्याने इ.स १५७१ मध्ये अकबरापुढे शरणागती पत्करली व तो मोगलांच्या सेवेत रुजू झाला. बाजबहादूर व राणी रूपमतींच्या प्रेम कहाणीबद्दल अजूनही तेथे बऱ्याच कथा सांगितल्या जातात. राणी रूपमती धरमपूर मधील एका सामान्य शेतकऱ्याचीच सुंदर मुलगी होती. ती नवसाने झाली होती असे म्हटले जाते. लहानपणापासून तिला गाण्याची आवड होती. ती रोज नर्मदा नदीच्या तीरावर मैत्रिणींसोबत फिरायला व गाण्याचा रियाज करायला यायची. बायजीदलअली ज्याचे नाव पुढे त्याच्या पराक्रमामुळे आणि शिकार करण्याचा कौशल्यामुळे बाजबहादूर पडले. हा बाजबहादूर शिकारीसाठी धरमपूरकडे आला असता त्याने रूपमतीला बसत रागदारी गाणे म्हणत असताना पाहिले व तिच्या प्रेमात पडला. त्याने तिच्यासाठी संगीत स्पर्धा ठेवून तिच्या वडिलांच्या (थानसिंग) परवानगीने तिला मांडूला आणले. तिच्यासाठी खास महाल बांधला जेथून तिला रोज नर्मदा नदीचे दर्शन मिळण्यासाठी व्यवस्था केली व तिच्याशी लग्न केले. तिच्या सौंदर्याची व गाण्याची ख्याती पसरल्यामुळे आधमखान या अकबराच्या सरदाराने तिला प्राप्त करण्यासाठी प्रयत्न केले. पण राणी रूपमतीने आपल्या शीलरक्षणासाठी आत्महत्या केली होती. आजही या महालातून नर्मदा नदीचे सुंदर दृश्य दिसते. तेथील नैसर्गिक सौंदर्य इतके विलोभनीय आहे की किल्ल्याच्या त्या भागातून आपल्याला निघावेसे वाटत नाही.

या मांडूवर मोगल शासक अकबर, जहांगीर, शहाजहान, औरंगजेबचे वर्चस्व होते. तेथील निसर्गसौंदर्य अप्रतिम आहे. सर्वच मोगल शासक येथे काही काळ राहिलेले आहेत. औरंगजेबाच्या शेवटच्या काळात इ.स. १७०४ मध्ये निमाजी पवारने रुस्तम खान या मोगल सरदाराचा पराजय केला. बाजीराव पहिल्याच्या आदेशाने मराठ्यांशी सत्ता माळवा मांडूमध्ये प्रस्थापित केली ती उदाजी पवारने. एका शतकापर्यंत मराठ्यांची सत्ता मांडू-माळवा मध्ये स्थिर झाली होती. आनंदराव, खंडेराव, आनंदराव दुसरा, रामचंद्र या मराठा शासकांनी माळवामध्ये सत्ता राबविली होती. नंतर मांडूमध्ये दुष्काळ पडला. ब्रिटिशांच्या हातात सत्ता आल्यानंतर इ.स. १८५८ला मध्य प्रांतात मांडूचा समावेश करून त्या ऐतिहासिक स्थळाचे संवर्धन करून नैसर्गिक सौंदर्याचा आनंद त्यांनीही घेतला होता. थंड हवेच्या ठिकाणी ब्रिटिशांनी बराच काळ वास्तव्य केले होते. स्वातंत्र्यानंतर ए.एस.आय. संस्थेकडे या किल्ल्याची सुरक्षितता ठेवण्यात आली आहे.

समुद्रसपाटीपासून २०७९ फूट उंचीवर हा किल्ला आहे. विंध्यपर्वताच्या १३ किमी. रागांमध्ये असलेल्या ह्या किल्ल्याचा परिसर १२,००० एकर जमिनीवर पसरलेला आहे. पावसाळ्यात गेलो तर तेथील नैसर्गिक सौंदर्य अप्रतिम दिसते. मांडूमध्ये प्रवेश करण्यास १२ प्रवेशद्वारे आहेत. सध्या पाच प्रवेशद्वारे अस्तित्वात आहेत. १) आलमगीर - औरंगजेब या दाराने उत्तरेकडून आला होता. २) भंगी गेट - इथे प्रथा होती राजाला राजवाड्यात प्रवेश करण्यापूर्वी भंगीचा चेहरा पाहणे शुभ समजले जाई. तेथे भंगी नियुक्त केला जाई. ३) कमानी गेट ४) गाडी गेट ५) दिल्ली गेट इ. आहेत. तेथे प्राचीन काळातील राममंदिर आहे. राममंदिराच्या जवळच जामी मशीद आहे. विशेष म्हणजे या मशिदी हिन्दु परमारवालीन कलाकृती आहे. पूर्वी परमार राज्याचा दरबार असावा असे वाटते. राजाचे सिंहासन, राण्यांसाठी बालकनीत बसण्याचे विशिष्ट आसन, सिंहासनासमोर आठ मेहरपी कमानी वर गुंबद (जनतेला आवाज पोहचण्याची सोय) केली असावी. महम्मद खिलजीच्या काळात या दरबाराचे मशिदीत रूपांतर केले गेले. सिंहासनाचा उपयोग कुराण ठेवण्याकरिता केला गेला. मौलवींना बसण्यासाठी प्लॅटफॉर्मचा उपयोग केला गेला आहे. होशंगशाहा गोरी या सुभेदाराने मशिदीचे स्वरूप पूर्णपणे बदलले होते. लाल व पांढऱ्या संगमरवरी दगडाचा उपयोग केला आहे. मांडूच्या मध्यभागात जामी मशिद होशंगशाहाचा मकबरा, अशर्फीमहल, राममंदिर इ. वास्तू आहेत.

होशंगशाहाचा मकबरा त्याच्या काळात बांधण्यास सुरुवात केली तरी महम्मद खिलजीने मकबरा पूर्ण केला. हा मकबरा पाहून शहाजहान प्रभावित झाला होता. जहांगीर माळव्याला असताना वडिलांच्या वाढदिवसानिमित्त भेटायला आला असता होशंगशाहाचा पांढरा मकबरा पाहून प्रभावित झाला होता. तसाच महाल त्याने मुमताजमहलसाठी केला असावा. ह्या मकबऱ्याची प्रतिकृती रामेश्वर मंदिराच्या धर्मशाळेसारखी आहे. ११२ खांबांवर हत्तीच्या सोडेत कमळाचे फूल, त्रिशूल, मंदिराच्या शिखराची प्रतिकृती आहे. तसेच अशर्फीमहलची पण कलाकृती परमार वंशाच्या काळातील दिसते. अशर्फी ठेवण्याचे कोठीघर असले तरी पूर्वी तेथे संस्कृत शाळा असावी. तेथील खोल्या पाहिल्या की विद्यार्थ्यांची राहण्याची सोय, पुस्तकालयाची सोय दुसऱ्या मजल्यावर आणि तिसऱ्या मजल्यावर शाळा असावी असे वाटते. महम्मद खिलजीने इ.स. १४४२ ला त्याचे मंदिरामध्ये रूपान्तरीत केले होते. अशर्फी महलची दंतकथा मजेदार आहे. महम्मद खिलजीचा मुलगा गयासुद्दीन खिलजीने कृष्णाकडे १६१०८ स्त्रिया होत्या असे ऐकून स्वतः १५००० स्त्रिया ठेवल्या होत्या. त्याला लड्डू स्त्रिया आवडत नव्हत्या. म्हणून त्याने पायऱ्यांवर एकेक अशर्फी ठेवून त्या रोज बेगमांना उचलल्यास सांगून गरिबांना वाटून देऊन त्यांच्या आशीर्वादाने बारीक होणार असे सांगून रोज असा त्यांना व्यायाम करायला लावी. अशर्फी महालाजवळच सितारपाकबाबा आणि फिर सय्यदअली दातारची मजार आहे.

यानंतर रानी रूपमतीचा महाल विशेष वर्णनीय आहे. त्याला मंडप म्हणतात. विंध्यपर्वताच्या रांगेत बांधलेला हा महाल खास आहे. धरपमूरच्या थानासिंगची ही मुलगी नर्मदेला केलेल्या नवसाने झाली म्हणून नवसाप्रमाणे तिला रोज नर्मदेचे दर्शन करावे लागे. बाजबहादूरने तिला पाहिल्यानंतर तिच्याशी लग्न करण्याची इच्छा व्यक्ती केली तेव्हा तिने नर्मदेच्या दर्शनाची अडचण सांगितली. त्यावेळी बाजरावबहादूरने आपल्या महालाजवळ रूपमती साठी मंडप उभारला. खाली घोडे बांधायची जागा वर मंडपासारखी महालाची उभारणी केली. जेथून राणी रोज नर्मदेचे दर्शन घेऊन नंतरच अन्न ग्रहण करी. वास्तविक पाहता येथून पाच कि.मी. अंतरावर नर्मदा नदी आहे. पण इतक्या उंचीवरून राणीला नर्मदेचे दर्शन होत असे. आणखी एक दंतकथा प्राचीन काळातील सांगितले जाते. या काळातील पौराणिक कथेनुसार मार्तंडेय ऋषि नर्मदा परिक्रमा करण्यासाठी येथे आले होते. त्यांनी शिवलिंगाची स्थापना केली होती. त्यांच्या नावावर मंडपेश्वर मंदिर उभारलेले होते त्या नावाने राणीचा मंडप महाल उभारला गेला. ह्या मंडपाच्या दोन्ही बाजूला १२ ते १५ फुटाची भिंत मांडूच्या परकोटला लागून आहे. तेथे पावसाच्या पाण्याची साठवण केली जाते. त्यात रेती, चुना, कोळसा टाकून पाणी स्वच्छ केले जाते. हा टँक सहा हजार गॅलनचा आहे. उन्हाळ्यातील पाण्याची सोय याद्वारे केली जाते.

राणी रूपमती मंडपाच्या एक कि.मी. अंतरावर बाजबहादूरचा राजवाडा आहे. नसरुद्दीन खिलजीच्या काळात इ.स १५०८-०९ च्या काळात बांधलेला आहे. बाजबहादूर संगीत प्रेमी असल्याने त्याने या महालाला संगीत प्रतियोगिता महल हे नाव दिले. त्याच्या काळात मनरवा गायक प्रसिद्ध होते. बाजबहादूर शिकारी बरोबरच संगीत प्रेमी असल्याने राणी रूपमतीसाठी संगीताचे आयोजन करीत असे. बाजबहादूरच्या महालाजवळच रेवा कुंडला नावाचा तलाव आहे. ह्या तलावाचे पाणी श्रीरामाने १४ वर्षांचा वनवास संपल्यानंतर अज्ञानतवासात येथे आला असता घेतले. नर्मदेच्याच पाण्यासारखे असल्यामुळे या तलावास रेवाकुंड असे नाव दिले आहे असे म्हटले जाते. राणी रूपमती नर्मदेचे दर्शन वातावरणातील बदलामुळे झाले नाहीतर तर रेवाकुंडचे दर्शन घेई. रेवाकुंडचे पाणी बाजबहादूरच्या महालासमोरून आतील कुंडात सोडले जाण्याची व्यवस्था करण्यात आली होती. मांडूमध्ये बरेच तलाव आहेत. त्यातील एक सूरजकुंड त्याच्यामागे मुंज सागर, कपूर कुंड या तीन तलावांच्या मध्ये जहाजमहाल बांधलेला आहे. १२० कि.मी. लांबीवर बांधलेल्या महालात उन्हाळ्यात अतिशय थंड हवा वाहते. परमार घराण्यातील मुंज राजाच्या काळात हा महाल बांधला असावा असे म्हटले जाते. महालाच्या एका प्रवेशद्वारावर हिन्दू कलाकृती संगमरवरीने परिपूर्ण आहे. गयासुद्दीन खिलजीच्या काळात या महालास जीवमहाल असे नाव ठेवण्यात आले. चांदण्या रात्री हा महाल जहाजप्रमाणे हलताना दिसतो. महालतही जलतरण तलाव बांधलेले आहेत. या महालाला

हिन्दु अफगाण व मोगल शैलीतील कलाकृती आहे. यालाच हिन्दोला महालही म्हटले जाते. परमार मुंज राजाने राण्यांना श्रावणात खेळण्याकरिता झुले बांधण्याकरिता महालाच्या शेजारील बिनछत्राची भिंत बांधली. भिंतीचे दोन्ही भाग H अक्षराप्रमाणे दिसतात. गयासुद्दीनने या महालाला हिन्दोला नाव दिले होते.

स्थापत्यकलेच्या दृष्टीने महत्त्वपूर्ण असलेले ऐतिहासिक किल्ले पाहिल्यानंतर येथील हिन्दू मंदिरे विशेष प्रसिद्ध आहेत. मांडवगडमध्ये असेले चतुर्भुज राममंदिर भारतातील एकमेव मंदिर आहे की येथील रामाच्या मूर्तीला चार हात आहेत. ही मूर्ती संगमरवरी दगडाची आहे. या प्रतिमेवर विक्रम संवत लिहिलेले आहे. नर्मदा परिक्रमा करणाऱ्यांना रेवाकुंडचे दर्शन घेणे आवश्यक असते. रेवाकुंड नर्मदेचा अवतार समजला जातो. रेवाकुंडाचे दर्शन घेतल्याशिवाय नर्मदा परिक्रमा पूर्ण होत नाही असे समजले जाते. तसेच राममंदिराचे दर्शनही घेतात. हे मंदिर इ.स. १७६९ मध्ये बांधलेले आहे. पण मूर्ती १२५० मधील आहे असे म्हटले जाते. रामाच्या मंदिरासमोर सूर्य व हनुमानाचे मंदिर उभारले आहे. याशिवाय नीळकंठ मंदिर, महेश्वरमंदिर, ओमकारेश्वर मंदिर ही १२ ज्योतिर्लिंगांपैकी एक असलेले मंदिर मांडूपासून १२० कि.मी. अंतरावर आहे. दिगंबर व श्वेतांबर जैन मंदिर परमार वंशजांच्या काळापासून बांधलेली आहे. ऐतिहासिक दृष्टीने मोठ्या प्रमाणात बांधकामे आढळतात. त्यात मुस्लिम मुगधी मशीद, दाई की छोटी बहन का महल, चिस्तीखां महल, लालबंगला, दरिया खां का मकबरा, लोहानी लेणी, मुगल गार्डन अशी अनेक ऐतिहासिक स्थळे आहेत.

□□□

ते क्षण

ते क्षण... आनंद देऊन गेले
ते क्षण... उत्साह वाढवून गेले
ते क्षण... हृदयस्पर्शी होऊन गेले
ते क्षण, विश्वास संपादन करून गेले

मूर्तिपूजनाने वातावरण प्रसन्न झाले
व्यासपीठावरील शापणांमध्ये साठे मग्न झाले
पाटोपिके देऊन खेळाडूंचे कौतुक झाले
राष्ट्रगीताने भारतीय धन्य झाले...

हे साठे मनात धर करून बसले
विजय मिळाला म्हणून कोणीच नाही थांबले
पराभवासमोर खेळाडू नाही नमले
पुढील आव्हानांसाठी साठे सज्ज झाले.

- वैदेही दीक्षित (S.Y.B.Com.)

मंद वारा

मंद झुळूक वाऱ्याची
अलगद स्पर्शून गेली
कोमेजल्या मनात
उत्साहाचे बीज रोऊन गेली
मंद झुळूक वाऱ्याची
घरभर फिरली
उदास घरात
आनंदाचे क्षण देऊन गेली

मंद झुळूक वाऱ्याची
अंगभर राहारली
माझ्यासमवेत कुशीत त्याच्या
रममाण होऊन गेली

मंद झुळूक वाऱ्याची
मनामध्ये उतरली
जगण्याचे गाणित
नव्यानेच शिकवून गेली

- सुप्रिया मुडकना (M.A.II-English)

अडगळीतलं पत्र

त्या दिवशी आईनं पत्र लिहिलं पोचाला
न चुकता पत्त्यासहित,
थरथरल्या हातांनी लिहिली होती चौकशी
पोराच्या आल्यासहित:

काळजीनं सुरुवात करून
दोन पानांच्या पत्रात तिनं
दीड पानांची चौकशीच केली
उरल्या अर्ध्या पानावर नातवांना पाहण्याची
विनंतीवजा वाक्ये आणि
तिला वाटत होतं अजूनही म्हणून
शेवटी नाव न लिहिता
'आई' या नावाची सही पण केली

पत्र टाकलं तिनचं पेटीत
पण या वेळेस
उत्तराची वाट बघायला तीच थांबली नाही,
कारण
वाट बघणारे डोळे इतके खोल गेले होते की
त्या खाली जायला
त्यांना खोलीच उरली नाही.

दूध न देणाऱ्या भाकड गाईला
वासरांनी सोडून द्यावं
असंच झालं होतं
न वाचताच हे पत्र सुद्धा
अडगळीलाच गेलं होतं.

- अंकुश रामदास आरेकर (S.Y.B.A.)

एक माणूस

समज असुनही वेडा ठरतो
जगाच्या बाजारात...
व्यवहार कळणाऱ्या, स्वतःलाच
शाहणं समजणाऱ्यांच्या जगात.

तो सहन करतो सारे टक्के-टोणपे
लाचार असतो ना म्हणून
शिब्या, न प्रसंगी मारही खातो
बेकारीला पर्याय नसतो ना... म्हणून

दूर मैलाचा प्रवास तो करतो
हाताला काम मिळव या आशेने,
कपटीपणाच्या धुळीने माखलेल्या
नागरीकरणाच्या इमारतीत चक्रवर्तो
बिचारा, खचतो निराशेने

हाकलूनच दिलं साऱ्यांनी तरी तो तेथेच
पाण्याची तहान भागवण्यासाठी
मारही खातो शांत, प्रतिकाट न करता
अज्ञाविना पोटात पडलेली आग विझवण्यासाठी

तो काही नसतो मुका
बोलता येतं त्यालाही...
परिस्थितीच खेळ खेळते ना... त्याच्याशी
म्हणून अबोल होते वाचेसह त्याचे मनही

गरिबीची लक्तटं लेवून
तो श्रीमंत मनानं मात्र सर्वत्र वावरतो
लाचारीच्या कोंदणात दुःख साठवून
माणुसकीविना जगणं तो रोज अनुभवतो

मरण-यातना भोगणाऱ्या पण
तितक्याच त्याच्या आशावादी डोळ्यांचं
जगाला एक सांगण असतं,
माणसांशी माणुसकीनं वागावं
सर्वदं एक दान ते मागत असतं...

- नेहा बवले (F.Y.B.A.)

मॉम करंडकचे दिवस

डॉ. सुनिता गोसावी (वाणिज्य शाखा, कनिष्ठ विभाग)

महाविद्यालयाच्या पंचविसाव्या वर्धापनदिनानिमित्त निरनिराळे उपक्रम घेतले जात होते. कलामंडळाच्या बैठकीत खूप ऊहापोह चालला होता. काय काय करता येईल याची आखणी चालली होती. त्याच बैठकीत डॉ. सुषमा जोग यांनी आपण आंतरमहाविद्यालयीन द्वंद्वगीत स्पर्धा आयोजित करायची का ? असा प्रस्ताव मांडल्यावर ताबडतोब सर्व सहकाऱ्यांनी एकमुखाने अनुमोदन दिले. स्पर्धेचे नावही लगेच ठरले 'मॉम करंडक आंतरमहाविद्यालयीन द्वंद्वगीत स्पर्धा' या स्पर्धेसाठी त्यावेळचे प्राचार्य चिरपूटकरसर यांनी लगेच परवानगी दिली.

ही स्पर्धा नंतरची दहा वर्षे महाविद्यालयाच्या व कलामंडळाचा अविभाज्य भाग बनली व प्रत्येक वेळी तत्कालीन प्राचार्य प्रा. आपटे, प्रा. गोसावी या सर्वांनी आनंदाने परवानगी व पाठिंबा दिला. पहिल्याच वर्षी गणेश बडवे व अमृता खाडिलकर (आताची प्रसिद्ध गायिका अमृता नातू) यांनी 'पहेला नशा' हे गीत सादर करून करंडक पटकावला. आताचे सुप्रसिद्ध गायक-गायिकांनी या स्पर्धेला हजेरी लावून पारितोषिकेही पटकावली. त्यापैकी हृषिकेश रानडे, जसराज जोशी, आस्ताद काळे, अमेय जोग, धवल चांदवडकर, मॉडर्न कॉलेजची विभावरी आपटे ही काही उदाहरणे.

स्पर्धा साधारण सप्टेंबर-ऑक्टोबर मध्ये घेतली जायची; परंतु कलामंडळाच्या सदस्यांना त्याचे केव्हाच वेध लागायचे. तसे तर ह्या वर्षाची स्पर्धा संपली की लगेचच पुढच्या वर्षी काय सुधारणा करायच्या, काय नवीन करायचे याच्या चर्चा सुरू व्हायच्या.

दहा वर्षे ही स्पर्धा घेतली गेली, त्या दहा वर्षांत स्पर्धेच्या स्वरूपातही बदल होत गेले. सुरुवातीला एका फेरीत होणारी स्पर्धा हळूहळू दोन फेऱ्या व तीन फेऱ्यांपर्यंत कधी पोहोचली कळलेही नाही. दरम्यान मॉडर्न कॉलेजचे माजी विद्यार्थी मोहनकुमार भंडारी यांनी बरीचशी तांत्रिक मदत देऊ केली व त्यामुळे पुण्यात पहिल्यांदाच 'प्री रेकॉर्डेड ट्रॅक्स' वर गाण्याची संधी स्पर्धकांना मिळाली. अर्थात, पहिली फेरी त्यांच्या पसंतीचे गीत गाण्याचीच होती. त्यातून निवड झालेल्यांनाच ट्रॅकवर गाण्याची संधी मिळायची. तिसऱ्या फेरीसाठी कधी विशिष्ट संगीतकार, कधी विषय, कधी गायक-गायिका असे ठरवून दिले जायचे व त्यानंतरच विजेते ठरवले जायचे. यात गायकांचा चांगलाच कस लागायचा. प्री रेकॉर्डेड ट्रॅक्स (काराओके)

वर गाणे ही कसरतच असायची, पण ही महाविद्यालयीन तरुण मुले ज्या सफाईने काराओके बरोबर पट्टी जुळवून गायची त्याला तोड नव्हती. स्पर्धेचे स्थळही प्रथम महाविद्यालयातच. नंतर दोन वर्षे नेहरू मेमोरियल हॉल, नंतर भरत नाट्य मंदिर व शेवटी टिळक स्मारक असे बदलत गेले.



मॉम करंडकसाठी अतिशय दर्जेदार असे परीक्षक बोलावले जायचे प्रमोद रानडे, मुकुंद फळसणकर, अजित सोमण, अनुराधा कुबेर, तर पारितोषिक वितरणासाठी आनंद मोडक, अनुराधा मराठे, छोटा गंधर्व, मालती पांडे असे दिग्गज येऊन गेले. एका स्पर्धेच्या पारितोषिक वितरणासाठी मा. छोटा गंधर्व आले होते. विभावरी आपटेने

त्यावेळी 'ज्योती कलश झलके' हे गाणे स्पर्धेनंतर सादर केले त्यावेळी अतिशय वृद्ध असलेले पण कान अत्यंत तीक्ष्ण असलेले छोटा गंधर्व म्हणाले 'मला लताची आठवण झाली'.

कलामंडळ सदस्यांसाठी व महाविद्यालयासाठी मॉम करंडक हा एक सोहळाच असायचा. रुटिन कामे करतच शिक्षक मॉम करंडकसाठी आनंदाने कामे करायचे. डॉ. जगदीश चिंचोरे, प्रा. जयंत जोर्वेकर, डॉ. सुषमा जोग, प्रा. लीना पाटणकर, प्रा. राजीव कुलकर्णी, प्रा. अमृता सातभाई, प्रा. नरेंद्र नायडू, प्रा. व्हनकळस यांना समर्थ साथ डॉ. स्वाती कर्वे, प्रा. संजीवनी कुवळेकर, प्रा. वंदना जोशी, डॉ. संजीवनी रहाणे ऑफिसमधील श्री. खोपकर इत्यादींची मिळायची. या सहकाऱ्यांमुळेच मॉम करंडकची लोकप्रियता खूपच वाढली होती. पुढे काही कारणाने दहा वर्षांनंतर स्पर्धेला विराम द्यावा लागला; परंतु सप्टेंबर-ऑक्टोबर महिने आले की त्यावेळी मॉम करंडकमध्ये सहभागी झालेल्या शिक्षक व शिक्षकेतर सहकाऱ्यांच्या मनात मॉमच्या आठवणी नक्कीच जाग्या होतात. ते उत्सवी दिवस, ती लगबग यंदा कोणकोण गाणार याची उत्सुकता, कामाचे वाटप या सर्व गोष्टींना आम्ही विसरू शकत नाही.

हृषिकेश रानडे-अमेय जोगचे 'बीती न बिताई रैना' अच्युत जोग-राहुल नगरकरचे 'एक चतुरनार', जसराज जोशी-नवीन आक्किवल्लीचे 'अलबेला साजन आयोरे', विशाल वर्मा-नियमी उपाध्येचे 'तू ही रे', आणि विभावरी आपटे - अमोल चिपळूणकरचे 'जीवन मे पिया तेरा साथ रहे' आम्ही कधीच विसरू शकत नाही.

□□□

मंगेश पाडगावकर - 'एक जिप्सी'

वैशाली मोहिते (मराठी संशोधन विभाग, मॉडर्न कॉलेज, शिवाजीनगर, पुणे ५)

मराठी मनाला आपल्या कवितांनी भुरळ घालणाऱ्या प्रतिभावंत कवी मंगेश पाडगावकर यांस श्रद्धांजली...

या जन्मावर, या जगण्यावर एकदा नव्हे, दोनदा नव्हे तर शतदा प्रेम करावे असं सांगणाऱ्या निसर्गाविरुद्ध जीवनावर आणि माणसांवर सुद्धा भरभरून प्रेम करणाऱ्या कवीश्रेष्ठ मंगेश पाडगावकरांच्या कवितेनं, त्यांच्या गाण्यानं आपलं बालपण, तरुणपण आणि प्रौढत्वसुद्धा समृद्ध झाले आहे, होत आहे आणि येणाऱ्या पिढीचे देखील होईल यात शंका नाही.

पाडगावकरांची कविता जीवनाकडे सकारात्मकदृष्टीने पाहण्याची 'नजर' देते. पाडगावकर लौकिक अर्थानं जरी आपल्यात नसले तरी त्यांचे शब्दवैभव आपल्या भोवती सतत रूजं घालणारं आहे.

१९५० साली त्यांचा 'धारानृत्य' हा कविता संग्रह प्रकाशित झाला असला तरी त्यांनी त्यांची पहिली कविता १९४३ साली वयाच्या चौदाव्या वर्षी लिहिली. एक दिवाळी अंकात बा. भ. बोरकरांची कविता छापून आली होती.

तव चिंतनी मन गुंगुनी
मी हिंडतो रानीवनी

पाडगावकरांना ही कविता आवडल्याने ते ती कविता सतत गुणगुणायचे. एक दिवस ते ही कविता गुणगुणत असताना त्यांच्याच इमारतीतील, त्यांच्याच वयाच्या एक मुलीशी त्यांची जिन्यातच गाठ पडली. आणि तिला पाहून त्यांनी ते गुणगुणत असलेल्या कवितेवर त्यांची कविता रचली,

तूज पाहिले, तूज वाहिले
नवपुष्प हे हृदयातले
कवटाळूनी अन् चुंबुनी
पुजशील का ते तू मनी?
की चुरडूनी बरी हासूनी
जाशील तू मन भंगुनी
कवटाळते वा टाकते
तूज वाहिले पहिलेच ते
कोणत्याही नवकवीच्या, किंवा

नव्यानं लिहू लागलेले कोणी

आपल्या पूर्वसुरींचे अनुकरण करतच असते. त्यांच्या बाबतीत ही हेच घडले. केशवसुत, कवी अनिल, बा.भ.बोरकर, कुसुमाग्रज, ना.घ.देशपांडे या अशा श्रेष्ठ कवींचा प्रभाव त्यांच्या कवितेवर होता हे त्यांनी नेहमी जाहीरपणे सांगितलेही आहे. काव्यनिर्मितीचा वारसा त्यांना त्यांच्या आईकडून आणि आजोबांकडून मिळाला असल्याचेही त्यांनी नमूद केले आहे. मुंबईच्या विल्सन हायस्कूलमध्ये असताना प्रख्यात समीक्षक वा.ल.कुलकर्णी हे त्यांना शिक्षक होते आणि



कॉलेजलाही तेच प्राध्यापक होते. त्यांनी त्यांच्या काव्यगुणांना नेहमीच प्रोत्साहित केले. त्यांनीच पाडगावकरांना शालेय वयात कुसुमाग्रजांचा 'विशाखा' संग्रह वाचायला दिला होता. विशाखातील कविता त्यांना मुखोद्गत होत्या.

धारानृत्य नंतर त्यांचा 'जिप्सी' हा संग्रह प्रकाशित झाला. जिप्सीतून त्यांच्यातील कलंदर कलावंताचे दर्शन घडते. हे जिप्सीपण पेलणं आणि टिकवणं तितकं सोपं नसतं, जिप्सीचं जगणं स्वीकारताना त्यासाठी लागणारं धाडस, त्यासाठीचे धोके सर्व त्यांनी पत्करले, पुन्हा पुन्हा पत्करले....

एक जिप्सी आहे माझ्या खोल मनात दडून

आठवते बालपण जेव्हा होतो मी खेळत
होतो बांधीत मी घर सवंगड्यांच्या संगत
कौले पानांची घराला आणि झावळ्यांच्या भिंती
आठवते अजूनही होतो रंगत मी किती !

पण अकस्मात होतो जात सारे उधळून..एक जिप्सी आहे माझ्या खोल मनात दडून

शाळेतले ते दिवस पाटी-पुस्तक हातांत
टोपी जरीची सुंदर...स्वारी निघाली थाटात
जाड काचेची चाळिशी लावूनिया डोळ्यांवर
होत बोलत पंतोजी उग्र रोखून नजर

पण ठरेचना मन चार भिंतीच्या जगांत
उडे खिडकीमधून दूरदूरच्या ढगांत
झाडे पानांच्या हातांनी होती मला बोलावीत
शोपटीच्या झुबक्याने खार होती खुणावीत
कसे आवरावे मन? गेलो पळून तिथून..एक जिप्सी आहे माझ्या खोल मनात दडून

पाडगावकरांच्या खोल मनात दडून बसलेल्या जिप्सीने त्यांना कधीही स्वस्थ बसू दिले नाही. ते अखंडपणे कवितेतील नवन्नवे प्रदेश धुंडाळत राहिले. या जिप्सीने निसर्गावर, जीवनावर तसेच माणसावर भरभरून प्रेम केलं, त्यांना माणसातला 'माणूस' महत्वाचा वाटला. जगण्यावर प्रेम करणारा, सुख-दुःख, यश-अपयश, आशा-निराशा, भय, भीती, या सगळ्या प्रसंगांना धोरानं सामोरा जाणाऱ्या माणसावर त्यांनी प्रेम केलं ते त्याचा सतत शोध घेत राहिले.

कोलाहलात सान्या माणूस शोधतो मी
गर्दीत माणसांच्या माणूस शोधतो मी
हे धर्म देवळे ही धुंडून सर्व आलो

भिंती पल्याड त्यांच्या माणूस शोधतो मी
हव्यास हा सुखाचा कल्लोळ वासनांचा
जळत्या चितेवरी या माणूस शोधतो मी
फासून रंग रात्री दिवसा भकास सारे
खिडकीत विक्रयाच्या माणूस शोधतो मी

मुकट जगणाऱ्या, भयाने, भीतीने दबलेल्या सामान्य माणसांची
व्यथा पाडगांवकरांनी त्यांच्या 'उदासबोध' आणि 'मोरू' या संग्रहात
शब्दांकित केले आहेत. सामाजिक, राजकीय बदलांनुसार काळानुरूप
त्यांच्या कवितेचा साचा बदलत राहिला. त्याची भाषा बदलत
राहिली. 'विदूषक', 'सलाम', 'मुखवटे' या संग्रहातील त्यांच्या
कविता समाजातील खोट्या प्रतिष्ठेचा बुरखा टराटरा फाडतात,
त्यावेळच्या बदलत्या राजकीय आणि सामाजिक परिस्थितीचे भयावह
चित्रण त्यांनी केले आहे. सलाम कवितेविषयी ते म्हणाले होते,
'...माणसाच्या मूलभूत भावना भय आणि शोषण यांचा पाया
असलेली ही सलाम कविता आहे. खोट्या शब्दांनी झुलवणारी
आपली जी संस्कृती आहे त्याच्यावर रोखलेलं हे शस्त्र नाही म्हणत
मी, मी दुवळा आहे, ही माझी लहानशी टाचणी आहे.'

'....वटारलेल्या प्रत्येक डोळ्याला सलाम
शेंदूर थापलेल्या दगडाला सलाम
लाखां खर्चून बांधलेल्या देवळांना सलाम
देवाचे आणि धर्माचे कंत्राट घेणाऱ्यांना सलाम....

.....
आईवर आयुष्मभर गुरकणाऱ्या बापाला सलाम
पिचलेल्या बायकोला सलाम
दीड खोलीतल्या पोरवड्याला सलाम

.....
या माझ्या परमपवित्र इत्यादी इत्यादी देशाला सलाम!

१९८० साली सलाम संग्रहाला साहित्य अकादमीचा पुरस्कार
मिळाला.

भावकविता लिहिणाऱ्या पाडगांवकरांनी धोका पत्करून उपरोधिक
कविता लिहिली. हृदयाला भिडणारं सामर्थ्य त्यात आहे. १९६०
ते १९६२ या काळात त्यांनी वात्रटिका लिहिल्या. 'वात्रट' आणि
'टिका' हे शब्दांचे ध्वनी एकत्र करून त्यांनी 'वात्रटिका' हा शब्द
तयार केला.

एक होती फिटली
ती चहाला विटली
मालकाने मागितली माफी,
तिच्यात ओतली कॉफी,
तेव्हा ती म्हणाली, "माझी हौस फिटली"

रुपया

एक होता रुपया
त्याला आवडत पपया



तो म्हणाला हलकेच गाणे
खिशातून काढले सोळा आणे,
चार आणे शिल्लक ठेऊन घेतल्या तीन पपया

हौस

एक होती करवली
ती लग्नात हरवली
तिच्या आईने केले तांडव
पालथा घातला सगळा मांडव
इतक्या गोंधळात नवऱ्याने हौस मात्र पुरवली

पाडगांवकरांची कविता मग ती निसर्ग कविता असो वा प्रेम
कविता त्यांचा रसरशीतपणा जरा देखिल कमी झाला नाही. धारानृत्य
ते राधा पर्यंतच्या संग्रहातील त्यांनी रेखाटलेली निसर्गाची वेगवेगळी
रूप आपल्याला थक्क करतात. त्यांचा जन्म वेंगुल्यांचा (१० मार्च
१९२९) आणि बालपण ही तिथेच गेलं त्यामुळे कोकणाच्या
निसर्गाचा सहवास त्यांना भरपूर लाभला. निसर्गातील तारे-वारे,
आभाळ-सागर, झाड-पक्षी यांना प्रत्येक कवितेत वेगळा, सखोल
अर्थ दिला जो त्यांच्या जीवनाभूतीतून आला होता. पाडगांवकरांची
कविता ही निसर्गाचा हुंकार आहे.

हासत दुःखाचा केला मी स्वीकार
वर्षिले चांदणे पिऊन अंधार
प्रकाशाचे गाणे अवसेच्या रात्री
आनंद यात्री मी आनंद यात्री

प्रेम ही आदिम भावना, तरी देखील पाडगांवकरांनी कवितेतून
तुमच्या - आमच्या बालपण-तरुणपणातील, आई, वडील, भाऊ,
बहीण या वेगवेगळ्या नात्यांतील वात्सल्य भावनेची, प्रेम भावनेची
ओळख करून दिली. त्यांनी खूप साध्या साध्या रोजच्या जीवनातून
आनंद शोभायला सांगितला, त्यांना जीवनावर प्रेम करणं अत्यंत
सुंदर गोष्ट वाटायची. ते म्हणायचे, 'आईने किंवा बायकोने आमटी
केली असेल तर तिचा भुरका मारताना जो भुरं आवाज येतो तो सुद्धा
मला ओंकाराइतका पवित्र वाटतो.'

पाडगांवकरांची कविता छंदापेक्षा मुक्तछंद जास्त होती, त्यांची
गजलही तितकीच ताकदीची होती. 'त्रिवेणी' त्यांचा हा संग्रह अगदी
वेगळा संध्याकाळच्या गजल, न-गजल, बोलगजलांचा आहे.

मंगेश पाडगांवकर, वि.दा. करंदीकर, वसंत बापट या त्रयींनी
महाराष्ट्राच्या कानाकोपऱ्यातच नव्हे तर जगभरात मराठी कविता
पोहोचवली. 'स्वानंद' हा पाडगांवकरांच्या कवितेचा स्थायीभाव
होता. 'भातुकलीच्या खेळामधली', 'दिवस तुझे हे फुलायचे
झोपाळ्यावाचून झुलायते', 'तिन्ही लोक आनंदाने भरून गाऊ दे,
तुझे गीत गाण्यााठी सूर लावू दे', 'अशी पाखरे येती आणि क
स्मृती
ठेवूनी जाती, 'लाजून हासणे अन् हासून ते पाहणे, मी ओळखून
आहे सारे तुझे बहाणे' अशी त्यांची अनेक गीते मराठी मनावर
अधिराज्य करत आहेत.

पाडगांवकरांचे अनुवाद ही सरस आहेत. उत्तम शब्दप्रभू असल्याशिवाय इतका सरस अनुवाद साधत नाही. 'मीरा', 'सूरदास', 'कबीर' यांच्या काव्याचे अनुवाद करताना त्यांच्या मीटरमध्ये एका अक्षराचाही बदल न करता त्याच मीटरमध्ये मराठीत अनुवाद केले. त्यांच्या बहुआयामी आणि चतुरस्त्र प्रतिभेचा आविष्कार या भाषांतरामधूनही प्रतीत होताना दिसतो.

'निबोणीच्या झाडामागे', 'आले मेघ भरून', 'शोध कवितेचा' हे त्यांचे गद्य साहित्यही पद्याइतकेच काव्यात्म आहे. 'नवा दिवस' काव्यसंग्रह तर खास १३ ते १६ वयोगटासाठीच लिहिला आहे. पाडगांवकरांनी 'प्रभंजन', 'शर्मिष्ठा', 'बुद्ध', 'बिल्हण', 'कवी' ही पाच नाट्यकाव्ये लिहिली. ही पाच नाट्यकाव्ये 'शर्मिष्ठा' या संग्रहात एकत्रित करण्यात आली आहेत. पाडगांवकरांना साहित्य अकादमी बरोबरच अनेक पुरस्कार प्राप्त झाले, त्यातील महत्वाची म्हणजे महाराष्ट्र शासनाचा 'महाराष्ट्र भूषण' पुरस्कार-२००८.

इवलेसे मन

हर्षनि घागडणारे, खेळणारे
गाणारे, नाचणारे
छालपणीचे ते इवलेसे मन.

दुःखात, संकटात
स्वतःचीच सायसोषत राहून
पाठीशी उभे राहणारे,
ते इवलेसे मन.

पर्वतासारखे खंबीर असणारे अंतर्जन
पक्ष्यासारखे, फुलासारखे
फुलपाखरासारखे नाजूक असणारे
अपार इच्छाशक्ती असलेले,
कधीही न डगमगणारे

अतीव दुःख होऊनही
समजूत घालणारे,
ते इवलेसे मन.

सर्वांचा राग मनात
सामावून घेणारे,
आयुष्याच्या वाटेवर
प्रगतिपथावर नेणारे.

ते इवलेसे मन...
ते इवलेसे मन...

- रोजा बाळासाहेब चावरे (तृतीय वर्ष कला)

केंद्र सरकारचा 'पद्मभूषण पुरस्कार'-
२०१३.

पाडगांवकरांनी कवितेचा दरवळ सर्वदूर पसरवला, आयुष्याची सत्तर वर्षे कवीधर्म जपणारा जिप्सी इहलोकातील प्रवास संपवून ३० डिसेंबर २०१५ रोजी अनंताच्या प्रवासाला निघून गेला कायमचा. प्रत्येकाच्या मनातला जिप्सी असाच अनंतामधून साद धालतोय...

□□□



जीवन हे कॉलेजचे असते कसे ?

जीवन हे कॉलेजचे असते कसे ?
रोज सकाळी कॉलेजला यायचे कसेबसे ?
येत असे कोणी कॉलेजला दुरुन,
वाटते त्यांच्या मना जावे थुरकन उडून.
पण असा चमत्कार होत नाही कधी,
रोज कॉलेजला होणारा उशीर होतो आधी.

यायचं दुसऱ्या लेक्चरला,
वंदन करायचे शेवटच्या झाला,
गट्टी जमते चार-दोन जणांची,
जुळून येते रंगत गप्पांची.
अचानक जाते शिक्षकांचे लक्ष,
मनाच्यांचे असते दुर्लक्ष.

स्वतःचाळपणा भाग पाडतो बाहेर जाण्याला,
काहीच पर्याय उरत नाही, बाहेर जाऊन बसण्याला,
होता सुरू तिसरे लेक्चर परत प्रवेश क्लासमध्ये,
हे साहेब परत गुंग मोबाईलच्या चॅटिंगमध्ये
करताना चॅटिंग विसर पडतो शिकण्याचा,
परत बनतो शिकार बाहेर जाण्याचा.

आता मात्र नाईलाज असतो,
चार-दोन टपोच्यांच्या संगतीत
कॉलेज कट्ट्यावर जाऊन बसतो.
आता काही खरं नाही,
टपोच्यांच्या संगतीत काही खरं नाही.
सुरु होते, टवाळखोरी,
यात करत नाही कोणी यांची बरोबरी.

अखेर यांच्याही नावाचा होतो गाजावाजा
घरच्यांना आणि प्राध्यापकांना कळल्यावर
त्यांचा चांगलाच वाजतो बँडबाजा.

- नितीन मेमाणे (M.A. II)

मराठी बोला, मराठी वाचवा

शिल्पा त्रिंबक जाधव (M.Sc. Statistics)

वसतिगृहात दररोज होणाऱ्या योगासनाची घंटा नेहमीप्रमाणे आजही पाच वाजता जोरजोरात वाजू लागली. पण माझे मन काही उठायला तयारच नव्हते. डोळे आपोआप मिटले जात होते. पण अचानक 'शुभ सकाळ' हा शब्द माझ्या कानांवर पडला आणि माझी झोप क्षणातच उडाली. कारण सतत तोडके-मोडके इंग्रजी बोलून आपला वेगळा ठसा दुसऱ्यावर उमटविण्याचा प्रयत्न करणारी नीता आज चक्क मराठीत बोलते आहे हे पाहून माझ्या मनात अनेक प्रश्न उपस्थित झाले.

पण "मराठी दिनाच्या शुभेच्छा" या तिच्या पुढच्याच वाक्याने मला माझ्या प्रश्नाचे उत्तर मिळाले आणि मग वाटू लागले, की मराठी भाषेची आठवण माझ्या या महाराष्ट्रात फक्त मराठी दिनानिमित्तच येते ही किती दुःखदायक गोष्ट आहे.

"माझिया मराठीची बोलु कवतिके,

परि अमुताते ही पैजा जिंके."

असं माझ्या मराठी भाषेबद्दल गौरवोद्गार काढले जातात. कारण मराठी भाषेबद्दल प्रत्येक मराठी माणसाच्या मनामध्ये आदर होता, आहे आणि राहणारच.

आपल्या भूमीवर जन्माला येणाऱ्या कोणत्याही बाळाला जन्मतःच बोलता येत नसतं. पण जसजसे वय वाढत जाते, त्याच्यावर चांगले संस्कार होतात, तेव्हा ते लहान मूल बोलू लागते, माझ्या आईची जी मातृभाषा तीच माझी मातृभाषा. जन्मापासून जिने मला साथ दिली ती माझी मराठी भाषा पण आज बदलत्या जीवनात दुसऱ्या भाषांचे मराठी भाषेवर आक्रमण होत आहे. सारस्वतांनो सावधान ! मराठीचा बुरुज ढासळत आहे.

"पाहुणे जरी असंख्य पोसते मराठी

आपुल्याच घरी हाल सोसते मराठी."

अशी आपल्या मराठी भाषेची अवस्था झाली आहे. कोणत्याही माणसाचे आयुष्य हे मातापिता-माती-मातृभाषा या तीन गोष्टींवर अवलंबून असते. माता जन्म देते, माती आसरा देते तर मातृभाषा ही हजारो वर्षांपूर्वीच्या इतिहासातील संस्कार देते व त्यातूनच चांगल्या माणसाची जडण-घडण होते.

मराठी भाषेत बोलणे महाविद्यालयीन युवकांना साधेपणा वाटतो. लाज वाटते. उच्च वस्तीत राहणाऱ्या लोकांना मराठी बोलणं कमीपणाचे लक्षण वाटते. पण याच मराठी भाषेत आईची अंगाई, रामायण-महाभारताच्या गोष्टी, चांदोभामाच्या गोष्टी, चिमणी-कावळ्याच्या गोष्टी ऐकून आपण मोठे झालो आहोत, हे आपल्याला विसरून चालणार नाही.

मराठी भाषा ही संपूर्ण मराठी बोलणाऱ्या माणसांची माता, आमची अस्मिता व स्वाभिमान आहे हे विसरून चालणार नाही.

पण प्राकृत मराठीपासून 'चामुंडाराजे करवियेले' हा पहिल्यांदाच शब्द मराठी भाषेत सापडला. ११ व्या शतकात कवी मुकुंदराज यांनी 'विवेकसिंधू' हा पहिला मराठी ग्रंथ लिहिला. मराठीची गंगा प्राकृताच्या पर्वतापासून वाहत आहे. त्यांच्यानंतर साऱ्या विश्वाची माऊली ज्ञानेश्वरांनी सार्थ ज्ञानेश्वरी रसाळ ग्रंथ लिहून मराठीचं दालन सर्वांसाठी खुलं केलं. तुकोबांची गाथा इंद्रायणीत बुडून सुद्धा अजामर झाली. प्राचीन वाङ्मयापासून ते आजपर्यंतच्या साहित्यिकांपर्यंतचा मराठीचा इतिहास पाहिला तर हा इतिहास आपल्या मातृभूमीचे सौंदर्य वाढवणारा इतिहास आहे.

इतर भाषा शिकणे हे काही चुकीचे नाही परंतु मराठी भाषेला दुय्यम स्थान देणे चुकीचे आहे. मान्य आहे की काळाप्रमाणे आपण बदलायला हवे. पण आपण एवढं बदलत चाललो आहोत की आईची जागा दाईने घेतली आहे, पण आई ही शेवटी आईच असते.

आम्हाला शेक्सपिरच्या सर्व नाटकांची पात्रेसुद्धा माहीत आहेत पण राम गणेश गडकरी, वि. वा. शिरवाडकर, पु. ल. देशपांडे यांची नावेसुद्धा आपल्याला माहीत नसतात.

मराठी पुस्तके वाचायला वाचकांचा प्रतिसाद कमी मराठी चित्रपटांना प्रेक्षकवर्ग कमी, अशी अवस्था मराठीची झाली आहे.

दुसऱ्या महायुद्धाच्या खाईत लोटलेल्या जपान, रशिया, चीन या राष्ट्रांनी प्रगती केली ती त्यांच्या मातृभाषेच्या जोरावर. मग तीच प्रगती आपण का करू शकत नाही ? त्यासाठी प्रथम मराठी भाषेस समृद्ध बनवलं पाहिजे.

कुसुमाग्रज, मंगेश पाडगावकर, पु. ल. देशपांडे, गडकरी, विनोबा भावे यांच्यासारख्या विद्वानांनी मराठी भाषेला वैभव प्राप्त करून दिले. टिळकांच्या 'स्वराज्य हा माझा जन्मसिद्ध हक्क आहे आणि तो मी मिळवणारच' या घोषणेपासून शिवरायांचा इतिहास मांडणारी मराठी पुस्तके, सामान्यांचे दुःख मांडणारी 'उपरा', 'बलुतं' यासारखी पुस्तके हे साहित्य मराठी भाषेचेच आहे. पण आपण मराठी वाचले पाहिजे, बोललं पाहिजे तरच आपल्या मराठी भाषेचं अस्तित्व टिकू शकेल.

'मराठी असे अमुची मायबोली,

जरी भिन्न धर्मानुयायी असु

हिचे पुत्र आम्ही,

हिचे पांग पेडू,

वसे आमुच्या मात्र मन्मंदिरी.'

चला तर मग मराठी बोलण्याचा, लिहिण्याचा, वाचण्याचा हट्ट धरूया !

□□□

बाप

ओंकार अविनाश सोनावणे (११वी)

आई घराचं मांगल्य असते, तर बाप घराचे अस्तित्व असतो, पण या अस्तित्वाचा खरंच आम्ही समजून घेतलेले आहे का? वडिलांना महत्त्व असूनही त्यांच्याविषयी जास्त लिहिलं जात नाही, बोललं जात नाही. कोणताही व्याख्याता आईविषयी बोलत राहतो. संत महात्म्यांनी आईचं महत्त्व अधिक सांगितलेले आहे.

देवादिकांनी आईचेच गोडवे गायले आहेत. लेखकांनी, कवींनी आईचे तोंड भरून कौतुक केले आहे. चांगल्या गोष्टींना आईचीच उपमा दिली जाते. पण बापाविषयी कुठेच फारसं बोललं जात नाही. काही लोकांनी बाप रेखाटला, पण तोही तापट, व्यसनी, मारझोड करणाराच. समाजात एक-दोन टक्के असे बाप असतीलही, पण चांगल्या वडिलांबद्दल काय?

आईकडे अश्रूंचे पाट असतात, पण बापाकडे संयमाचे घाट असतात. आई रडून मोकळी होते, पण सांत्वन वडिलांनाच करावे लागते आणि रडण्यापेक्षा सांत्वन करणाऱ्यावरच जास्त ताण पडतो. कारण ज्योतीपेक्षा समईच जास्त तापते ना? पण श्रेय नेहमी ज्योतीलाच मिळत राहतं! रोजच्या जेवणाची सोय करणारी आई आमच्या लक्षात राहते पण आयुष्याच्या शिंदोरीची सोय करणारा बाप आम्ही किती सहज विसरून जातो. सर्वांसमोर आई मोकळेपणानं रडू शकते, पण वडिलांना रडता येत नाही. स्वतःचा बाप वारला तरीही त्याला रडता येत नाही, कारण छोट्या भावंडांना जपायचं असतं. आई गेली तरीही रडता येत नाही, कारण बहिणींचा आधार व्हायचं असतं. पत्नी अर्ध्यावरच साथ सोडून गेली तरी पोरंसाठी अश्रूंना आवर घालावा लागतो.

जिजाबाईंनी शिवाजी घडविला असं अवश्य म्हणावं, पण त्याचवेळी शहाजीराजांची ओढाताण सुद्धा ध्यानात घ्यावी. देवकीचं, यशोदेचं कौतुक अवश्य करावं, पण पुरातून पोराला डोक्यावर घेऊन जाणारा वासुदेवसुद्धा लक्षात ठेवावा. राम हा कौसल्येचा पुत्र अवश्य असेल, पण पुत्रवियोगाने तडफडून मरण पावला तो पिता



दशरथ होता.

वडिलांच्या टाचा झिजलेल्या चपलांकडे बघितलं की त्यांचे प्रेम कळते. त्यांचा फाटका बनियन बघितला की कळतं, आमच्या नशिवाची भोक्कं त्यांच्या बनियनला पडली आहेत. त्यांची दाढी वाढलेला चेहरा त्यांची काटकसर दाखवितो. मुलीला गाऊन घेतले, मुलाला लुंगी घेतली पण स्वतःला मात्र जुनी पॅटच वापरतील. मुलगा हॉटेलमध्ये वीस-पंचवीस रुपये खर्च करतो, मुलगी पार्लरमध्ये खर्च करतेय, पण त्याच घरातला बाप दाढीचा साबण संपला म्हणून अंधोळीच्या साबणाने दाढी करतो. अनेकदा तो नुसतं पाणी लावून दाढी करतो. बाप आजारी पडला म्हणून लगेच दवाखान्यात जात नाही. तो आजाराला नाही घाबरत, पण डॉक्टर एखादा महिना आराम करायला लावील याची त्याला भीती वाटते. कारण पोरीचं लग्न, पोराचं शिक्षण बाकी असतं. घरात उत्पन्नाचं दुसरं साधन नसतं, ऐपत नसते. तरीही मुलाला मेडिकल, इंजिनिअरिंगला प्रवेश मिळवून दिला जातो. ओढाताण सहन करून मुलाला दर महिन्याला पैसे पाठविले जातात, पण काही मुलं अशीही असतात की, जे तारखेला पैसे येताच मित्रांना परमिट रूममध्ये पाट्या देतात. एकमेकांच्या बापांच्या नावांनी एकमेकांना हाका मारतात. ज्या घरात बाप आहे त्या घराकडे वाईट नजरेने कोणीही बघू शकत नाही. कारण घरातला कर्ता जिवंत असतो. तो जरी काहीही करत नसला तरीही तो त्या पदावर असतो आणि घरच्यांचं कर्म बघत असतो. सांभाळत असतो.

कोणाचा मुलगा होणं टाळता येत नाही, पण बाप कधीच बाप होण्याचं टाळत नाही. आईच्या असण्याला अथवा आई होण्याला बापामुळे अर्थ असतो. कोणत्याही परीक्षेचा निकाल लागल्यावर आई जवळची वाटते. कारण ती जवळ घेते, कवटाळते, कौतुक करते, पण गुपचूप पेढ्यांच पुडा आणणारा बाप कोणाच्याच लक्षात राहत नाही. पहिलटकरणीचं खूप कौतुक होतं. पण हॉस्पिटलच्या आवारात अस्वस्थपणे वावरणाऱ्या त्या बाळाच्या, बापाची कोणीही दखल घेत नाही. चटका बसला, ठेच लागली, फटका बसला तर 'आई गं' हा शब्द बाहेर पडतो. पण रस्ता पार करताना एखादा ट्रक जवळ येऊन ब्रेक लावतो तेव्हा 'बापरे' हाच शब्द बाहेर पडतो. छोट्या संकटांसाठी आई चालते, पण मोठमोठी वादळ पेलवताना बापच आठवतो. काय पटतंय ना?

कोणत्याही मंगल प्रसंगी घरातली सगळी जातात. पण मयताच्या प्रसंगी बापालाच जावे लागते. कोणताही बाप श्रीमंत मुलीच्या घरी जास्त जात नसतो, पण गरीब लेकीच्या घरी उभ्या-उभ्या का होईना चक्कर मारतो. तरुण मुलगा घरी येतो तेव्हा बापच जागा असतो.

मुलाच्या नोकरीसाठी साहेबांपुढे लाचार होणारा बाप, मुलीच्या स्थळासाठी उंबरठे झिजवणारा बाप घराच्यासाठी स्वतःच्या व्यथा दडपणारा बाप, खरंच किती ग्रेट असतो? वडिलांचं महत्त्व कोणाला कळतं? लहानपणीच वडील गेल्यावर अनेक जबाबदाऱ्या खूप लवकर पेल्यावा लागतात. त्यांना एकेका वस्तूसाठी तरसावं लागतं. वडिलांना खऱ्या अर्थाने समजून घेते ती म्हणजे त्या घरातली मुलगी. सासरी गेलेल्या अथवा घरापासून दूर असलेल्या मुलीला बापाशी फोनवर बोलताना बापाचा बदलेला आवाज एका क्षणात कळतो. ती अनेक प्रश्न विचारते. कोणतीही मुलगी स्वतःच्या इच्छा बाजूला ठेवून बाप म्हणेल तेव्हा विवाहाच्या बोहल्यावर चढते. मुलगी बापाला जाणते, जपते. इतरांनाही असंच आपल्याला जाणावं, जपावं हीच बापाची किमान अपेक्षा असते.

□□□

ज्योत

हवा दिवा वंशाला असं वाटतं प्रत्येकाला
परंतु ज्योत हवी दिव्याला
असं वाटतं का कुणाला ? ||१||

गर्भाच्या उबेला जाणून घेण्याची
असेल इच्छा मला,
पण मी जाणून घ्यावं तिच्या
छायेला असं वाटतं का कुणाला ? ||२||

मातृभूमीला स्पर्श करण्याची
पाहण्याची असेल इच्छा मला
पण, मी जाणून घ्यावं ह्या काळ्या
मातेला असं वाटतं का कुणाला ? ||३||

पोटातच मरणाच्या कित्येकजणी
मीरा, लता असेल कुणी
कुणी असेल झाशीची राणी
मरावं न येताच जन्माला
असं वाटतं का कुणाला ||४||

या सुंदर जगात मी वावरावं
माझ्या कलागुणांना वाव मिळावा
असं वाटत नाही का कुणाला ? ||५||

नात्यांची सांगड घालताना
आई, बायको, सून हवीयेत सगळ्यांना
पण मग मुलगी नकोय का कुणाला ? ||६||

विज्ञानां प्रगती मोठी केली
परंतु तीच माझ्या जीवावर बेतली
हे कुठेतरी हवं थांबायला
असं वाटतं का कुणाला ||७||

- मृणाल विष्णू जोशी (S.Y.B.A.)



एक स्वप्न पहावे साकार होणारे

एक स्वप्न पहावे साकार होणारे
जीवन जगावे प्रेरणा देणारे
मित्र असावे हृदयून जाणारे
प्रयत्न करावे प्रवाहासारखे सतत वाहणारे
'वारं असावे बदलांचे
एक घर असावे आसऱ्याचे
बळ असावे परंपरांचे
भय नसावे उडण्याचे''

दृष्टी हवी अवकाशा पाहण्याची
क्षण असावा हृदयात साठणाऱ्या
अनुभव घ्यावा कधीही न विसरणाऱ्या
वाचा हवी गोड वाटणाऱ्या
मनं हवं दुसऱ्याला लाजवणाऱ्या
संधर्ष असावा स्वप्नपूर्ती करणाऱ्या

एक श्वास व्हावा सर्वांना लागणाऱ्या
विश्वास हवा शेवटपर्यंत टिकणाऱ्या
वृत्ती हवी प्रवृत्ती सांभाळण्याची
वेळ असावी निवृत्ती घेण्याची
इच्छा हवी आशा बाळगण्याची
आकांक्षा हवी हातपाय चालवण्याची
तयारी हवी स्पर्धा खेळून जिंकण्याची

माणसं भेटावी स्पंदने जागवणाऱ्या
इच्छाशक्ती हवी काहीतरी पूर्ण करण्याची
कार्य करावे अभिमान वाटणाऱ्या
कला असावी माणसे जपून जगण्याची
'स्वप्न बघावी उद्याची
वाटचाल करावी यशाची
ओळख बनवावी स्वतःची''

- आदित्य दळवी (S.Y.B.B.A.)

‘बिट्टू बोर्डात आला’

उदय चिमा बेंढारी (T.Y.B.A.)

‘बिट्टू बोर्डात आला’ ही बातमी हा हा म्हणता वाऱ्यासारखी सगळ्या गावात पसरली. बिट्टूच्या बापाला इतका आनंद झाला, की सगळ्या गावाला त्याने पेढे वाटले. ‘पोरानं नाव काढलं शेवटी!’ असं कौतुकाने बोलू लागला.

बिट्टू मात्र या आनंदाच्या प्रसंगी सकाळपासून गायब होता. बिट्टू सकाळी शाळेत निकाल बघायला गेला. त्यानंतर तो परत घरी आलाच नव्हता. शाळेत चौकशी केल्यानंतर कळले, बिट्टू सकाळीच निकाल घेऊन गेलाय आणि नेहमीप्रमाणे तो नापास झालाय !’ पण खुद्द बोर्डाच्या ऑफिसातूनच, ‘तुमचा चिरंजीव बोर्डात आलाय’, असा बंडूच्या वडिलांना फोन आला होता. बिट्टू नापास नाही; तर पास झाला होता. चक्क बोर्डात आला होता.

आता हे नेहमीचं झालंय. आधी निकाल द्यायचा ‘नापास’ आणि नंतर मागून बोर्डावाले कळवतात, ‘सॉरी हं ! थोडी चूक झालीय आमची ! अभिनंदन. तुमचा मुलगा-मुलगी पास झाली आहे. बोर्डात आली आहे. चुकभूल देणे-घेणे’.

तोपर्यंत पोरगा बरं-वाईट करून मोकळा. बिट्टू सकाळपासून गायब झाल्याने बापाचा जीव टांगणीला लागला होता. पोरानं जिवाचं बरं वईट काही केलं तर... ?

बिट्टूचा सगळीकडे शोध घेऊनही बिट्टू काही सापडला नाही. बिट्टूच्या आई-बापाला बिट्टूची काळजी वाटू लागली होती.

सगळ्या गावाला बिट्टूचं कौतुक वाटत होतं. ‘बिट्टू बोर्डात आलाय’ या बातमीने तर माझा आनंद गगनात मावेनासा झाला. बिट्टू आपला लंगोटी मित्र. तो दहावीत अडकला. मी पुढं गेलो, पण ही मैत्री अजून आम्ही टिकवून ठेवलेली आहे. बिट्टू शाळेत कधीच हुशार नव्हता. कसातरी आपला पास व्हायचा; पण बिट्टू तसा सरळमार्गी काँपी करणे, कुणाचे पेपर उतरवून काढणे, असला प्रकार कधी केला नाही.

दहावीच्या पेपरला तो माझ्या पुढंच होता. वाटलं, इंग्रजी-गणिताच्या पेपरला बिट्टूला थोडीफार मदत करावी; पण छे ! बिट्टू लय ताठ. मागे वळून पाहणं नाही. खाली मान घालून काहीतरी खरडत राहिला. मी जरा थोडं रागाने बोललोही. ‘बिट्टू, ढ गोळ्या, पिक्वरची स्टोरी लिहितोस की काय ?’ पण बिट्टूचा हूं नाही की चू नाही.

चार वर्ष ! गेली चार वर्षे बिट्टूचा एकनिष्ठपणे ऑक्टोबर-मार्चच्या वाऱ्या करत होता. आज तपश्चर्या फळाला आली. घेतलेल्या

मेहनतीचं चीज झालं; पण बिट्टू असा गेला कुठं? त्यात त्याने आपला मोबाईल घरीच ठेवला होता. संपर्क करायचा तरी कसा ? त्याची फार काळजी वाटू लागली मला.

रात्री नऊला बिट्टूच्या घरी गेलो. बिट्टू नुकताच घरी आला होता. त्याला पाहून जीव भांड्यात पडला. बिट्टूच्या आईने मोठ्या कौतुकाने त्याची दृष्ट काढली. बिट्टूच्या वडिलांनी प्रेमाने आपल्या हाताने त्याला पेढा भरवला. आईने त्याला जेवू घातलं. पण बिट्टूचा चेहरा मात्र कुणाला तरी ‘पोहोचून’ आल्यासारखा गंभीर वाटत होता.

बिट्टूचे वडील बिट्टूला म्हणाले “बिट्टू बाळ, दमला आहेस तू खूप. उद्या निवांत बोलू. आराम कर आता.”

रोजच्याप्रमाणे बिट्टू आणि मी गावच्या तालमीत झोपण्यासाठी गेलो. चटई टाकली. बिट्टूला म्हणालो, “बिट्टू, असा शांत का रे ? आज तर मोठा आनंदाचा दिवस ! कौतुक करावं तेवढं थोडंच आहे तुझं.”

“नापास झालेल्याचं कसलं आलंय कौतुक ?” बिट्टू म्हणाला.

“बिट्टू तू नापास नाही, पास झालाय. चक्क बोर्डाच्या ऑफिसातून तुझ्या वडिलांना फोन आला होता सकाळी. आपले बोर्डावाले; पण लय भारी. आधी नापास म्हणून निकाल देतात. नंतर पास म्हणून कळवतात.” मी बिट्टूला समजावलं.

बिट्टू माझ्याकडे पाहत उदासपणे म्हणाला, “नाही मित्रा, मी खरच नापास झालोय. गेल्या चार वर्षांत आठ वेळा परीक्षेला बसलो. वाटलं होतं. या वेळेस तरी पास होऊ पण नाही. आपलं नशिबच पालथं. सकाळी निकाल घेतला आणि सरळ पुण्याला एस.एस.सी बोर्डाच्या ऑफिसात गेलो. काय गोंधळ आहे ? पाहू म्हटलं. एक साहेब भेटला, फार चांगला होता. मला पाणी, चहा पाजला. कोण ? कुठला ? आपुलकीने माझी बिचाऱ्याने चौकशी केली. मी घरी न सांगता एकटा पुण्याला एवढा लांब आलो म्हणून माझ्या बापाला ‘बिट्टू’ बोर्डात आलाय, काळजी करू नका’ म्हणून फोन केला, त्या साहेबाने ! मी बोर्डात नव्हे, बोर्डाच्या ऑफिसात आलोय, हे त्यांना सांगायचं होतं. पण सगळ्यांचा मोठा गैरसमज झाला.”

बिट्टूचाचं बोलणं ऐकून मी कपाळावर हात मारून घेतला. आता बिट्टूचा प्रमाणे मलाही प्रश्न पडला... उद्या बिट्टूच्या बापाचा आणि गाववाल्यांचा गैरसमज दूर कसा करायचा ?

□□□

व्यापार मेळा - २०१६

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*If you want to achieve something that you
have never before,
You have to do something that you
never did before.*

आपल्या कॉलेजमध्ये जेव्हा कोणताही उपक्रम असतो, तेव्हा संबंधित विभागातील शिक्षक व विद्यार्थी त्याच्या तयारीला लागतात. कॉमर्स असोसिएशन आयोजित व्यापार मेळा नेहमीच यास अपवाद असतो. हा मेळा फक्त वाणिज्य शाखेपुरताच मर्यादित न राहता कॉलेजमधील इतर शाखा व इतर कॉलेजमधील विद्यार्थी यांना संधी देणारा असतो. एवढा मोठा मेळा साजरा करण्याचे कॉलेजचे हे दुसरे वर्ष आहे. महाविद्यालयात २ व ३ फेब्रुवारी २०१६ रोजी आयोजित केलेला व्यापार मेळा एखादा उत्सव असल्याप्रमाणे साजरा केला गेला. विद्यार्थ्यांनी ७० दालनांमधून विविध प्रकारच्या वस्तूंचे प्रदर्शन व विक्री केली. त्यात पहिला प्रकार होता स्वतः बनविलेल्या वस्तू किंवा खाद्यपदार्थांची विक्री. दुसरा प्रकार होता वस्तूंचा व्यापार करणे आणि तिसरा प्रकार होता आपल्या वस्तुसंग्रहाचे प्रदर्शन करणे.

या मेळ्याला शहरातील विविध महाविद्यालयांतील सुमारे दहा हजार विद्यार्थ्यांनी भेट दिली असून प्राचार्य डॉ. राजेंद्र झुंझारवा, संयोजक डॉ. विजय गायकवाड, समन्वयक प्रा. राहुल जाधव, प्रा. श्रद्धा हिरवे, व इतर शिक्षकांच्या सहकार्यातून व मार्गदर्शनाखाली हा उपक्रम यशस्वीरीत्या पार पडला. आणखी एक खास बाब म्हणजे कार्यक्रमाला प्रमुख पाहुणे म्हणून सुप्रसिद्ध उद्योजक श्री. डी. एस. कुलकर्णी लाभले होते. श्री. कुलकर्णी यांच्या म्हणण्याप्रमाणे, विद्यार्थ्यांना कार्यरत करण्यासाठी, आयुष्यात आलेली मरगळ झटकण्यासाठी मॉडर्न कॉलेजच्या प्राचार्य, प्राध्यापक यांनी सुरु केलेली ही व्यवसायाची चळवळ खरोखर तरुणांना घडवणारी, स्वतःच्या पायावर उभे करणारी आहे.

एक व्यापार मेळ्याचा उपक्रम परंतु त्याच्या प्रत्येक पैलूतून विद्यार्थ्यांना विविध प्रकारे व्यावहारिक ज्ञान मिळावे हे उद्दिष्ट शिक्षकांच्या अनमोल मार्गदर्शनाखाली पूर्ण झाल्याचे जाणवले. मग ते स्वयंसेवकासाठी एखाद्या कार्यक्रमाच्या नियोजनाचे धडे असोत वा एखाद्या विद्यार्थ्यालाच संपूर्ण कार्यक्रमाचे छायाचित्रण करण्याची संधी असो, वा ग्राहकास आपल्या वस्तूची ओळख कशी करून द्यावी अथवा त्याची विक्री कशी करावी यासारखी विविध marketing

techniques आम्हा विद्यार्थ्यांना शिकण्यास मिळाली. एखादी गोष्ट बाजारात विकण्यासाठी किंवा ग्राहकांना आकर्षित करण्यासाठी किती कष्ट घ्यावे लागतात याचाही अनुभव मिळाला.

कचऱ्याचे व्यवस्थापन व व्यवसायाला अनुरूप पोषाख यांसारख्या अनेक गोष्टी आम्हाला एखादा आदर्श व्यावसायिक कसा असावा हे शिकवणाऱ्या होत्या. त्यासाठी 'Best Business Dress Competition', 'Best Entrepreneur' आणि 'Best Garbage Management' अशी पारितोषिकेही ठेवण्यात आली होती.

नाही नाही म्हणता 'Anything you fear is teaching you courage to overcome your fear' या Attitude ने मी आणि माझ्या वर्गातील हर्ष, श्रद्धा आणि ऋषीकेश आम्ही चौघांनी मेळ्यामध्ये भाग घ्यायचा असे ठरविले. भाग घ्यायचा हे

तर ठरलं, पण आता ठेवायचे काय ? हा उद्योजकाला पडणारा पहिलावहिला प्रश्न आम्हाला देखील पडला. त्यावर प्रत्येकाला विविध कल्पना सुचल्या. त्यातून आम्ही सर्व सहमतीने खाद्यपदार्थ ठेवण्याचे ठरविले. त्यात आम्ही स्वतः बनविलेले चॉकलेटस्, भेळ आणि सॅडविच ठेवले होते.

काय ठेवायचे ठरल्यानंतर त्यासाठी लागणाऱ्या साहित्याची आम्ही खरेदी केली. खरेदीच्या वेळी आलेला अनुभव म्हणजे Bargain कसे करायचे. कारण जास्त प्रमाणात साहित्य घेतले जाणार होते आणि ते सर्व विकण्याची करामतही करून दाखवायची होती.

साहित्य खरेदी केल्यानंतर पदार्थ बनवण्याची धावपळ सुरु झाली. एखादा परिवार जसा weekend ला बाहेर जाऊन enjoy करतो त्यापेक्षाही जास्त मजा आम्हाला weekend ला घरी एकत्र चॉकलेटस् तयार करताना आली. दुसऱ्या दिवशी चॉकलेटस् तयार झाल्यावर आम्ही सर्व खर्च विचारात घेऊन त्यांची किंमत ठरवली. या दरम्यान आम्ही आमच्या स्टॉलची जाहिरात करण्यासाठी पोस्टर बनविले, Pamphlets लिहिली, वर्गामध्ये जाऊन माहिती दिली. यातूनच जाहिरात कशी करावी हे शिकता आले.

या सगळ्या पूर्वतयारीनंतर व्यापार मेळ्याचा पहिला दिवस उजाडला. सकाळी ७.३० ला स्टॉल सजवण्याची आमची लगबग चालू झाली. थोड्याच वेळत उद्घाटनाचा सोहळा प्रमुख पाहुण्यांच्या



हस्ते पार पडला आणि विद्यार्थ्यांची स्टॉलवर येण्याची गर्दी वाढू लागली. पहिल्यांदाच व्यापारी म्हणून ग्राहकांना सामोरे जात असल्यामुळे मनात थोडी भीती होती. परंतु ती भीती फार काळ राहिली नाही. कारण खेळण्यासाठी मैदानात उतरल्यावर भीती बाळगून कसे चालेल? बघता बघता संपूर्ण मैदान ग्राहकांनी गजबलेलं होतं. पालक व इतर महाविद्यालयांतील विद्यार्थीसुद्धा मेळाला भेट देण्यास आले होते. सर्वत्रच जोरदार खरेदी-विक्री चालली होती. आम्ही सर्वजण इतके गुंग झालो होतो, की पहिला दिवस कधी संपला कळालेच नाही.

मेळ्याच्या दुसऱ्या दिवशी आमच्यात जास्त उत्साह, आत्मविश्वास आणि पहिल्या दिवसाचा अमूल्य असा अनुभव होता. त्यातूनच शिकवण घेत दुसऱ्या दिवशी आम्ही विक्रीच्या पद्धतीत थोडा बदल केला. ग्राहक तर आपल्यापर्यंत येतच आहेत, परंतु आपणही जर ग्राहकांपर्यंत पोहचून त्यांना वस्तु पुरविल्या तर विक्रीचा दर वाढेल असा आम्ही अनुमान लावला आणि चक्क तसे झालेही. दुसऱ्या दिवशी जवळपास दुप्पटीच्यावर विक्री झाली.

दुसऱ्या दिवसाच्या संध्याकाळी प्राचार्य डॉ. राजेंद्र झुंजारराव यांच्या मार्गदर्शनाखाली समारोप समारंभ पार पडला. त्यामध्ये अनेक विद्यार्थ्यांनी स्वतःचे मनोगत व्यक्त केले. काहींना नफा झाला तर काहींना नुकसानही सहन करावे लागले. झालेला तोटा पचवून त्यामागील कारणे शोधून त्यावर उपाय काढला पाहिजे आणि त्याचबरोबर झालेल्या नफ्याने भारावून न जाता आणखी चांगल्या पद्धतीने व्यवसाय कसा करता येईल यावर विचार केला पाहिजे. ही भावना सर्वांमध्ये होती. सर्वांनीच या मेळ्यातून अनुभव हा शाश्वत नफा कमविला एवढे मात्र नक्की.

खरं शिक्षण हे चार भिंती किंवा पुस्तकांपुरते मर्यादित नसून त्या पलीकडे स्वतः प्रत्यक्ष अनुभवण्यात आहे. संपूर्ण वर्षभरात वर्गात बसून विपणन व व्यवस्थापनाचे धडे शिकायला जेवढी मजा आली नव्हती तेवढी मजा व व्यावहारिक ज्ञान मिळविण्याचा उत्साह विद्यार्थ्यांमध्ये या दोन दिवसांमध्ये दिसून आला. हे दोन दिवस म्हणजेच आमची जणू काही एखादी 'प्रॅक्टिकल परीक्षा'च होती. कोणतेही काम कमी दर्जाचे नसते व एकत्रितपणे काम करत असताना 'एकमेका सहाय्य करू अवघे धरू सुपंथ' या तुकाराम महाराजांच्या ओळी कशा अंमलात आणायच्या व सहकाऱ्यांना साथ देत आपले उद्दिष्ट कसे साधायचे याचे 'व्यापार मेळ' हे एक उत्तम उदाहरण आहे.

या उपक्रमाचे उद्दिष्ट हे विद्यार्थ्यांमधील उद्योजक शोधून त्यांच्यामध्ये उद्योजकतेचे गुण विकसित करण्याचे होते. विद्यार्थ्यांना आपण स्वतः एखादा उद्योग करण्यास किती समर्थ आहोत व कोणत्या आघाडीवर आपल्याला आणखी परिश्रम घेण्याची गरज आहे हे दाखविण्याचे होते.

ही उद्दिष्टे १०० टक्के पूर्ण तर झालीच परंतु त्याचबरोबर ते दोन दिवस व त्या अगोदरच्या तयारीच्या दिवसांमध्ये आलेला अनुभव व त्याही पलीकडे आलेला आनंद हा खऱ्या अर्थाने व्यापार मेळ्याचे उद्दिष्ट सार्थ करणारा होता.

'Doing hundred lessons from books is still not equivalent to one practical lesson.'

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ओपन सिक्केट

ओटांवरील बिराची सेट होती ब्यारी
हनुवटीवरील खुटाची बिजास होती भारी
हे इथं सारं वाळवंट झालं
त्याचं मुळीच दुःख नाही
पण स्वाभिमानाची खुटही
आता जगण्याला जागा नाही

शब्दाला जगण्याची रीत होती भारी
सकट्यात राहून गर्दीची मजा होती सारी
आता शब्दही लिहिले पुष्कळ
भावनांचा आवेग जरी
विश्वास बाव भाणसांचा
पान संपल्या रेघेवरी

वळणांच्या वाटा होत्या
वाटेलाही वळणं होती
सरळ गेली पाऊलवाटही
वळणांचीच बनली होती
आवा गेल्या, वळणं गेली
ज्याचे त्याचे मार्ग आले
म्हणून चालता घोलता भाणसे इथं
'यू टर्न' घ्यायला भोक्के झाले
होणार तेच होते
झालेही तेच आहे
भाणसाहूनी सोनं
नेहमीच महाग आहे

वाटायची लाज तेव्हा
आता तीही वाटत नाही
कपड्यांनी भाणूसच झाकला आहे
भाणसाचं भाणूसपण अजूनही झाकलं नाही.

शब्दासाठी जगण्याचं
आता शब्दांतच राहून गेलंय
चुकून लिहिलं असेल कावळ्याचं
खरं तर चिमणीचं भेणाचं घर
पावसाविनाच वाहून गेलंय.

- अंकुश रामदास आरेकर (S.Y.B.A.)

उद्या नाही, आज आनंद शोध

वैभव भूमकर (तृतीय वर्ष शास्त्र-रसायनशास्त्र)

आयुष्यातील सर्वात मौल्यवान गोष्ट म्हणजे आनंद. गमतीची गोष्ट अशी, की मौल्यवान असूनही ती परमेश्वरानं आपल्याला विनामूल्य दिली. त्याहून गमतीची गोष्ट म्हणजे, आपल्यापैकी बऱ्याच लोकांना आयुष्य संपेपर्यंत त्याचा थांगपत्ता लागत नाही. आनंद ही आपल्या सर्वांच्या आयुष्यातील मानसिक आणि भावनिक स्थिती. त्यावेळी मनाची सकारात्मक भावना दर्शविली जाते. मात्र, आपल्या सर्वांच्या आयुष्यात आनंदाबरोबर काहीतरी वेगळंच घडतं.

आपणास आयुष्याच्या एखाद्या किंवा प्रत्येक क्षणाला वाटतं, की यापेक्षा येणाऱ्या क्षणाला अधिक आनंदी नक्की होऊ आणि अगदी त्याचसारखं होतं. पुढच्या क्षणाच्या आनंदाच्या मोहापायी, वर्तमानातील खरा आनंद हरवून बसतो आणि त्याचं अत्यंत समर्थक उदाहरण, म्हणजे आपलं विद्यार्थिदशेतील जीवन.

त्याची सुरुवात आपल्या निरागस, कोवळ्या आणि बागडण्याच्या वयापासून होते. अर्थात हिंडण्याच्या, मनसोक, जगण्याच्या शालेय जीवनापासून होते. तिसरीत गेल्यावरच आपणास चौथीच्या स्कॉलरशिप एक्झामबद्दल मनावर बिंबवलं जातं आणि सुरू होतो, तो न आवडणारा अभ्यास. त्यावेळी वाटतं, एकदाची ही परीक्षा झाली, की पुन्हा बागडू, खेळू आणि आनंदी नक्की होऊ. त्यानुसार सर्व काही विसरून आपण अगदी मनापासून, स्वतःला झोकून अभ्यास करतो. परीक्षेला सामोरे जातो आणि यशही मिळवतो. मग आनंदी व्हायचे आहे असं ठरवतो. मात्र, घडतं सगळं भलतंच.

ते असं, की पाचवीला प्रवेश घेतल्यावरच पुन्हा सातवीच्या परीक्षेचं चौथीत मिळालेल्या यशामुळे वेध लागतात आणि सर्व काही विसरून पुन्हा चौथीसारखा अभ्यास सुरू होते. त्यावेळी पुन्हा वाटतं, की आता सातवीच्या स्कॉलरशिप एक्झामनंतर नक्कीच आनंदी होऊ आणि त्यानुसार आणि सर्व काही विसरून आपलं सर्वस्व पणाला लावतो. परीक्षा होते आणि मनासारखे गुणही मिळतात. आता आपल्याला नक्की आनंदी व्हायचंय अशी स्वप्नं रंगवत असतानाच आपला आठवीत प्रवेश होतो. आठवीत आल्याबरोबरच आपणास बोर्डात आलेल्या अनेक मुलांच्या यशोगाथा ऐकायला येतात आणि आपण बोर्डाच्या पायाभरणीला सुरुवात आठवी आणि नववीपासूनच होतो. अर्थात दहावीची खिंड लढवण्याची तयारी सुरू करावी लागते. त्यावेळी पुन्हा वाटतं, की एकदाची दहावीची परीक्षा संपली, की नक्की आनंदी होऊ. त्यानुसार टीकी, मित्र विसरून आपण मनापासून चांगला अभ्यास करतो. परीक्षा होते. आपण आधी ठरवल्याप्रमाणे पुढील आनंदाची स्वप्नं रंगवत असतानाच सुट्ट्या लागतात. मात्र, आधुनिक जगात संगणकांचं

ज्ञान आवश्यक असल्यामुळे तीन महिन्यांची सुट्टी खऱ्या अर्थानं एमएससीआयटीसाठी आहे असं वाटतं आणि आपण प्रवेश घेतो.

त्यानंतर सिनेमात दाखवल्याप्रमाणे आपण कॉलेज जीवनाच्या स्वप्नांचे इमले बांधायला सुरुवात करतो किंवा त्यात रमतो. त्यातच दहावीचा निकाल लागतो. घरी सगळीकडे कौतुक होतं आणि लगेचच अकरावी प्रवेशाची धावपळ सुरू होते. त्यानंतर वर्ग सुरू होतात. प्रमेय, रसायन, पेशी, सिद्धांत, खाते इत्यादी आपल्यासमोर येतात आणि आयुष्याचा टर्निंग पॉइंट ठरवणारी एक्झाम अर्थात बारावी बोर्डाच्या परीक्षेचे आपणास वेध लागतात. त्याची तयारी अगदी अकरावीपासूनच सुरू होते. त्यावेळी पुन्हा वाटतं, की एकदाची बारावी बोर्डाची परीक्षा झाली, की नक्की आनंदी होऊ आणि आपण त्याच उमेदीनं, जोशानं अभ्यासाला लागतो. निकाल येतो. मनासारखं महाविद्यालयाय मिळतं आणि ठरल्याप्रमाणे आपण आनंदी व्हायचं ठरवतो.

फर्स्ट इयरचे काही दिवस ओळखी होण्यात आणि जुळवून घेण्यात जातात. ऑल क्लीअरच टेन्शन येतं. मग पुन्हा गॅदरिंग, ट्रिप, कट्टा विसरून अभ्यास करावा लागतो. त्यावेळी वाटते, की एकदाचा ऑल क्लीअर झालो की, सेकंड इअरला सगळ्याची मजा घेऊ. मात्र, इतरांचे फर्स्ट इयरचे 'मोअर दॅन ९०' पाहून आपणही त्याच्या जवळपास पोहोचावं अर्थात डिस्टिंक्शन घ्यावं असं वाटतं. परत अभ्यास सुरू. त्यावेळी वाटतं, की थर्ड इयरला नक्की आनंदी होऊ आणि अभ्यास करतो. सेमिस्टरला मनासारखं डिस्टिंक्शन मिळतं, त्यानंतर थर्ड इयरला आल्यावर सेमिनार, प्रोजेक्ट, क्विज, कॅम्पस यांचा रतीब चालू होतो. त्याचबरोबर करिअरची चिंता, विद्यापीठ एन्ट्रन्स यांच्यामुळे अभ्यासासाठी झोकून घावं लागतं आणि त्याचवेळी जाणीव होते, की आपलं विद्यार्थी जीवन संपलं. आता नोकरी आणि आयुष्य. त्यावेळी वाटतं की, आपलं आनंदी व्हायचं राहूनच गेलं. भविष्यातील आनंदाच्या हव्यासापोटी आपण हातचा आनंद गमावून बसलो.

अभ्यास हा आपल्या विद्यार्थी जीवनाचा अविभाज्य घटक आहे आणि तो तर आपल्याला करावाच लागणारा आहे. त्याशिवाय गत्यंतर नाही. मात्र, त्याबरोबर मित्र, मैत्रिणी, आनंद इतर गोष्टीही महत्वाच्या आहेत. तसंच, तुमच्याकडे यश आहे. मात्र, ते साजरं करायला कुणी नसेल, तर त्याचा काही उपयोग नाही. ते यश पोरकं म्हणावं लागेल. त्यामुळे क्षणाचा आनंद घ्या, प्रत्येक क्षण अखेरचा क्षण म्हणून जगा. प्रत्येक क्षण जगण्याआधी आपल्याला आनंदी व्हायचंय, असं प्रत्येकानं नक्की ठरवा.

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डॉ. वि. वि. तथा आप्पा पेंडसे - एक प्रेरणास्रोत

शुभम शेंडगे (S.Y.B.Sc. 'B')

ज्ञानप्रबोधिनीचे संस्थापक आदरणीय आप्पा पेंडसे यांच्या जन्मशताब्दी वर्षानिमित्त विशेष लेख...

ज्ञान प्रबोधिनीची स्थापना कै. आप्पा पेंडसे, म्हणजेच डॉ. विनायक विश्वनाथ पेंडसे यांनी केली. आप्पांचा जन्म १७ ऑगस्ट १९१६ ला झाला. त्या काळच्या मुलांना चाफेकर बंधू, स्वातंत्र्यवीर सावरकर यांचं शौर्य, भगतसिंग, सुखदेव, राजगुरु यांचं बलिदान प्रेरणा देत असे. आप्पा दहा वर्षांचे असताना आर्यसमाजाचे थोर संन्यासी स्वामी श्रद्धानंद यांची एका धर्मवेड्या व्यक्तीने हत्या केली. त्या वेळी आप्पांनी प्रतिज्ञा घेतली, की मी स्वामी श्रद्धानंदांची जागा घेईन!

रूप पालटू देशाचे !

आप्पांचा नेहमीच एकच विचार होता की आपल्या देशाचा सर्व क्षेत्रांत विकास व्हायला असेल तर प्रत्येक क्षेत्रात गुणी, बुद्धिमान, नेतृत्व करू शकणारी राहाणी माणसं हवीत. अशी माणसं शिक्षणानेच तयार होऊ शकतात. अशा माणसांनी एकत्र येऊन आणि हजारो माणसांना एकत्र आणून देशहिताची मोठमोठी कामं करावीत. म्हणजेच संघटना उभी करावी. देशापुढचे प्रश्न सर्वांनी एकत्र शक्ती-बुद्धी एकवटून सोडवावेत. देशातील बुद्धिमान मुलांचा शोध घेऊन देशाचे प्रश्न सोडवण्याच्या कामी ती बुद्धिमत्ता आणि कर्तबगारी समर्पित व्हावी यासाठी त्याला देशभक्तीचे संस्कार पाहिजेत. यासाठी आप्पांनी १९६२ मध्ये 'ज्ञान प्रबोधिनी' ची स्थापना काही समविचारी मित्रांसमवेत केली. 'प्रबोधिनी' म्हणजे जागविणारी!

प्रबोधिनीचं आजचं रूप :

आज प्रबोधिनीचं जे कार्य दिसतं त्यामागे शिक्षणशास्त्र आणि मानसशास्त्र यातील संशोधनाची सखोल आणि मजबूत बैठक आहे. प्रबोधिनीचं काम हे शेती, उद्योग, संशोधन, ग्रामविकास, राजकारण, समाजकारण अशा सर्व क्षेत्रांतील नेतृत्वाचा पाया घडविला जातो. प्रबोधिनीची पहिली शाळा पुण्यात १९६९ मध्ये सुरू झाली.

उपासना-उपासना!

'भारतीय जीवन हे देवभक्ती आणि देशभक्तीच्या पायावर उभं आहे. त्यामुळे उपासना हा आपल्या सगळ्यांच्या जीवनाचा महत्वाचा भाग आहे.' असं आप्पा सांगत. गायत्री मंत्राच्या मदतीने आपण संकल्प-उपासना केली पाहिजे. आप्पा आयुष्याच्या अंतापर्यंत रोज उपासना करत होते.

संकटात धावून जायचं!

आप्पांनी आणखी एक महत्वाचं सूत्र प्रबोधिनीला दिलं, ते म्हणजे देशात कुठेही, कुठल्याही प्रकारचं संकट येऊन उभं राहिलं तर आपण मदतीला धावलं पाहिजे. कोयना भूकंप, आंध्रचे वादळ, बिहारचा, किल्लारीच्या भूकंप इ. देशसंकटांमध्ये प्रबोधिनीचे कार्यकर्ते आप्पांच्या प्रेरणेनं धावून गेले व तेथे यांनी खूप कष्टपूर्वक काम केले. पंजाबात खलिस्थानची मागणी जोर धरत होती. त्या धोक्याच्या परिस्थितीत सुद्धा आप्पांनी कार्यकर्त्यांनी पंजाबात जाऊन शीख बांधवांचं मन वळवण्याचा प्रयत्न केला व ऐक्याचे धागे गुंफले.

उत्तमतेचा ध्यास :

विज्ञान आपलं भोवतालचं जीवन उत्तम करायला, प्रगत करायला आपल्याला मदत करतं. विज्ञानाच्या शोधांनी जगात क्रांती घडवून आणली आहे. अभ्यासाने म्हणजे ईश्वराच्या शोधाने आपल्या माणसातला देव पाहायला शिकवलं आहे. उत्तम जीवन म्हणजे उत्तम विचार आणि उत्तम कृती. आप्पांच्या लहानमोठ्या गोष्टीत उत्तमतेचा ध्यास असे; पण सामूहिक रीतीने कोटी कोटी लोकांनी केलेला उत्तम विचार, उत्तम संकल्प देशाचं आणि मानवतेचंही रूप पालटतील असा त्यांचा विश्वास होता.

अशा या अनंतपैलू व्यक्तिमत्त्वाचा अस्त १९ ऑगस्ट १९८३ ला झाला. त्यांच्या निधनानंतरही प्रबोधिनीचं काम दशदिशांना विस्तारलं, झेपावलं.

शिवापूरचा यंत्रोद्योग - मा. वसंतराव नाईक मुख्यमंत्री असताना महाराष्ट्र शासनाने ज्ञान प्रबोधिनी संस्थेच्या ग्राम विकसन कार्याची माहिती घेऊन मा. आप्पा पेंडसे यांच्याशी चर्चेनुसार खेड-शिवापूरला शासनाच्या दहा एकर जमिनीवर आप्पांनी उद्योग सुरू केला. त्या उद्योगासाठी शिवापूर परिसरातील बावीस गावांमधून कमी शिकलेले तरुण व मध्यमवयीन माणसे कामास येत. या यंत्रशाळेतील कामगार त्यावेळी पुण्यातील किलोस्कर ऑइल इंजिन्सच्या सुट्या भागांचे काम करत असत. कात्रज घाटाच्या दक्षिणेस हा पहिलाच कारखाना होता.

प्रेरणादायी आप्पा - १९६२-६३ सालची गोष्ट असेल. पुणे विद्यापीठातील मानसशास्त्र विभागात आप्पा शैक्षणिक मानसशास्त्र हा विषय शिकवीत असत. विद्यापीठात शिकवीत असतानाही त्यांनी आपला भारतीय पेहराव बदललेला नव्हता. त्यांच्या वागण्या-बोलण्यातूनही त्यांचा स्वभाव लक्षात यायचा. सर्वांशीच ते अतिशय आदराने व गोड बोलत असत. त्यांचे बोलणे व संवाद करण्याची पद्धत वेगळी होती.

मुलापेक्षा मुलगी बरी

ओक्सा बोकशी चडत तो, बायकोलाही चडवीत होता
दगडाच्या देवाला, मुलगाच मागत होता
ना शाप होता कोणाचा, ना पाप होते कुणाचे
पदचात सहा मुली त्या, ना दोष होता कुणाचा

सकुलता सक भी मग वंश वाढेल कसा माझा
कधी येईल माझा घरी, वंशाचा माझा राजा
वैद्याकड जाऊन झाले, खूप नवसही बोलून झाले
वंशाच्या दिव्यासाठी पोटाच्या मुलीचा बळी दिला होता
अनेक दिवस वाट पाहून, काही त्याचा उपयोग झाला
नव्हता
महाराजाच्या सांगण्यापायी, सर्व गोष्टी मान्य केल्या
अनेक गोष्टी करून देखील, सातव्यांदा मुलीचाच जन्म
झाला

नाव तिचे ठेवा नकोशी, अनेकांचा सल्ला होता
तोही प्रयोग करून झाला, मुलाचा काय पत्ता नव्हता
नंतरच्या वेळीमात्र वैद्यकीय चाचणी केली
त्यातही अपयशी झाले, गर्भपाताची वेळ आली
असा कोवळ्या कळ्या, किती जीवनभर खुडत गेलो
मुलाच्या मोहापायी, अज्ञानात बुडत गेलो
आईच्या छापापायी, बायकोने जीव दिला
सोल्यासारखा संसार माझा, क्षणार्धात उद्ध्वस्त झाला
नवी उमेद घेऊन, नव जीवनाला सुरुवात केली
पाहता पाहता मुलगीच माझी वंशाचा दिवा झाली
अज्ञानी बापाच्या त्या शिक्षित साऱ्या मुली झाल्या
कुणी डॉक्टर, कुणी वकील, शिक्षकही कुणी झाल्या.
सावित्रीच्या लेकी ह्या, विचारांचं वादळ झाल्या
मुली वाचवा 'संकल्पासाठी' परिवर्तनाच्या मशाली
झाल्या
जीवनभराच्या पश्चात्तापात, सक गोष्ट कळली खरी
मुलापेक्षा मुलगी बरी प्रकाश देते, दोन्ही घरी

- माधव काळे (S.Y.B.A. Politics Dept.)

विद्यापीठात सर्व विद्यार्थ्यांशी त्यांचे नाते अगदी सहजच जमून यायचे. स्वामी विवेकानंदंच्या आचार-विचारातून त्यांनी घेतलेली प्रेरणा सहजच जाणवायची. आप्पा आपला विषय शिकवीत असतानाच ते विद्यार्थ्यांशी अनेक विषयांवर मनमोकळ्या गप्पा मारीत. या सर्व गोष्टींमुळे आप्पा विद्यार्थ्यांशी बोलत राहायचे आणि विद्यार्थी ऐकत राहायचे ! कळत-नकळत अनेक विद्यार्थ्यांनी स्वतःला देशकार्यात वाहून घेतले याचे श्रेय आप्पांनाच !

संदर्भ : गोष्टरूप आप्पा, लेखक माधव देशपांडे, प्रकाशन - ज्ञानप्रबोधिनी, प्रकाशक - ज्ञानप्रबोधिनी, प्रकाशन दिनांक - ३० जानेवारी २०१६, लेख - 'दशपैलू आप्पा', डॉ. स्वर्णलता भिशीकर.

□□□

‘एकच आमुचे छत्रपती’

इतिहासाच्या पानावरली,
होऊन गेले राजे अति ।
कल्याणकराजी राजांमध्ये,
एकच आमुचे छत्रपती ।।
मुघल सैतान रयतेवरती,
करत होते अत्याचार ।
अस्मानी अन् सुलतानींचा,
माजला होता हाहाकार ।।
धर्म रक्षण्या देव जैसा,
युगानयुगे अवतरतो ।
मुलुख मराठी वाचवण्या,
शिवाबा तैसा जन्म घेतो ।।
महादेवच्या गर्जनेने,
मर्द भावळ्या स्फुरण चढे ।
नाव सेकता शिवरायांचे,
गनिमांची ती झोप उडे ।।
रयतेच्या कल्याणास्तव,
केली तयांनी धावाधाव ।
इतिहासाच्या पानावरली,
सुवर्ण अक्षरी तयाचे नाव ।।
कार्य तयाचे महान सेसे,
तनामनाला स्फूर्ती देते ।
ओठावरती आजही आमुच्या,
शिव-गर्जना दुमदुमति ।।
संत-महात्मे घडवणारी,
महान सेसी आमुची माती ।
या मातीने दिधले आम्हा,
एकच आमुचे छत्रपती ।।

- शुभम् प्रमिला शामराव फरगडे

मा. यशवंतरावजी चव्हाण यांचे साहित्यक्षेत्रातील योगदान

अपर्णा मस्के (M.A. II)

आधुनिक महाराष्ट्राचे शिल्पकार, कृषी व औद्योगिक क्रांतीचे जनक, महाराष्ट्राच्या आणि भारताच्या राजकारणातील लोकप्रिय आणि कणखर व्यक्तिमत्व म्हणजे मा. यशवंतराव चव्हाण. कोणतीही राजकीय पार्श्वभूमी नसताना त्यांचा राजकारणातील प्रवास सर्वांना थक्क करणारा आहे, प्रेरणादायी आहे. महाराष्ट्राचे पहिले मुख्यमंत्री, देशाचे उपपंतप्रधान, गृहमंत्री, संरक्षणमंत्री अशी महत्त्वाची पदे भूषावणारे ते अग्रणी राष्ट्रीय नेते होते. अशा या महान नेत्याला विसाव्या शतकातील आधुनिक महाराष्ट्राचे शिल्पकार म्हणून ओळखले जाते. यशवंतराव चव्हाण हे एक सच्चे स्वातंत्र्यसैनिक, लोकशाहीवादी नेता, आणि स्वतंत्र विचारांचे राजकीय नेते, समाजसुधारक, प्रभावी वक्ते, प्रसिद्ध विचारवंत आणि मानवतावादी लेखक होते. राजकारणातल्या व्यस्त कार्यक्रमातून ते लिखाणासाठी वेळ काढत. 'कृष्णाकाठ' हे त्यांचे आत्मचरित्र प्रसिद्ध आहे. त्याचप्रमाणे 'भूमिका', 'सह्याद्रीचे वारे', 'युगांतर' 'विदेशदर्शन' इ. पुस्तके त्यांनी लिहिलेली आहेत.

सांगली जिल्ह्यात असलेल्या व पूर्वीच्या सातारा जिल्ह्यातील 'देवराष्ट्रे' या आजोळच्या गावी १२ मार्च १९१३ रोजी यशवंतराव चव्हाणांचा जन्म झाला.

देवराष्ट्रेमधील यशवंतरावांचे आजोळचे घर हे या गावातल्या सामान्य शेतकऱ्यांचे घर होते. इतरांच्या शेतीवर मजुरी करून उदरनिर्वाह चाले. एकंदरीत यशवंतरावांचे बालपण गरिबीत गेले. ते अवघे ४ वर्षांचे असतानाच १९१७ साली त्यांचे वडील प्लेगच्या साथीमध्ये वारले. देवराष्ट्रेमध्ये ४थीपर्यंत शिक्षण झाल्यानंतर ज्येष्ठ बंधूच्या सहकार्याने यशवंतराव पुढील शिक्षणासाठी कराडला आले. १९२७ साली कराड येथील टिळक हायस्कूलमध्ये त्यांनी प्रवेश घेतला. यशवंतरावांच्या राजकीय, सामाजिक आणि वैचारिक जडणघडणीमध्ये कराड या शहराला महत्त्वाचे स्थान आहे.

यशवंतरावांच्या जडणघडणीमध्ये त्यांची आई विठाईचे फार मोठे योगदान आहे. तिने अपार कष्ट करून कुटुंबाला स्वाभिमानाने जगवले. पतीच्या अकाली निधनानंतर विठाईंनी संपूर्ण कुटुंबाचा आर्थिक भार सांभाळला आणि कुटुंबप्रमुखाची उणीव भासू दिली नाही. यशवंतरावांची आई अशिक्षित, खेड्यात वाढलेली पण मानाचा आणि कर्तृत्वाचा तिचा पल्ला मोठा होता. आयुष्यात या माऊलीच्या वाटचाला दुःखभाषून दुःखे आली परंतु तिचा सोशिकपणा

कायम राहिला. आईकडून मिळालेल्या या सर्व गुणांचे संवर्धन यशवंतरावांच्या शालेय जीवनात घडत गेले.

आईचे संस्कार किती सामर्थ्यशाली होते हे यशवंतराव पुढील शब्दांत व्यक्त करतात, "जिच्याकडे पाहून साक्षात प्रेम असे म्हणावे अशी माझी आई आहे. तिची अन् शाळेची ओळख नसेलही पण तिचे कर्तृत्व दांडगे आहे. खऱ्या अर्थाने ती सुमाता आहे."

राजकारणात राहूनही यशवंतराव साहित्यिक होते. याची बीजे त्यांच्या बालवयात सापडतात. यशवंतरावांच्या आई विठाई पहाटेच्या मंगलप्रसंगी 'ओव्या' म्हणत असत. पहाटे दळण दळताना आईच्या मांडीवर झोपून ते ओव्या ऐकत असत, त्या स्वतः नवनवीन ओव्या रचून म्हणत असत.

निदान शे-पाचशे तरी ओव्या त्यांनी रचलेल्या आहेत. आयुष्य जगण्याचा संदेश त्यांच्या ओवीमध्ये आढळतो.

उदा. : 'नका, बाळांनो डगमगू

चंद्र-सूर्यांवरील जाई ढगू ॥'

त्यानुसार यशवंतरावांना वाचनाची अतिशय आवड होती. कराडमध्ये असताना पुण्याहून प्रकाशित होणारे 'मजूर' हे पत्र, मुंबईहून प्रकाशित होणारे साप्ताहिक 'श्रद्धानंद' यांचा समावेश होतो. १९३१ साली कराडहून 'ज्ञानप्रकाश' या दैनिकाचा अनाहूत वार्ताहर म्हणून यशवंतराव लिहित होते. हरिभाऊंच्या 'पण लक्षात कोण घेतो', केतकरांची 'ब्राह्मण कन्या' इ. चे वाचन केले. कालिदासांचे मेघदूत वाचले. यशवंतराव सामाजिक आणि राजकीय काम करत असताना आपला वाचनाचा व्यासंगसुद्धा वाढवत होते. वाचनाची आवड त्यांनी आयुष्यभर जोपासली.

मुळातच संतसाहित्याचा बालवयातच त्यांच्यावर झालेला संस्कार हा त्यांच्या आईकडून त्यांना मौलिक वारसा मिळालेला होता. ऐन तारुण्यात येरवड्याच्या तुरुंगात (१९३१-१९४०) असताना त्यांना विचारप्रधान साहित्यिकांचा सहवास लाभला आणि त्यांची स्वतःची साहित्यवाचनाची गोडी वृद्धिंगत होत राहिली. संस्कृत साहित्यातील अभिजात साहित्यकृतींचे वाचन आणि श्रवण या बाबी त्यांच्यातील साहित्य गुण समृद्ध करण्यास कारणीभूत ठरल्या. मराठी व संस्कृत भाषांतील अभिजात वाङ्मयाच्या वाचनाबरोबरच इंग्रजी साहित्यातील विविध ग्रंथांचे वाचन यातून त्यांचे साहित्यप्रेम अधिक समृद्ध होत राहिले. शेक्सपिअर, फडके, खांडेकर, सानेगुरुजी या



साहित्यिकांचे ललित साहित्य, संस्कारक्षम मनाची घडण होत असलेल्या काळात वाचले. त्यातून त्यांची वाङ्मयीन व्यासंगाची गोडी वाढत गेली. वाचन, भाषण, संवाद, लेखन या सर्वच स्तरांतून त्यांच्यातील स्वतंत्र साहित्यिक घडत गेला.

साहित्य, संस्कृती आणि राजकारण यांचा यशवंतरावांनी साधलेला समन्वय हा त्यांच्या साहित्य प्रेमाचे, संस्कृतीप्रेमाचे, मूल्याधिष्ठित राजकारणाचे दर्शन घडविणारा आहे. यशवंतरावांसारखा साहित्यिक आणि संस्कृतप्रेमी मुख्यमंत्री म्हणून महाराष्ट्रास लाभला हा मराठी साहित्याला मिळालेला अमोल असा ठेवा आहे. ना. सी. फडके, १९७५ मध्ये यशवंतरावांच्या साहित्यगुणांचे कौतुक करताना म्हणाले होते, “यशवंतराव मला वक्ते आणि साहित्यिक म्हणून अधिक प्रिय वाटतात. त्यांची वाणी जशी स्पृहणीय आहे तसाच त्यांच्या लेखणीचा संचार कौतुकास्पद आहे.”

यशवंतराव साहित्यिक आहेत हे सुरुवातीला कोणालाही पटत नसे. कराडला ज्या वेळी साहित्य संमेलन झाले त्यावेळी संमेलनाचे ते स्वागताध्यक्ष होते. त्यांनी स्वीकारलेले स्वागताध्यक्षपद कित्येकांना रुचले नाही. राजकारण्यांनी साहित्यक्षेत्रात लुडबुड करू नये अशा प्रकारची टीकादेखील त्यांच्यावर झाली. त्यांच्यावर झालेली टीका चुकीची व अस्थायी असल्याचे त्यांनी आपल्या साहित्यनिर्मितीतून सिद्ध केले. ‘कृष्णाकाठ’, ‘ऋणानुबंध’ ही त्यांची साहित्यिक अपत्ये आहेत.

‘कृष्णाकाठ’ हे पुस्तक म्हणजे यशवंतराव चव्हाणांचे आत्मचरित्र आहे. या आत्मचरित्राची विभागणी तीन भागांत केलेली आहे. ‘जडणघडण’, ‘वैचारिक आंदोलन’ आणि ‘निवड’ या तीन भागांत त्यांनी स्वतःच्या बालपणापासून सुरुवात करून १९४६ च्या निवडणुकीत निवडून येऊन ‘पार्लमेंटरी सेक्रेटरी’ म्हणून राज्याच्या कारभारात सहभागी होण्यापर्यंतच्या काळाचे चित्रण केलेले आहे. ३३ वर्षांच्या वेगवान घडामोडींनी भरलेल्या या कालखंडाच्या चित्रणातून त्यांची उत्कृष्ट संवेदनशीलता, मूल्यनिष्ठ विवेकवृत्ती, प्रतिकूल परिस्थितीवर मात करणारी संघर्षशीलता, अचूक निर्णय शक्ती, अखंड कार्यमग्नता इ. गुणविशेषांचे दर्शन यांमधून घडते. या आत्मचरित्राच्या माध्यमातून त्यांच्या विचारांचे आणि भावनांचे प्रतिबिंब उमटते. स्वतःच्या जगण्याकडे अत्यंत तटस्थपणे आणि विश्लेषक दृष्टीने पाहून त्याचे चित्रण करणे हे या आत्मचरित्राचे उल्लेखनीय वैशिष्ट्य आहे. यशवंतरावांची भाषा अस्सल मराठमोळी, अनर्लंकृत, डौलदार, अर्थवाही असल्यामुळे हे चरित्र वाचकांच्या मनाचा ठाव घेते. १९४६ नंतर या आत्मचरित्राचे पुढील भाग लिहून झाले नाही. त्यामुळे एक वाचक म्हणून खूप हळहळ वाटते. राजकारणातल्या व्स्त कार्यक्रमामधून त्यांनी लेखन केले हे विशेष आहे. ‘कृष्णाकाठ’ ही अतिशय सुंदर, वाचकांच्या मनाचा ठाव घेणारी, प्रेरणादायी अशीच साहित्यकृती आहे. या आत्मचरित्राच्या माध्यमातून यशवंतरावांनी स्वतःला साहित्यिक म्हणून सिद्ध केलेले आहे.

यशवंतरावांचा चिंतनाचा प्रमुख विषय जरी राजकारण असला तरी गतकाळाकडे वळून बघताना वैयक्तिक जीवनातील काही आठवणी, व्यक्ती व प्रसंग त्यांच्या मनात घर करून राहिले होते. काही जवळची माणसं, स्थळ, भावना व विचार यांच्याशी यशवंतरावांचा ऋणानुबंध निर्माण झाला होता. या साऱ्यांचं ओघवतं शब्दांकन म्हणजे ‘ऋणानुबंध’ होय. या पुस्तकातील लेखांमधून यशवंतरावांच्या व्यक्तिमत्त्वातील नवनवीन पैलू उलगडत जातात. हे लेख वाचल्यानंतर यशवंतरावांचे सखोल विचार, साहित्याबद्दलची ओढ आणि साहित्याची उत्कृष्ट जाणही पदोपदी जाणवते. या पुस्तकात शिवाजी महाराज, म. गांधी, पंडित नेहरू, भाऊसाहेब खांडेकर, धनंजय गाडगीळ इ. थोर व्यक्तींबद्दल विचार व्यक्त केलेले आहेत. त्याचप्रमाणे या पुस्तकातील ‘कुलसुमदादी’ हा लेख म्हणजे यशवंतरावांच्या संवेदनशीलतेचा उत्कृष्ट नमुना आहे. हा लेख वाचल्यानंतर यशवंतरावांच्या साहित्य प्रतिभेची कल्पना येते.

यशवंतरावांनी ‘विदेश दर्शन’ नावाचे पुस्तक लिहिले यामध्ये त्यांनी परदेश दौऱ्यावर असताना पत्नी वेणूताई यांना पत्रे लिहिलेली आहेत. यशवंतराव परदेश दौऱ्यावर असत त्यावेळी वेणूताईंना एकटे वाटे. त्यावेळी राजकारणातील व्यस्त कार्यक्रमातून वेळ काढून यशवंतरावांनी ही पत्रे वेणूताईंना लिहिलेली आहेत. त्यांनी ज्या ज्या ठिकाणी भेटी दिल्या त्या ठिकाणची संस्कृती, सांस्कृतिक जीवन, ऐतिहासिक स्थळे यांची वर्णने आलेली आहेत. रामभाऊ जोशी वेणूताईंचे निधन झाल्यानंतर त्यांचे चरित्र लिहिण्यासाठी साधने गोळा करत होते. त्यावेळी हा सर्व पत्रव्यवहार त्यांना सापडला. यशवंतरावांनी उदार अंतःकरणाने तो रामभाऊंच्या स्वाधीन केला. रामभाऊंनी त्याचे संपादन करून दोन भागांत प्रकाशित केला. विदेश दर्शन (१९८८) आणि विरंगुळा (२००५) हे पत्रसंग्रह प्रकाशित केले.

यशवंतरावांनी विविध भाषणे ज्या ज्या ठिकाणी केली त्या भाषणांचे संग्रह म्हणजे ‘युगांतर’, ‘सद्वादीचे वारे’ आणि ‘भूमिका’ ही पुस्तके होत. वेगवेगळ्या प्रसंगी विविध विषयांवर व्यक्त केलेले विचार एकत्रित नोंदविले गेले आहेत.

१९४६ ते १९८४ अशी सलग ३८ वर्षे देशाच्या राजकारणात त्यांचा प्रभाव होता आणि त्यांच्या नेतृत्वाला सुसंस्कृतपणाची झालर होती. राजकारणामध्ये राहून यशवंतरावांनी आपले सुसंस्कृत मन जपले, साहित्य, कला, संस्कृती यांना जपले म्हणून यशवंतराव सर्वापेक्षा वेगळे वाटतात. देशपातळीवरील सर्व राजकारण्यांमध्ये इतका मोठा साहित्यिक झाला नाही. इतकी प्रगल्भता यशवंतरावांच्या लेखनात, त्यांच्या आत्मचरित्रात आणि त्यांच्या भाषणातील प्रत्येक शब्दांमागे व्यक्त होत होती. त्यांची भाषणे हे महाराष्ट्राचे ललित साहित्यच आहे.

यशवंतराव चव्हाणांएवढा मोठा साहित्यिक-राजकारणी महाराष्ट्रामध्ये झालेला नाही. यशवंतरावांचे साहित्य, त्यातील प्रवाही शब्द वाचकांच्या मनाचा ठाव घेतात, वाचकाला आपल्या साहित्यात मग्न करून ठेवतात.

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तूच आहेस

मी शोधत होतो तुला
त्या डोंगरावर, त्या खोल दऱ्यांमध्ये
त्या दाट अरण्यात, त्या ओसाड माळरानी
त्या निचीड अंधःकारात
त्या खोल-खोल अथांग सागरात

देवळात मी तुला शोधले
चर्चमध्ये तुझा शोध घेत राहिलो
मशिदीत प्रत्येकाला तुझे ठिकाण विचारले
पण कोणालाच तू दिसला नव्हता

वेद, पुराणे, उपनिषदे
बायबल, कुराण, ग्रंथसाहिब
यामध्ये मी व्यर्थ तुला शोधत राहिलो
खूप-खूप फिरलो
आणि तुला शोधत होतो
पण सारे व्यर्थ गेले

प्रत्येकाला विचारले
दिसला का तो तुम्हाला
जिथे जिथे तो तुम्हाला दिसला
ते ठिकाण मला सांगा
तो मार्ग मला दाखवा
मला शोधायचेय त्याला
पण तू सापडतच नव्हता
दाट काळोखात हरवलेल्या
माझ्या सावलीसारखा
तू ही कुठेतरी हरवला होतास

तू तिथेच होतास
विश्वाच्या उगमापासून
आकाशाच्या अंतापर्यंत
माणसाच्या जन्मापासून त्याच्या अंतापर्यंत

चंद्राच्या मृदू छायेत
सायंकाळच्या संधी प्रकाशात
रात्रीच्या चांदण्यात, रवीच्या तेजात
पक्ष्यांच्या मंजुळ किलबिलीत
खळाळणाऱ्या झऱ्यात, सरितेच्या प्रवाहात
मातीच्या त्या मंद सुगंधात
निसर्गाच्या विलोभनीय मनोहर दृश्यात
तू होतास

तू तर होतास सगळीकडे
इथे, तिथे आणि तिकडेसुद्धा
तू असतोस आणि दिसतोस
लहानग्यांच्या निखळ, नितळ हास्यात
बोबड्या बोलात
दोन भिन्नांतील ऐशमी नात्यात
शेतकऱ्याच्या पवित्र कार्यात
माणसाच्या बाणुसकीत
तूच तर असतोस

आईच्या व मुलाच्या प्रेमळ बंधात
गाय-वासराच्या वात्सल्यात
प्रेमाचा अमृतकुंभ असतोस तू

माझ्या हे ईश्वरा
तुलाच त्या ख्रिस्ताने, पैगंबरांनी
ज्ञानेश्वराने, तुकारामाने, गांधीने पाहिले
सगळ्या सृष्टीचा, लोकांचा, धर्माचा, प्रेमाचा
उगम तिथेच झाला
हे वेद, पुराणे, उपनिषदे, स्मृती
बायबल कुराण
तूच तर आहेस

जीवनाच्या अथांग सागरासारख्या प्रवाहात
सगळ्यांची साथ आहेस तू
या सृष्टीतील
सगळ्या प्राणीमात्रांच्या
आत्म्याचा आत्मा आहेस तू

- शेखर दिलीप चोरघे (द्वितीय वर्ष कला)

शेतकऱ्याच्या आजच्या अवस्थेला जबाबदार कोण ?

आरेकर अंकुश (S.Y.B.A.)

काही वर्षांपूर्वी वडील एका कामानिमित्त मुंबईला गेले होते; एक रात्र तिथे त्यांचा मुक्काम होणार होता, म्हणून जेवणासाठी एका 'झुणका भाकर' केंद्रात गेले. झुणका भाकरीसाठी त्यांच्याकडून १ रुपया आकारण्यात आला आणि सकाळी उठल्यानंतर शौचाला जाण्यासाठी सार्वजनिक शौचालयात त्यांच्याकडून २ रुपये आकारण्यात आले. ही घटना सांगताना वडिलांचा रोष त्या व्यवस्थेकडे होता, ज्या व्यवस्थेनं शेतकऱ्याच्या घामावर पिकणाऱ्या भाकरीची किंमत एक रुपया आणि शौचाला



बसण्यासाठी दोन रुपये अशी किंमत आकारली होती. म्हणजेच.

तो भगवा हातात घेतो

बाप पुढारी असतो ज्याचा,

अन् जो मातीत राबत असतो

पोरगा नागवाच असतो त्याचा

अशीच काहीशी अवस्था आहे. वरील घटना-प्रसंग सांगताना वडिलांचा रोष ज्या व्यवस्थेकडे होता ती व्यवस्था शेतकऱ्याच्या आजच्या अवस्थेला काही प्रमाणात का होईना जबाबदार नसेल कशावरून ?

१९९१ पूर्वी भारतात कर्जबारी शेतकरी कुटुंबांचे प्रमाण २६% एवढं होतं आता ते ५५% पेक्षा अधिक आहे. आंध्रप्रदेशमध्ये हेच प्रमाण ८०% हून अधिक आहे (२०१५-२०१६). शेतकऱ्याच्या या परिस्थितीला कारणीभूत कोण ? ह्या प्रश्नाचा विचार करत असताना काही ठळक मुद्दे माझ्यासमोर येतात. त्यात सत्ताधाऱ्यांची इच्छाशक्तीचा नसणं, शासकीय धोरणाची अंमलबजावणी नीट न होणं, अपयशी शासकीय धोरणं, येथील दलालांची साखळी, बाजारी व्यवस्था, राजकीय व्यवस्थांचा मनमानी कारभार. शेतकऱ्याचा अशिक्षितपणा, कोपलेला निसर्ग, खतांचा-कीटकनाशकांचा अविवेकी वापर, सामाजिक, आर्थिक, राजकीय स्थिती हे सारे घटक काही प्रमाणात जबाबदार आहेत.

पण या पलीकडे जाऊन या साऱ्या व्यवस्थांना कंटाळून शेतकऱ्यावर जेव्हा आत्महत्या करण्याची वेळ येते ती फार विचार करण्याची गोष्ट आहे. कारण मला असं वाटतं की, कोणतीही आत्महत्या केवळ आत्महत्या नसते तर कोणत्यातरी व्यवस्थेला कंटाळून केलेली टोकाची इजा असते. म्हणजे आत्महत्या ही कोणत्यातरी व्यवस्थेकडून झालेली हत्याच असते. मग ती व्यवस्था सामाजिक, आर्थिक, राजकीय असो की मनोवैचारिक (वैयक्तिक) असो. मराठवाडा-विदर्भात जानेवारी २०१६ मध्ये एका महिन्यात १७० हून अधिक आत्महत्या झाल्या. गेल्या वर्षी २०१५ मध्ये

महाराष्ट्रात ३२,००० हून अधिक आत्महत्या झाल्या. भारतात गेल्या १० वर्षांत २ लाख साठ हजारांपेक्षा अधिक आत्महत्या झाल्या. म्हणजे डोबळमानाने सरासरी काढली तर १ तासात २



आत्महत्या तर होतातच. तरीही तुमच्या, माझ्या, आपल्या कोणाच्याच चेहऱ्यावरची साधी रेघही हालत नाही की डोळ्यात पाणी येत नाही की आपल्या संवेदना जागृत होत नाहीत. मग हीच तुमची, माझी, आपली संवेदनशून्य मानसिकता शेतकऱ्याच्या आजच्या अवस्थेला जबाबदार नसेल कशावरून ?

मघापासून साऱ्या व्यवस्थांकडे गुन्हेगार म्हणून बोट करत असताना मी सुद्धा त्याच व्यवस्थेचा एक भाग आहे, एक अंश आहे हे मलाही मान्य करायला हवं, कारण "लोकांनी लोकांद्वारे लोकांवरवी" चालवल्या जाणाऱ्या लोकशाही शासनव्यवस्था असलेल्या भारताचा मी नागरिक आहे. येथील व्यवस्था मी दिलेल्या मतावर चालते यावर माझा विश्वास आहे. आणि ही नैतिक जबाबदारी आपण सर्वांनी मान्य करायलाच हवी. शेतकऱ्याला जगाचा पोशिंदा असं निबंधात म्हणण्यापुरता हा विषय नाही आहे. शेतकऱ्यांचा प्रश्न हा आता फक्त प्रश्न नाही तर तो तुमच्या, माझ्या, आपल्या गळ्याला लागलेला फास आहे. याची जाणीव सर्वांना असायला हवी !

शेतकऱ्याला सोयीची अशी व्यवस्था आपण निर्माण करायला हवी. आपण सहानुभूतीपूर्वक विचार करायला हवा. आपणच शेतकऱ्याच्या अवस्थेला जबाबदार आहोत हे मान्य करायला हवं. कारण कोणी नुसतं बरोबर चाललं म्हणून त्याला सोबत म्हणता येत नाही; आणि मदत म्हणून केलं तर तेही कर्तव्य होत नाही, आपण आपलं कर्तव्य म्हणून साऱ्या व्यवस्थांच्या मध्ये बदल घडवण्याचा प्रयत्न करायला हवा. तोही शेतकऱ्याच्या स्वाभिमानाला, तडा न जाता. कारण बाबा आमटे म्हणायचे त्याप्रमाणे बोटांशिवाय माणूस जगू शकतो; पण स्वाभिमानाशिवाय जगू शकत नाही. आपल्या शेतकरी बापाचा स्वाभिमान जपून आपण कर्तव्य म्हणून व्यवस्था बदलाचा प्रयत्न करायला हवा. कारण भारतीय शेती हा फक्त व्यवसाय नाही तर ती एक जीवनशैली, जीवनपद्धती आहे आणि कोणतीही जीवनशैली कधीही कालबाह्य होत नाही उलट ती वृद्धिंगत होते. म्हणूनच आपला भारत कृषीप्रधान आहे...

शेतकऱ्याच्या आजच्या अवस्थेला - मी, तुम्ही, आपण सगळे, 'ऑल इज वेल' ची अफू नियमितपणे पाजणारी येथील बदलत राहणारी शासनयंत्रणा व तुमची-माझी भाषाच हरवलेली कुरुप अभिव्यक्तीसुद्धा जबाबदार आहे.

□□□

वाट पाहणारी आई

तिची चलबिचल सकाळपासूनच सुरू होती
मनाची धडपड तिची कोणालाच कळत नव्हती
तिचं बाळ आज तिच्यापासून दूर जाणार होतं
अगदी पक्षी घट्टं सोडून निघून जातात ना
तसंच...
डोळ्यातले अश्रू लपवतच बॅगांची आवरासावर
ती करत होती
आपल्या बाळाला लागणारं सामान रकच चारवेळा
ती नुसतं विचारत होती...
खरंच अठरा वर्षे तिच्या सावलीत वृक्ष
तिच्याच पारंब्या होऊ पाहात होतं
आपला वेगळ्याच वृक्ष ते होत होतं...
ती मात्र शांत हे सगळं पाहात होती
मनाची तयारी करून
आपल्याच पारंब्यांना ती आधार देत होती
शेवटी ती घटिका जवळ आली
अश्रूंचा बांध तिचा फुटला होता..
आपलं काळीज निघून गेल्याचा भास तिला होत होता
जड अंतःकरणाने तिही त्याची पाठवणी करत होती
ऊन सावलीचा खेळ आपल्या डोळ्यांनी पाहात होती
गाडी सुटली तशी ती ही कोलमडली

बाळाच्या आठवणीत अनेक छात्री जागीच राहिली
बाळही आपली खुशाली तिकडून कळवत होतं
पण... आईचं काळीज फक्त त्याला पाहण्याचा ध्यास घेत होतं
सुट्टी आली...
बाळ परत घरच्याकडं आलं...
आईच्या मनात आनंदाचं काहुनं माजलं...
आपल्या लाडक्यासाठी तिने खूप काही केलं
पण ते परत आपल्याला सोडून जाणार
हे सत्यही तिने पचवलं..
गेली कित्येक वर्षे हाच खेळ चालतो आहे
घराच्या अंगणी उभी राहून
आपलं बाळ घरी यायची वाट ती बघते आहे
आता बाळ कधीतरी येतही
पण जवळ काही बसत नाही
मायेचा ओलावा तिचा
तेही घेत नाही
कारण,
कारण तिचं बाळ आता खूप मोठं झालंय
त्या वेळीसाठी मात्र ते
अजूनही लहानच राहिलंय
अजूनही लहानच राहिलंय...

- धनश्री एकनाथ नलावडे (T.Y.B.A.)

जीवन सुंदर आहे

थोडा अर्थ यावा जगण्याला... ||धृ||
रडत-कुढत जगण्यात ठेवलंय तरी काय,
वेडेपणा काय असतो अनभवूयात जरा.

दिवस रोजच येतो-जातो... पण
सुखाचा दिवसाला आपणच खास बनवू
थोड हसू स्वतःवर, थोड हसवू दुसऱ्याला

मन मारून जगायचं तरी कशाला
मनसची पारंपरासारखे संबंध
माळरानी बागडूया...

जीवन सुंदर आहे

नात्यांच्या कळीला जरा थोडं उमलू द्या
उमगण्यातला गोडवा मग चाखून...पहा ना
मग, प्रेमाचा गंध दारवळतो हट क्षणाला.

दुःख नावाचं मुळात नसतचं असं काही
निदान विचारात तरी जरा सुखाची कल्पना करूयात...
जीवन सुंदर आहे
थोडा अर्थ यावा जगण्याला...

- नेहा बवले (F.Y.B.A.)

आकाशवाणी : प्रभावी ज्ञानसाधन

स्वाती महाळंक, (संशोधन विभाग)

आजच्या काळात ज्ञानसंवर्धनासाठी अत्यंत उपयुक्त ठरणारे माध्यम म्हणून 'आकाशवाणी'चा उल्लेख करावा लागेल. भारतामध्ये नभोवाणी प्रसारणाला १९२०च्या प्रारंभी सुरुवात झाली. 'रेडिओ क्लब ऑफ बॉंबे' तर्फे १९२३ मध्ये पहिला कार्यक्रम प्रसारित झाला. १९२६ मध्ये 'इंडियन ब्रॉडकास्टिंग सर्व्हिस' या खासगी आस्थापनेने ब्रिटिश राज्यकर्त्यांबरोबर करार करून मुंबईत नभोवाणी केंद्राची स्थापना केली. त्यानंतर १९३० मध्ये 'इंडियन ब्रॉडकास्टिंग सर्व्हिस' - भारतीय प्रसारण सेवा या नावाने कामकाजाला सुरुवात झाली. त्यानंतर १९३६ मध्ये त्याला 'ऑल इंडिया रेडिओ' असे म्हटले जायला लागले. १९३७ मध्ये नभोवाणी सेवेसाठी 'आकाशवाणी' हे नाव निश्चित करण्यात आले. तेव्हापासून आजतागायत 'आकाशवाणी' हे श्राव्य माध्यम लोकांच्या मनोरंजनावरोबरच लोकशिक्षणाचे कामही प्रभावीपणे करीत आले आहे.

वृत्तपत्रे, नियतकालिके, पुस्तके या गोष्टींचा गेल्याकाही वर्षांत झपाट्याने प्रसार झाला असला आणि आता या गोष्टी ग्रामीण भागापर्यंत पोहोचल्या असल्या, तरी त्यांचा उपयोग फक्त साक्षर लोकांनाच होऊ शकतो. नभोवाणीचे तसे नाही. प्रभावी बोलभाषा हा नभोवाणी प्रसारणाचा आत्मा असतो. त्यामुळे निरक्षर माणसांनाही नभोवाणीच्या वक्षेत स्थान आहे. जगाच्या कानकोपऱ्यात घडणाऱ्या घटनांची माहिती बातम्यांच्या रूपाने नभोवाणीवरून सांगितली जाते. त्याचबरोबर भाषणे, चर्चा, मुलाखती, नभोवाणी वृत्तांत, वार्ताचित्र अशा कार्यक्रमांमधून विविध विषय आपल्यापर्यंत पोहोचत रहातात. लहान मुलांसाठी 'बालोद्यान', युवकांसाठी 'युववाणी', वृद्धांसाठी 'ऐलतीर पैलतीर', महिलांसाठी 'स्नेहबंध', उद्योगजगतासाठी 'कामगार विश्व', क्रीडा रसिकांसाठी 'क्रीडाजगत', शेतकऱ्यांच्यासाठी हवामान अंदाज, प्रत्येक हंगामातील पीक नियोजनाचा सल्ला इथपासून नव्या विषयांची माहिती खुमासदार शैलीत पोहोचविणारा 'चालू जमाना', चालू घडामोडींचा ऊहापोह करणारे 'वार्ताविशेष' असे अनेक कार्यक्रम आजमितीला आकाशवाणीवरून प्रसारित केले जातात. हे सर्व कार्यक्रम श्रोत्यांचे मनोरंजन तर करतातच, पण बाह्यजगतातील घडामोडी आणि त्याविषयीचे मान्यवरांचे, अभ्यासकांचे विचार थेट तुमच्या घरापर्यंत, मनापर्यंत पोहोचवितात. अलीकडच्या काळात श्रोत्यांचे मनोगत जाणून घेण्यासाठी, त्यांच्याशी थेट संवाद साधण्यासाठी 'फोन इन' हा विशेष प्रकार कार्यक्रमांमध्ये उपयोगात आणला जातो. त्यामुळे विचारांची देवाणघेवाण तर होतेच; पण लोकांना वैद्यकीय सल्ला, समुपदेशन सहजरीत्या उपलब्ध होते. या सर्व बाबींमधून आपल्याला नवनवीन गोष्टी परिचित होतात आणि आपल्या ज्ञानात भर पडते. यामध्ये 'आकाशवाणी'च्याच कार्यक्रमांचा

विशेषत्वाने उल्लेख केला आहे, याचे कारण म्हणजे समाजातील सर्व स्तरांतील, सर्व घटकांना सामावून घेणारे आणि प्रत्येक वयोगटासाठी स्वतंत्र कार्यक्रमनिर्मिती करणारे आजही देशातील हे एकमेव श्राव्य माध्यम आहे.

बदलत्या काळात मनोरंजनाची साधने वाढली, स्पर्धा वाढेल. अशावेळी 'आकाशवाणी'ला तितक्याच सामर्थ्याने उभे राहता आले पाहिजे आणि लोकरंजनाची आपली भूमिका यशस्वीपणे निभावता आली पाहिजे, याची जाण 'आकाशवाणी'ची उभारणी करणाऱ्या दिग्गजांनाही होती. मामा वरेरकर, पंडित नरेंद्र शर्मा माहिती आणि प्रसारण मंत्रालयाच्या सल्लागार मंडळात होते. पुणे केंद्र उभारताना मनुष्यबळाची जुळणी करण्याचे अत्यंत महत्वाचे काम मामांनी केलं होतं. बदलत्या काळातली ही गरज हिंदीतल्या ज्येष्ठ नरेंद्र शर्मा यांना सर्वप्रथम जाणवली आणि पूर्णवेळ अभिरुचिसंपन्न मनोरंजन करणारी एक स्वतंत्र वाहिनी 'आकाशवाणी' साठी असली पाहिजे, असं आग्रही प्रतिपादन त्यांनी केलं. त्यातूनच १९५७ मध्ये 'विविध भारती'चा जन्म झाला. 'विविध भारती' हे नामकरणही पंडित शर्मा यांनीच केलेलं. 'विविध भारती' कार्यान्वित झाल्याने तरुण वयोगट, नव्या पिढ्याही आकाशवाणीशी तितक्याच घट्टपणे जोडल्या गेल्या. विविध भारतीवर लोकप्रिय असणाऱ्या 'भूले बिसरे गीत', 'संगीत सरिता', 'त्रिवेणी', 'बेला के फूल', 'एकही फिल्मसे' या कार्यक्रमांच्या संकल्पनाही पंडित नरेंद्र शर्मा यांच्याच. आज इतक्या वर्षांनंतरही या सांगीतिक कार्यक्रमांची लोकप्रियता तसुभरही कमी झालेली नाही. मनोरंजनातून लोकशिक्षणाचे, अभिरुचिसंपन्न पिढी घडविण्याचे काम आकाशवाणी अव्याहतपणे करत आहे.

आकाशवाणी आणि विविध भारतीच्या या कार्यक्रमांबरोबरच सर्वाधिक ऐकल्या जातात, त्या आकाशवाणीच्या प्रादेशिक बातम्या. बातम्या ऐकून कामाला सुरुवात करणे हा अनेक लोकांचा वर्षानुवर्षांचा रिवाज आहे. आकाशवाणी पुणे केंद्रात प्रादेशिक वृत्त विभागाची स्थापना मे १९७५ या दिवशी झाली. दूरचित्रवाणीचे प्रस्थ वाढले नव्हते. त्या काळात आकाशवाणीच्या बातम्यांना पर्याय नव्हता. रात्रीत घडलेल्या घटना, ताज्या घडामोडी देणाऱ्या या बातमीपत्राला अफाट लोकप्रियता मिळाली. एका पाहणीनुसार, आजही दररोज ९० लाख ते एक कोटी लोक या बातम्या ऐकतात. बातम्यांची साधी, सोपी, सुटसुटीत भाषा, छोटी वाक्यं, साधे बोलीभाषेतील व्यावहारिक शब्द, क्रियापदं वगळून सुटसुटीत ठळक बातम्या यामुळे या बातमीपत्राची लोकप्रियता आजही टिकून आहे.

आकाशवाणीचा राष्ट्रीय स्तरावर कार्यरत असलेला वृत्तसेवा विभागही (News Service Division) अद्ययावत सोयीसुविधांनी युक्त आहे. या विभागातर्फे देशातील तसेच परदेशातील श्रोत्यांसाठी बातमीपत्रे प्रसारित केली जातात. १९३९-४० मध्ये २७ बातमीपत्रे प्रसारित केली जायची. सध्या स्थानिक, प्रादेशिक आणि बहिस्थ सेवा विभागात समाविष्ट असलेल्या ८२ भाषा आणि बोलींमध्ये दररोज तब्बल ५१० बातमीपत्रे प्रसारित केली जातात. रोजचे ५२ तासांचे हे प्रसारण असते. त्यापैकी ८९ बातमीपत्रे दररोज दिल्लीमधून प्रसारित केली जातात. ती इंग्रजी, हिंदी आणि इतर भाषांमध्ये असतात. आकाशवाणीच्या देशातील इतर ४४ प्रादेशिक वृत्तविभागांतर्फे ६७ भाषांमधील ३५५ दैनंदिन बातमीपत्रे प्रसारित होतात. यामध्ये 'आकाशवाणी'च्या एफ.एम. गोल्ड वाहिनीवरून प्रसारित होणाऱ्या विशेष बातमीपत्रांचाही समावेश आहे. त्याचे प्रसारण आकाशवाणीच्या २२ केंद्रांवरून केले जाते. दैनंदिन बातमीपत्रांचीच वृत्तसेवा विभागातर्फे चालू घटना-घडामोडींवर आधारित अनेक कार्यक्रम प्रसारित केले जातात. दिल्लीसह इतर काही प्रादेशिक वृत्तविभागांतर्फे त्यांची निर्मिती आणि प्रसारण केले जाते. आकाशवाणी पुणे केंद्रातर्फे प्रसारित होणारा 'विशेष वार्ता' हा कार्यक्रम अशाच महत्त्वाच्या घडामोडींवर प्रकाश टाकतो. राजकीय, सामाजिक, सांस्कृतिक शैक्षणिक क्षेत्रातील अनेक मान्यवर त्यामध्ये आवर्जून हजेरी लावतात.

याखेरीज आकाशवाणीमध्ये राष्ट्रीय पातळीवर बहिस्थ सेवा विभाग (External Services Division - ESD) ही कार्यरत आहे. या विभागातर्फे भारताबाहेर, इतर देशांसाठी प्रक्षेपण सुविधा पुरविली जाते. सध्या या विभागाद्वारे विविध २७ भाषांमधून सेवा पुरविली जाते. प्रारंभी उच्चक्षमतेच्या लघुलहरीद्वारे हे प्रसारण केले जात असे. शेजारच्या देशांमध्ये प्रक्षेपण पोहोचविण्यासाठी मध्यमलहरीचाही उपयोग केला जाई. नभोवाणी प्रक्षेपणामध्ये मुळात तीन प्रकारच्या लहरींचा उपयोग केला जातो. १) लघुलहरी, २) मध्यम लहरी आणि ३) फ्रीक्वेन्सी मॉड्युलेशन अर्थात एफ.एम. असे त्याचे प्रकार आहेत. आकाशवाणीच्या कार्यक्रम प्रसारणासाठी या तिन्ही लहरींचा वापर केला जातो. खासगी वाहिन्यांचे कार्यक्रम मात्र फक्त एफ.एम. द्वारेच प्रसारित केले जातात. याशिवाय ESD मध्ये विशिष्ट देशांमध्ये विशिष्ट भाषेतील कार्यक्रम प्रसारित करण्यासाठी 'जनरल ओव्हरसीज सर्व्हिस' नावाचा स्वतंत्र विभागही कार्यान्वित करण्यात आला आहे. या विभागातर्फे आंतरराष्ट्रीय पातळीवरील सर्वसामान्य श्रोतृवर्ग डोळ्यांसमोर ठेवून इंग्लिशमध्ये दररोज सक्वाआट तास कार्यक्रम प्रसारित केले जातात. आकाशवाणीचा हा विभाग म्हणजे संपूर्ण जगाकडे पाहण्याची एक अधिकृत खिडकी बनला आहे. या विभागातर्फे सध्या सौळा परदेशी भाषांमध्ये आणि अकरा भारतीय भाषांमध्ये सुमारे ७२ तासांचे प्रसारण होते. हे कार्यक्रम शंभराहून अधिक देशांमध्ये प्रसारित केले जातात.

इंग्लिशप्रमाणेच अरेबिक, बलुची, बर्मीज, चायनीज, दारी,

फ्रेंच, इंडोनेशियन, नेपाळी, पर्शियन, पुश्तू, रशियन, सिंहली, स्वाहिली, थाई, तिबेटियन या परदेशी भाषांमध्ये कार्यक्रमांचे प्रसारण होते. त्याचप्रमाणे हिंदी, तामिळ, तेलगू, बंगाली, गुजराथी, पंजाबी, सिंधी, उर्दू, सराईकी, मल्याळम्, कन्नड या भारतीय भाषांमध्येही हे कार्यक्रम प्रसारित केले जातात.

या भाषांमध्ये प्रसारित होणाऱ्या कार्यक्रमांचे स्वरूप ठरलेले असते. त्यामध्ये सर्वसाधारणपणे बातमीपत्रे, समालोचन, चालू घडामोडींचे विश्लेषण, भारतीय प्रसारमाध्यमांचा गोषवारा यांचा समावेश असतो. क्रीडाविषयक आणि साहित्यिक घडामोडींचा आढावा घेणाऱ्या पत्रिका कार्यक्रमांखेरीज (magazine programmes) अर्थिक, राजकीय, ऐतिहासिक, शास्त्रीय, सांस्कृतिक विषयांवरील भाषणे आणि चर्चात्मक कार्यक्रमही प्रसारित केले जातात. याशिवाय विकासात्मक उपक्रमांविषयीची विशेष रूपके, महत्त्वाच्या संस्था, आस्थापनांची माहिती देणारे कार्यक्रम, विविधतेने नटलेल्या प्रांतांमधील वैविध्यपूर्ण लोकसंगीत, शास्त्रीय संगीत तसेच आधुनिक संगीतविषयक कार्यक्रमांचाही या प्रसारणात समावेश असतो.

'आकाशवाणी'मध्ये राष्ट्रीय, प्रादेशिक आणि स्थानिक अशी त्रिस्तरीय प्रसारणपद्धती आहे. आकाशवाणीच्या राष्ट्रीय वाहिनीला १८ ते १९८८ राजी सुरुवात झाली. या वाहिनीद्वारे सायंकाळी ६.५० ते सकाळी ६.१० या वेळेत प्रसारण सेवा पुरविली जाते. त्याचे प्रसारण मध्यम लहरी क्षमतेच्या तीन प्रक्षेपकांद्वारे केले जाते. देशातील ६४ टक्के क्षेत्र आणि ७६ टक्के लोकसंख्येपर्यंत हे प्रसारण पोहोचते. नागपूर, दिल्ली आणि कलकत्ता या तीन ठिकाणी हे प्रक्षेपक (transmitters) आहेत. ३१ मीटर अर्थात ९४७ किलोहर्ट्झवरील लघुलहरी प्रक्षेपणाद्वारे हे प्रसारण देशाच्या उर्वरित भागातही पोहोचते. हे प्रसारण संपूर्ण देशभर पोहोचत असल्यामुळे विविध भागांतील वैविध्यपूर्ण प्रथा परंपरांचं दर्शन घडविणाऱ्या प्रातिनिधिक कार्यक्रमांना इथे प्राधान्य दिले जाते.

आकाशवाणीच्या आजवरच्या या यशस्वी वाटचालीचं गमक सर्व स्तरातील नागरिकांना सामावून घेणाऱ्या कार्यक्रमांमध्ये आहे, तसंच श्राव्यमाध्यम असल्याची सजग जाणीव ठेवून केल्या जाणाऱ्या योग्य प्रयत्नांमध्येही आहे. या माध्यमासाठी लेखन करताना, सादरीकरण करताना या गोष्टीचे भान सतत ठेवावे लागते. भाषा अत्यंत सोपी, साधी असावी लागते. वाक्ये छोटी, सुटसुटीत हवीत. दिशादर्शक शब्द (उदा. वर, खाली, पुढे आदी) टाळायला हवेत. त्याऐवजी कालदर्शक शब्द (उदा. आधी, नंतर, पूर्वी) योजावे लागतात. पुस्तकी भाषेपेक्षा बोलीभाषेचा वापर करावा लागतो. पण त्याचबरोबर उच्चार शुद्ध, स्वच्छ असावे लागतात. कुठलाही मजकूर वाचताना तो समजला नाही तर परत वाचणे शक्य असते. नभोवाणीच्या बाबतीत हे शक्य नाही. त्यामुळे बातम्या वाचताना किंवा कार्यक्रमाचे निवेदन करताना श्रोत्यांना चटकन आकलन होईल इतकाच वेग निवेदकाचे ठेवणे गरजेचे असते. हे श्राव्य माध्यम असल्याने कार्यक्रमात भावभावना व्यक्त करण्याचे एकमेव साधन आवाज हेच असते.

त्यामुळे आवाजातील चढउतार, पॉझिस याचे ज्ञान निवेदकाला असणे अत्यावश्यक असते. रेडिओला साजेसा उत्तम आवाज, त्या आवाजाची फेक, त्यातील चढउतार, त्यावरील पकड, भाषेवरील प्रभुत्व आणि मुख्य म्हणजे त्या प्रभुत्वाचा उपयोग समोरच्या व्यक्तीवर छाप पाडण्यासाठी नव्हे, तर त्याच्याशी जवळीक साधण्यासाठी करता येतो, याची जाणीव या गोष्टी निवेदकाला यशस्वी बनविण्यासाठी उपयुक्त ठरतात. निवेदक, वृत्तनिवेदक, सूत्रसंचालक, समालोचक, भाषांतरकार अशा अनेक संधी या क्षेत्रात उपलब्ध आहेत.

केंद्रसरकारने खासगी क्षेत्राद्वारे नभोवाणी प्रसारणाला मान्यता दिल्यापासून या व्यावसायिक संधीचा उपयोग करून घेण्यासाठी अनेक खासगी वाहिन्या पुढे सरसावल्या. त्यामुळे अलीकडच्या काळात साधारणतः पाच ते सात वर्षांत खासगी नभोवाणी वाहिन्यांची- एफ. एम. चॅनेल्सची संख्या दिवसेंदिवस वाढते आहे. आगामी बाराव्या पंचवार्षिक योजनेत महाराष्ट्रात आणखी २१ एफ. एम. वाहिन्या सुरू करण्यास केंद्रसरकारने मान्यता दिली आहे. मात्र असे असले तरी या खासगी वाहिन्यांना बातमीपत्रे प्रसारित करण्यास परवानगी देण्यात आलेली नाही. खासगी वाहिन्यांचे कार्यक्रम विशिष्ट वयोगट डोळ्यांसमोर ठेवून तयार केलेले असतात. आणि हा वयोगट म्हणजे युवावर्ग आहे. त्यामुळे विषयही अर्थातच त्यांच्यापुरतेच मर्यादित असेच असतात. मनोरंजनाचे कार्यक्रम प्रसारित करणे आणि जाहिरातींद्वारे अर्थार्जन करणे एवढीच या वाहिन्यांची मर्यादित उद्दिष्टे असल्यामुळे त्यांचा अंतर्भाव ज्ञानाची साधने म्हणून करणे योग्य होणार नाही. मात्र रेडिओ जॉकीसारख्या व्यावसायिक संधी येथे उपलब्ध आहेत. नजीकच्या भविष्यकाळात खासगी वाहिन्यांवरची आर्थिक गुंतवणूक वाढेलही, पण त्यासाठी आवश्यक असणारे प्रशिक्षित मनुष्यबळ उपलब्ध होणार का, हा खरा प्रश्न आहे. आजही अनेक दूरचित्रवाणी आणि नभोवाणी वाहिन्यांमध्ये अशा माणसांची कमतरता मोठ्या प्रमाणात जाणवते आहे. अनेक मोठी बिझनेस हाऊसेस या क्षेत्रात उतरतायेत. राष्ट्रीय पातळीवर वाढतावाढताच त्यांना आपला विस्तार वाढविण्यासाठी स्थानिक पातळीवर येण्याखेरीज पर्याय राहिलेला नाही. स्थानिक पातळीवर, स्थानिक भाषेत वाहिन्या सुरू होत असताना त्याच भाषेचे सखोल ज्ञान असलेले, परिसर, परंपरा, तिथलं लोकजीवन, त्या ठिकाणची संस्कृती याचा अभ्यास असलेले मनुष्यबळ असणे गरजेचे आहे. या माध्यमाच्या गरजा लक्षात घेणाऱ्या, त्यातील तांत्रिक ज्ञान देणाऱ्या, प्रशिक्षित करणाऱ्या अनेक संस्था आहेत. पण लोकांच्या मनापर्यंत पोहोचण्यासाठी आधी आपण आपल्या कामात मन ओतावं लागतं आणि हे मन ओतण्यासाठी माध्यमाच्या 'ग्लॅमर'च्या मागे न जाता त्याच्या समाजाशी असलेल्या बांधिलकीची जाणीव असावी लागते. ही जाणीव फक्त तांत्रिक शिक्षणामधून येईल का ? या माध्यमांमध्ये नव्याने येणाऱ्या पिढीला ही जाणीव सतत जागी ठेवावी लागणार आहे.

या पार्श्वभूमीवर 'आकाशवाणी' ने गेली साठ वर्षे ही जाणीव सातत्याने जागती ठेवली आहे. नभोवाणीची परिणामकारकता लक्षात

घेऊनच विद्यापीठ पातळीवर शिकविल्या जाणाऱ्या विषयांशी संबंधित जगभरातील घटना-घडामोडी सुलभपणे विद्यार्थ्यांपर्यंत पोहोचविता याव्यात, त्यांना तज्ज्ञांचे मार्गदर्शन उपलब्ध व्हावे, याकरिता स्वतंत्र शैक्षणिक वाहिन्या सुरू करण्यासाठी विविध विद्यापीठे, शैक्षणिक संस्था, अभिमत विद्यापीठांनी पुढाकार घेतला आहे. 'इन्सॅट'च्या शैक्षणिक उपग्रहाद्वारे हे प्रसारण शक्य झाले आहे. पुणे विद्यापीठाची 'विद्यावाणी', डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठाची 'ज्ञानवाणी', राष्ट्रीय चित्रपट आणि दूरचित्रवाणी संस्था अर्थात एफ.टी.आय.आय.ची 'चित्रवाणी' या वाहिन्या विद्यार्थ्यांसाठी वरदान ठरल्या आहेत. त्याचप्रमाणे समाजातील विविध वयोगटाच्या व्यक्ती, त्यांची मानसिकता, त्यांच्या गरजा, त्यांचे प्रश्न लक्षात घेऊन आकाशवाणीनेही आतापर्यंत अत्याहतपणे काम केले आहे. लोकशाही मूल्यांचा पाया जनसामान्यांमध्ये रुजविण्यासाठी प्रयत्न केले आहेत. सर्वसामान्य माणसाच्या जीवनाचा दर्जा उंचावण्यासाठी अद्ययावत माहितीद्वारे त्याच्यासाठी ज्ञानसाठा खुला करणे आणि त्याच्या दैनंदिन कामात त्याला ज्ञानात्मक पाठिंबा देणे या दोन्ही जबाबदाऱ्या 'आकाशवाणी' आजतागायत कसोशीने पार पाडते आहे. त्यामुळे ज्ञानाचे सर्वाधिक प्रभावी माध्यम म्हणून आकाशवाणीचा उल्लेख करावा लागेल.

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चक्र

एक एक पान गळे
गळताना गाणं म्हणे
बोल जरी तेच जुने
नवे त्याला सूर लेणे
गळताना श्वास तुटे
ओलकट नाद घुमे
जगण्याची सळसळ
क्षणातच मागे सुटे
कसलीच नाही खंत
शांत शांत आत वाटे
गतकाळ हिटवट
छान जाळी आज होते
परकेच साटे आता
भवपास जपलेले
गळताना आठवत
डोलणे ते वस्तीतले
जगणे ते मिथ्या होते
अखेरीस उमगते
जल्म आणि मरणाचे
एक चक्र पूर्ण होते
एक एक पान गळे
गळताना गाणं म्हणे
- वैशाली मोहिते (मराठी संशोधन विभाग)

‘आजोबा हरवले’

ज्योत्सना काशिनाथ हुलबट्टे (T.Y.B.Com.)

आपलं कुणी जेव्हा आपल्यापासून खूप दूर जातं तेव्हा कसं वाटत ? हे तेव्हाच कळतं जेव्हा कुणी अगदी ‘माझं म्हटलेली’ व्यक्ती आपल्यापासून खूप लांब जाते. इतकी लांब की, आपण कितीही प्रयत्न केला तरी ती आपल्याला भेटत नाही. माझे आजोबा जेव्हा हे जग सोडून गेले; त्याच्या अगदी तीन दिवसानंतरच मी अठरा वर्षाची होणार होते.

त्यांनी जर काही कामं सांगितली तर, करावसं वाटलं तर करायचं नाही तर टाळाटाळ करायची. आज जरी ती सारी कामं करावीशी वाटत असली तरी ती कामं सांगणारे माझे आजोबा हरवले. आजोबा आम्हा सर्व भावंडांना पाठीला तेल लाव, पाठीला खाजव अशी कामे सांगायचे. मला आधी-आधी खूप मज्जा वाटायची. पण नंतर-नंतर पाठ खाजवण्याचा कंटाळा येऊ लागला. माझे आजोबा खूप लाकांची लग्नाची स्थळे बघायचे, त्यांची लग्न जमवायचे. मला नेहमी म्हणायचे, ‘अव्वी’, तुझा तो इरकल साडीवरचा फोटो आहे ना तो मस्त आहे. तो जपून ठेव, तुला स्थळं बघताना तो फोटो दाखवू.” त्यांची खूप इच्छा होती माझ्यासाठी स्थळं बघण्याची. मला ही खूप गंमत वाटायची. पण जेव्हा ते आम्हाला सोडून गेले तेव्हा आमच्या घरी येणारे प्रत्येक नातेवाईक म्हणायचे, ‘कमीत कमी मोठ्या नातीचं लग्न बघायला तरी आजोबा हवे होते. तेवढीच हाँस झाली असती पण त्यांचं नशीब.’ असं म्हटल्यावर मला जास्तच रडायला येत असायचं.

मला माझ्या पायांवर तेल सांभाळून उभारून चालवायला शिकवणारे माझे आजोबा होते हे मला खूप वर्षांनंतर कळालं. मला चालायला शिकता यावं म्हणून माझ्यासाठी लोखंडी तीन पायांची हाताने पकडून त्याच्या आधारावर चालता येणारी सायकल माझ्या आजोबांनी माझ्यासाठी खास बनवून घेतली होती. ते रोज सकाळी उठल्यावर पुशअप्स करायचे. पुशअप्स करताना मला ते त्यांच्या पाठीवर बसवायचे. मला ही घोडा घोडा खेळायला मज्जा यायची. पायावर बसवून गाणी गात. मला झोका खेळवायचे, आता जेव्हा एखादे अनेकळी आजोबा त्यांच्या नातवाला कडेवर घेऊन बागेत येतात, त्यांच्यासोबत खेळत असतात तेव्हा माझे डोळे माझ्या आजोबांना शोधू लागतात आणि ते दिसले नाहीत की, राग ही येतो आणि कंठही दाटून येतो. असं वाटतं जे आजोबा आपल्याला दिसतायत त्यांना घरी घेऊन जावं.

आजोबा मला जेव्हा अभ्यास करताना पाहायचे तेव्हा नेहमी मला विचारायचे, सांग बघू, तीन तेरा नऊ अठरा किती होतात ? मला ११ चा पाढा कसा म्हणायचा त्यांनी सांगितलं. ११० ला दहागोदरशे आणि ११२ ला बरोदुरशे, १२३ ला तेवीसाशे असं शिकवलं.

आजोबांना एक वाईट व्यसन म्हणजे ते सिगारेट ओढायचे. मी लहान असताना मला म्हणायचे, “अव्वी, जा माझ्यासाठी दोन चारमिनार आण.” मी आजोबांचं काम ऐकायची. पण जेव्हा मला कळायला लागलं सिगारेट वाईट गोष्ट आहे तेव्हापासून ते मला सिगारेट ओढताना दिसले की मी त्यांच्या हातातली सिगारेट तर मोडून टाकायचीच पण त्याचं पाकीट ही पाण्यात भिजवून ठेवायची. पण जेव्हा त्यांना कळलं की मी ती पाकिट पाण्याने भिजवते तेव्हापासून त्यांनी माझ्यासमोर सिगारेट ओढणं बंद केलं. पण चुकून जर ते मला दिसले तर ते त्यांची सिगारेट धोतराच्या आडोश्याला धरायचे. पण धोतराच्या मागून येणाऱ्या धुरावरून, वासावरून मला कळायचं. नंतर नंतर मी त्यांच्यावर खूप बारीक लक्ष ठेवू लागले पण ते काही केलं तरी सिगारेट सोडत नव्हते.

एकदा पेपरला बातमी होती, कोणाला आजोबा हवे आहेत का ? तेव्हा मला ती बातमी वाचून वाटलं आपण किती भाग्यवान आहोत. आपल्याकडे दोन आजोबा आहेत. आपल्याकडे दोन-दोन आजोबा म्हणजे आपल्याला कशाची कमी ? पण ही गोष्ट आता जुनी झाली. आता माझ्याकडे एकच आजोबा आहेत. पण ते त्यांच्या मुलांजवळ म्हणजेच मामांकडे असतात सुट्टीतच भेटतात. मला माझ्या आजोबांची खूप आठवण येते. काय केलं तर माझ्या आजोबांना मला परत मिळवता येईल ?

शाळेतून जरी जाताना आमची शाळेची शिक्षा आजोबांच्या दुकानासमोरूनच जायची. जरी आजोबा घरी भेटत असले तरी जाताना शिक्षातून डोकं बाहेर काढून ‘मुल्या’ म्हणून हाक मारून आजोबा आपल्याकडे बघताच क्षणी ‘बाय’ करायची मजा वाटायची. पण ही मज्जा आता मला मिळेल का ? आता तर तो रस्ता ही माझ्या नजरेतून हरवला आणि आजोबा... ?

हे प्रश्नचिन्ह नसते तर आज माझे आजोबा माझ्यासोबत असते.

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‘केरळ सहल’ एक अनुभवाची शिदोरी

प्रभाकर पांडुरंग गायकवाड (S.Y.B.A.)

सहल या नावातच खूप काही दडलेलं आहे. त्यामुळे हे नाव घेताच एखाद्या युवकाला स्फूर्तीचं बळ येते. मी एक मनुष्य आहे. मी ज्या निसर्गात राहतो, त्या निसर्गाचा अभ्यास करणे आणि त्याचे रक्षण करणे हे माझे परम कर्तव्य आहे.

मॉडर्न कॉलेज आर्ट्स, सायन्स आणि कामर्स, पुणे ५, भूगोल विभागामार्फत दरवर्षी देशातील वेगवेगळ्या ठिकाणी अभ्यास सहलींचे आयोजन केले जाते. यामार्फत विद्यार्थ्यांना निरनिराळ्या प्रसिद्ध आणि आश्चर्यजनक पर्यटन स्थळांचा जवळून व प्रत्यक्ष अभ्यास करण्याची संधी प्राप्त होते. दरवर्षीप्रमाणे याही वर्षी भूगोल विभागातर्फे केरळ अभ्यास सहलीचे आयोजन करण्यात आले.

अशाप्रकारे चिखलाच्या अबांग महासागरात कमळाची कळी हळूच नवचैतन्य रूप पाहण्यास डोकावते. तशी अभ्यास सहल योजनेची लाट महाविद्यालयीन पटलावर वाहू लागली.

भूगोल विभागाच्या प्रमुख आणि महाविद्यालयाच्या उपप्राचार्या डॉ. नयना कुलकर्णी मॅडम तसेच प्रा. डॉ. कांबळे सर, प्रा. डॉ. सोनवणे सर, प्रा. गाडेकर मॅडम, प्रा. वायाळ सर असे ज्ञानी कार्यक्षम, ज्ञानाचे सागर असे दिग्गज मार्गदर्शक शिक्षक लाभले या महाविद्यालयीन योजनेला.

४ जानेवारी ते १३ जानेवारी २०१६ असे दहा दिवस केरळ सहल आयोजित करण्यात आली.

“जीवनाच्या वाटेवर प्रवास काही दिवसांचा”

नवचैतन्य देऊन गेला सोनेरी क्षण सुखांचा” मॉडर्न महाविद्यालयातून कला आणि शास्त्र शाखेच्या विद्यार्थ्यांना एक संधी आली ती निसर्गातील विविध घटकांचा अभ्यास तसेच उत्तर आणि दक्षिण भारताच्या भिन्न-भिन्न अशा सांस्कृतिक, सामाजिक, आर्थिक घटकांचा आणि भौगोलिक विविधतेचा तुलनात्मक अभ्यास करण्याची !

रोजचा अभ्यास, पुस्तकी किंवा दैनंदिन कंटाळा, विशिष्ट कामाची आस, ठळक मंदपणा आम्हास जडला होता. अशावेळी आयुष्याला कलाटणी, मनातील असंख्य भौगोलिक प्रश्नांना मुक्त करण्यासाठी सामाजिक व नैसर्गिक घटकांचा जवळून अभ्यास करण्यासाठी भूगोल विभागाने एक कार्यक्रम ठेवला तो म्हणजे केरळ अभ्यास सहल.

आतापर्यंत महाविद्यालयात मिळालेल्या ज्ञानाची शिदोरी घेऊन आजून आपले स्वतःचे आयुष्य फुलवण्यासाठी सहलीमध्ये आम्ही

सहभागी झालो.

पुणे रेल्वे स्टेशनवरून भारतीय प्रमाण वेळेनुसार रेल्वेराणी तुडुंब बोजा घेऊन आपला कार्यक्रम करू लागली. दोन दिवसांच्या प्रवासानंतर आम्ही सर्वजण भारताच्या दक्षिणेस असलेल्या केरळ राज्याची राजधानी त्रिवेंद्रम (तिरुअनंतपुरम) मध्ये ५ च्या सुमारास पोहोचलो. तेथून मिनी ट्रॅव्हलसने त्रिवेंद्रम ते कन्याकुमारी असा प्रवास केला. प्रवासादरम्यान अनेक युवा तोंडे वेगळ्याच विश्वात रमली. रस्त्याच्या दोन्ही बाजूने विस्तृत अशी भात शेती, ते पाहून जणू आम्ही गवताळ प्रदेशातच आलो असे वाटायला लागले. उंच-उंच नारळांची झाडे फांद्याच्या व खोडांच्या आकारांमुळे ते ठिकाण आकर्षक होते. दाट झाडांमुळे केरळ राज्य नारळांच्या झाडांमध्ये का नारळांची झाडे केरळ राज्यामध्ये असा प्रश्न केरळमधल्या पर्यटकांना पडणे स्वाभाविकच आहे. नारळांची झाडे संपूर्ण राज्यभर पसरलेली दिसतात. सकाळच्या धुक्यामधून अचानक उंच डोंगर दृष्टीस यायचा तो पण वृक्षांनी नटलेला आ वासून आजूबाजूचा परिसर पाहण्यात दंग असेलेले चेहरे एकदाचे कन्याकुमारी येथे पोहोचले. युवकांच्या मनातील नयनरम्य वातावरण पाहण्यासाठी हेलखावे खाऊ लागले आणि अशा प्रकारे हिवाळ्याच्या गुलाबी थंडीतील अभ्यास सहलीचा प्रारंभ झाला.

सर्वप्रथम आम्ही विवेकानंद स्मारक पाहण्यासाठी गेलो. हे स्मारक भारताच्या दक्षिण टोकापासून ५०० मीटर अंतरावर समुद्रातील दोन खडकांवर उभारलेले आहे. डिसेंबर १८९२ मध्ये स्वामी विवेकानंद ज्या खडकावर ध्यानास बसले होते त्याच खडकावर हे स्मारक उभारले गेले आहे. या ठिकाणी आम्ही प्रथमच जहाजाचा प्रवास अनुभवला आणि स्वामीजींच्या चरणी नतमस्तक झालो. विवेकानंद स्मारकाच्याच शेजारी भव्य असा १३३ फूट थिरुवल्लुवर या कवीचा पुतळा आहे. तसेच सूर्यास्ताचे नयनरम्य दृश्य याच

ठिकाणी पाहावयास मिळाले आणि कन्याकुमारी येथेच चंद्र महाशयांच्या हजेरी त रात्रीचे जेवण प्रत्येकाच्या आवडीनुसार घेतले. तेथे आम्ही दक्षिण भारतीय अन्नपदार्थ प्रथमच खाल्ले.

दुसऱ्या दिवशी थंडीच होती. अनेक तोंडे कडाकड वाजत स्वतःचे आवरून एकत्र जमले. प्रा. डॉ. कांबळे सर, प्रा. वायाळ सर, राऊत काका पाच वाजताच आवरून सहाच्या आतच हजर होते.



सरांकडून पहिल्यास दिवशी वेळेचे महत्त्व आम्हाला कळले आणि थंडीच्या मैफलीत न उठणारे तरुण वेळेच्या आधीच हजर राहू लागले.

आम्ही सुचिद्रम मंदिर दर्शन घेण्यास निघालो. मंदिरामध्ये लुंगी घातल्याशिवाय प्रवेश दिला जात नव्हता. आम्ही सर्व मुले लुंगी घालून मंदिरात प्रवेश केला. मंदिरामध्ये सुरेख प्राचीन नक्षीकलेचा एक उत्तम नमुना पहावयास मिळाला. दक्षिण भारतातील अशा प्रसिद्ध व प्राचीन मंदिरामध्ये श्रीविष्णूची सुंदर मूर्ती पहावयास मिळते.

तेथून आम्ही कोवलम बीच पाहण्यासाठी गेलो. या ठिकाणी खूप दूरवर पसरलेला अथांग समुद्र पहावयास मिळाला. तेथील मृदा वालुकामय होती. लाटांचा मनमोहक आवाज. हवी-हवीशी वाटणारी गार हवा आणि नारळाच्या झाडांनी नटलेला आजूबाजूचा परिसर मनाला भारवून टाकणारा होता. सकाळी गाणी, नाचाच्या तालावर थंडी पळून गेली. आणि आम्ही मुन्नारला जाण्यास मार्गस्थ झालो. या प्रवासादरम्यान अनेक डोळ्याला भारवून टाकणाऱ्या सुंदर वृक्षांनी नटलेल्या दऱ्या, खोऱ्या व रस्त्याच्या दोन्ही बाजूने चहाची शेती आणि घनदाट वृक्ष तसेच अननसाची शेती, कॉफीचे मळे. मुन्नारच्या सभोवतालच्या प्रदेशामध्ये चहाचे उद्योग विकसित झाले आहेत. तेथून विविध प्रकारची चहा पावडर भारताच्या विविध भागात निर्यात केली जाते.

दिवसभराचा थकवा जावा म्हणून विश्रांती घ्यावी तर सज्जन विद्यार्थ्यांना गाणी नाच यांच्या जोडीने रात्री झोपण्यासाठी बिछाने पडत ! रविवार दि. १० जानेवारी १६ हसत-खेळत कल्ला करत स्नान उरकून पेरियार अभयारण्याच्या दिशेने आम्ही निघालो. गाणी ऐकत मजा करीत प्राण्यांच्या दुनियेत जाताना माकडांचे रूप घेऊन जात होतो. आणि एकदाचे पेरियार अभयारण्यात पोहोचलो. सकाळचा सात-आठचा सुमार होता. मान वर करून आम्ही वेगवेगळे पक्षी पाहण्याचा प्रयत्न करू लागलो. पण पक्ष्यांनी आपले सर्व काही आवरून केव्हाच या जागेला रामराम ठोकला. परंतु लंगूर (माकडाची एक जात) ने दर्शन दिले ते पण झाडाच्या उंच भागावरून !

डोंगर उतारावर चहाचे मळे, त्यामध्ये असणारे उंच-उंच वृक्ष आणि त्या प्रत्येक झाडावर काळी मिरीच्या वेली तसेच कॉफीचे मळे, लवंग, चहा, कॉफी या प्रमाणेच इलायचीचेही उत्पादन



मोठ्या प्रमाणात घेतले जाते. ओली इलायची वाळवून त्यापासून सुकी इलायची तयार केली जाते. ६ किलो इलायची वाळवल्यास त्यापासून १ किलो इलायचीचे उत्पादन मिळते.

दुपारी दक्षिण भारतामध्ये प्रसिद्ध असलेल्या 'फिश करीचा' स्वाद घेतल्यानंतर आम्ही गाण्यांच्या तालावर एरणाकुलमकडे (कोचिन) निघालो. मुलांनी प्रवासादरम्यान छान नृत्य केले. एका बेटावरून दुसऱ्या बेटावर असे करत एरणाकुलमध्ये पोहचलो. तेथे जाळीने मासे पकडण्याच्या पद्धती तसेच तेथे विविध प्रकारचे, विचित्र आकाराचे मासे बघितले, खेकड्यांच्या विविध जाती आकार व रंग आणि इतर सागरी जीवांची माहिती मिळवली. प्रत्येकाने आपल आवडीच्या वस्तूंची तेथे खरेदी केली.

रात्री आठ-नऊ वाजता कोचिनमध्ये प्रत्येकाने आपल्या आवडीच्या पदार्थावर एकदाचा ताव मारला. रात्री दहापर्यंत हा कार्यक्रम चालू होता. शेवटचा दिवस म्हणून पहिल्या दिवसापासून आजपर्यंतचा आनंदमय प्रवास डोळ्यासमोर फेर धरत होता. रात्री दहा वाजेपर्यंत मुले शेवटच्या दिवसाचा आनंद लुटत होती. या दहा दिवसांमध्ये कितीतरी आनंददायी क्षण, नैसर्गिक अनुभव आणि अप्रतिम ठिकाणे पाहून ठरलेल्या वेळेनुसार आम्ही विवेचन रेल्वे स्थानकावर पोहोचलो. सामानांची मोजणी करून, सामान रेल्वेत टाकले आणि पुण्याच्या दिशेने रवाना झालो.

केरळ सहल ही आमच्या जीवनाला नवचैतन्य देणारा एक क्षण होता. ज्यामुळे केरळमधील सामाजिक, सांस्कृतिक, आर्थिक घटकांचा जवळून अभ्यास करता आला. तसेच निसर्गातील सर्व प्रकारचे क्षण अनुभवता आले व अनेक भौगोलिक, नैसर्गिक प्रश्नांची उत्तरे आम्हाला मिळाली. तसेच पर्यटनाच्या बाबतीत केरळ हे भारतातील दुसऱ्या क्रमांकाचे राज्य आहे. सृष्टीसौंदर्य पाहायला व आयुर्वेदिक उपचारासाठी देशातून तसेच जगभरातून हजारो प्रवासी केरळमध्ये येतात. राज्यातील साक्षरतेचे प्रमाण १००% आहे. त्यामुळे केरळ भारतातील सर्वाधिक शिक्षितांचे राज्य आहे. तसेच भारतातील सर्वात कमी भ्रष्ट राज्य आहे.

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आमची शिवजयंती

सुजित चंद्रकांत नवले M.C.A. (Science I)

“छत्रपती शिवाजी महाराज की” म्हटल्यावर जय म्हणणार नाही असा माणूस महाराष्ट्रात तरी सापडणार नाही. कारण छत्रपती शिवाजी महाराज कोण होते हे इथल्या मुलांना कधी सांगावचं लागत नाही. जणू “शिवाजी” ही तीन अक्षरे त्याच्या भाळावरती कोरूनच इथली माती त्याला जन्माला घालते. माझंही तसंच काहीसं झालं होतं. लहानपणापासूनच छत्रपतीविषयी एक आदर मनामध्ये आहे. छत्रपती शिवाजी महाराज कोण होते हे लहानपणी कोणी सांगावेचं लागले नाही. जवळपास सात वर्षांचा होईपर्यंत गावीच होतो. शिवजयंती आली की गावात एक उत्साहाचे वातावरण असायचं. गावातील काही मोठी मुलं ज्योत आणण्यासाठी किल्ल्यावरती जायचे. एके वर्षी जाण्यासाठी मी सुद्धा हट्ट केला. तेव्हा माझे वय अवघे सहा वर्षं होते. त्यामुळे मला घरातल्यांनी पाठवलेच नाही. आणि रात्री माझा रुसवा काढण्यासाठी छत्रपतींच्या वेषामध्ये मिरवणुकीच्या रथावरती उभे केले होते. त्या दिवशी छत्रपती असे मनामध्ये कोरले गेले, की कोणतेही काम करताना किंवा अवघड निर्णय घेताना छत्रपतींचे विचार काय सांगतात याचा विचार होऊ लागला.

सात वर्षांचा झाल्यानंतर शिक्षणासाठी पुण्यात आलो. वडलांची नोकरी नुकतीच कायम झाल्यामुळे फ्लॅट घेणं परवडणारं नव्हतं. म्हणून चाळीतच खोली घेऊन राहावं लागलं. चाळीत माझ्याच वयाची ८-१० मुले होती मग काय एकदमच गट्टी की हो. माझ्या प्रमाणेच इतर सर्वही महाराजांचेच भक्त. अशातच शिवजयंती आली होती आणि यंदाची शिवजयंती साजरी करायची असं आम्ही ठरवलं. तसं आम्ही ७-१० वयोगटातलीच टाळकी.

शिवजयंतीसाठी महिनाभर पैसे साठवून सगळ्यांचे मिळून ५ रु. जमले. शिवजयंती करायची पण नक्की काय करायचे हे तर कोणालाच माहीत नव्हतं. मग जो तो आपलीच पद्धत चालवू लागला. मी ज्योत आणण्याची आयडिया सुचवली. पण आपण तर एवढे लहान, कोठून आणणार आणि कसे जाणार त्यातूनच हे सर्व उद्योग घरच्यांना कळू न देता करायचे आहेत, घरी समजलं तरी सगळंच बंद. म्हणून अभिने आयडिया दिली की ह्यावर्षी ज्योत नको आणायला. यावर्षी आपण छोटीच शिवजयंती करू. मूर्तीचा



प्रश्न अक्षयने सोडवला. त्याच्याकडे दिवाळीला किल्ल्यावरती बसवायची महाराजांची एक मूर्ती होती तो ती आणणार होता. चाळीच्या जिऱ्याखाली जी मोकळी जागा होती तिथे टेबल टाकून त्यावरती महाराजांची मूर्ती बसवायची असा प्लॅन ठरला. डेकोरेशनसाठी पूर्ण चाळीत पताका लावू असे ठरले आणि आठ आण्याचा गम आणला. गोधडी शिवायचा दोरा गोळे आजींकडून घेतला आणि रात्री ८ नंतर घरातून चोरून बाहेर पण पूर्ण चाळीत भगव्या पताका लावल्या.

अरुणचे वडील शिवसेनेचे कार्यकर्ता असल्याने ४ भगवे झेंडे मिळाले, मग मी आमच्या खिडकीच्या पडद्याचे पाईप झेंडे लावायला

काढून नेले. चाळीच्या सुरुवातीला २ भगवे झेंडे डौलाने फडकू लागले. सविता आल्याच्या घरातून छोटा टेबल मागून आणला. टेबल आणताना सविता आल्याला शेवटी आम्हाला आमचा प्लॅन सांगावा लागला, तिने पण कौतुकाने टेबल काढून दिला होता. त्यावर टेबल क्लॉथ पण दिला. आमची जागा आम्ही स्वच्छ करून ठेवली. ४ बादल्या पाणी घालवून धुऊन घेतली. जागा सुकवून टेबल लावून, क्लॉथ

टाकून घेतला. मागे लावायला भगवे कापड हवे होते, तर ती आईच्या सुटकेस मधून तिचा भगव्या रंगाचा ब्लाऊजपीस चोरून नेऊन लावला.

डेकोरेशन तर सगळं झालं. तेवढ्यात अभि म्हणाला, “महाराजांना काय उघड्यावर ठेवायचं व्हय. वर छत्री नको का ?” आता छत्री कोठून आणायची हा मोठा प्रश्न, पण त्यावर पण याच महाशयानं उत्तर शोधून काढलं. खेळण्यातला प्लॅस्टिकचा मोठा बॉल बरोबर अर्ध्यातून कापला आणि त्याला लाल रंगाचा घोटीव कागद लावून बरोबर मधून दोरा ओवून घेतला आणि ती छत्री वरती लावली.

झालं, शिवजयंतीची सगळी तयारी झाली असं वाटतंय ना तोच मला आठवलं अरे मिरवणुकीचं काय झालं ? आणि दिवसभर साऊंड लावायचा नाही का ? मग चाळीतल्या सीमाताईंचा डान्स क्लास होता. मग आम्ही तिच्याकडे गेलो आणि तिला आयडिया सांगून तिचा छोटा टेप मागितला. आमचा शिवजयंतीचा उत्साह पाहून तिने खराब न करण्याची ताकीद देऊन टेप देण्याचे कबूल केले. टेप तर मिळाला पण कॅसेटच काय मग. आम्ही परत

अरुणच्या वडिलांना धरलं आणि काका आम्हाला गावातल्या मोठ्या मंडळाच्या पोरान्कडून कॅसेट घेऊन द्या म्हणून हट्ट केला. अरुणच्या वडलांचे गावात वजन असल्याने त्यांनी पण एक शाहिरांच्या पोवाड्याची कॅसेट घेऊन दिली आणि आमचं काम झाले. आता फक्त प्रश्न होता मिरवणुकीचा.. मग सगळ्यांनी आपले खेळण्यातले ट्रक, रिक्शा आणि कार बाहेर काढल्या व डेकोरेट करायला सुरुवात केली.

मी माझ्या ट्रकला फुलस्केप वहीचे पुड्डे कापून ट्रकच्या हौद्यावरती आडवी व उभी लावून रथ तयार केला, त्यावरती घरातील सगळ्या पत्रिका, हुडकून सापडलेला महाराजांचा फोटोबरोबर कट करून चिकटवला. गौराईच्या झुरमळ्या लावल्या व महाराजांची मूर्ती माझ्याच ट्रकवरून आणायची असं ठरलं. आप्पाच्या गाडीला ज्योत बांधायची व ती मोठ्या पोरान्का मंडळातून पेटवायची असं ठरलं. नुकतीच होळी झाली होती, तर होळीला घेतलेली दुमकी सगळ्यांनी बाहेर काढलेली. तर मी आणि अमित आमच्या गाड्या दोऱ्या लावून ओढणार आणि बाकीचे दुमकं वाजवणार. रात्री ९.३० ला सगळा प्लॅन ठरला आणि आम्ही घरी गेलो.

सकाळी उठल्यावर गुढीपाडव्याला आणलेला कुडताच घालायचा म्हणून भांडून मी तो घालून ७ लाच आमच्या मंडळात हजर मग अवि, अरुण, अक्षय, समीर पोहचले. अरुणच्या वडिलांनी सगळ्यांना भगवा गंध लावला आणि आम्ही मिरवणूक आणायला गेलो. आमची वाजत गाजत मिरवणूक मंडळापर्यंत पोहचली. तोपर्यंत सीमाताईने रांगोळी काढली होती. मग महाराजांची मूर्ती बसवून आम्ही महाराजांची व बाप्पाची आरती केली आणि पोवाडे लावले. पोवाडे सुरू झाल्यानंतर त्या ७-१० वर्षांच्या आम्हा पोरान्कां छाली गर्वाने फुलून आली. दिवसभर तीच तीच कॅसेट ऐकून रात्री आमची शिवजयंती संपली. शिवजयंती साजरी झाल्याचा आनंद गगनात मावत नव्हता. अशीच शिवजयंती कित्येक वर्ष आम्ही चाळीत करत होतो. चाळीत शिवजयंती करायची प्रथा सुरू केली होती.

हळूहळू मोठे झालो. चाळ सोडून दुसरीकडे शिफ्ट झालो होतो. वाढत्या वयाप्रमाणे शिवजयंतीचे स्वरूप बदलले होते. लहानपणी आम्हाला तिथी व तारीख समजत नव्हती. आता आम्ही याच तिथी आणि तारखेत अडकून पडलो होतो. मागे लावलेल्या आईच्या ब्लाऊज पीसची जागा आता फ्लेक्सने घेतली होती. २ रुपयात केलेली शिवजयंती आता लाखो रुपये खर्चून सुद्धा तेवढा आनंद देत नव्हती. खरंच आज असं वाटतंय की, आमची लहानपणीची चाळीतली शिवजयंती 'लय भारी' होती.

त्या निरागस वयात शिवजयंतीसाठी केलेले उद्योग महाराजांच्या निष्ठेपोटी होते. आता तेवढी निष्ठा लोकांच्यामध्ये दिसत नाही हीच शोकांतिका. आता महाराजांप्रतीच्या निष्ठेपेक्षा त्यांच्या जयंतीच्या 'तिथी-तारखे'ची स्पर्धा आम्हांला महत्वाची वाटते !

□□□



पूजा
(एम.एस्सी., फिजिक्स)

कसं सांगावचं आई...

कसं सांगावचं आई तुझ्याविषयी जीवनातील स्थान
तुझ्यासारख्या भोळीभाबडीला कसला गं मान
असता समोर तू नाही कळत किंमत
बोलतानाही हे करावी लागते हिंमत
प्रेमाने, मायेने कुठवाळणाऱी तू लयभारी
तू जगाची माऊली, देते मला सावली
दुःखामध्ये साध देणारी, टेंशन घेऊन नकोस बाळा
असंच सतत म्हणणारी
स्वतः मात्र एडणाऱी हुंदका लपवून भिडणाऱी
कसं जमतं तुला पटिस्थिती सांभाळणं
आपल्या पोट्याच्यामागे निर्भीडपणे उभं राहणं
अडचणीवर मात करणं, हरवलेले क्षण पुन्हा मिळवणं
त्यामध्ये आनंद शोधणं, ना जमणार कोणाला
जीवनाची वाट दाखवते, कधी कधी मध्येच सोडून जाते
तेव्हा तुझी आठवण दाटूनच येते
आनंद असला तरी नकोसा वाटतो.
तू कधी येशील हेच सतत पाहते
उंचव्यावर वाट पाहता मनही हरवून जाते
पण तुझी सकच झलक पाहता पुन्हा
गुणगुण लागते -
माझ्या मनाची दोरी, तुझ्याच पदचाल
हिरमोडू नको कधी, होऊ नको उदास
नाही पसंत मला तुझं गप्प राहणं
थोडफाटसं घरचंही टेंशन घेणं
अवघड वाटते तुझ्याविना सर्व काही
कधी येशील तू याचीच खूप घाई
आता तरी ये ना गं आई !

- साकारे पल्लवी अनिल (१२ वी विज्ञान)

असंच आपलं जाताजाता सापडलेलं आन काहीसं सुचलेलं

ऋषिकेश र. वडके (MCA Science)

तो तसाच बाकड्यावर खूप वेळ एकटाच बसून होता. त्याचं मन अगदी सुन्न सुन्न झालं होतं. ते सध्या कुठलाच विचार करण्याच्या मनःस्थितीत नव्हतं. तो आत आत मधूनच खूप जास्त खचला होता.

आपण काहीतरी खूप मोठी चूक केली आहे, त्याचं मन त्याला सतत सांगत होतं. आणि कदाचित ते त्याला स्वतः तितकच पटत होतं. त्यामुळे खूप दिवसांनी तो स्वतःच्या मनाशी काही वाद न घालता अगदी शांत शांत बसला होता.

आपल्या घरातले इथे कुठल्या संकटाशी झुंजत होते अन् आपण काय करत होतो. या गोष्टीचं तसं बघता एकमेकांशी काहीच तारतम्य नव्हतं, तरी उगाचच तो त्या जोडू पहात होता. दादा आन बाबांना जाऊन धीर द्यावा तर वयाने लहान त्यात हातात १ रुपया स्वतःचा असा नाही. आणि जाऊन समजवावं तर तेवढी हिम्मतही नाही, आपण काहीतरी खूप मोठी चूक केली आहे ही भावना त्याच्या मनात इतकी खोलवर रुजली होती कि ती त्याला दादा-बाबांकडे जाऊच देत नव्हती.

आईचा चेहरा तेवढा त्याला दिसत होता तो आपल्या त्या चेहऱ्याकडे मन भरून बघत होता अन् दादून आलेल्या अश्रूंना डोळ्यांतून वाहून न देण्याची परवानगी देऊन मनातल्या मनात मनभरून रडत होता. त्याचा आपला स्वतःचाच स्वतःशी खेळ चालू होता. स्वतःच स्वतःला दोष देत होता. स्वतःच स्वतःला सावरत होता अन् स्वतःच स्वतःलाचे निर्णय घेत होता. त्या बिचाऱ्या आईला ह्याचं काहीच भान नव्हतं ती आपली ICU मध्ये निपचित पडून होती.

हे सगळं चालू असतानाच त्याला बाबा बाकड्यावरून उठताना दिसले, अन् त्याच्या मनात शंका कुशकांचा पाऊस अगदी जोरदार बरसू लागला. कारण डॉक्टर ICU मधून काहीतरी घेऊन बाहेर आले होते. काय असेल ते आपल्या आईला काही झालं तर नसेल ना. ती ठीक तर होईल ना? हे आणि असे अनेकविध प्रश्नांचं त्याच्या मनात काहूर माजलं होतं. तो तिथून उठला अन् आडोशाला जाऊन काही ऐकू येतं का पाहू लागला. डॉक्टर दादा अन् बाबांना सांगत होते. त्यांची तब्येत खूपच critical आहे, त्यांनी कसला तरी खूप मोठा धसका घेतलेला दिसतोय, सतत कसलातरी विचार करत असाव्यात. त्यात त्यांच्या हृदयाला एक छोटंसं होल आहे. ह्या सगळ्यामुळे हृदयावर pressure आल्या कारणाने असं झाले आहे. आपल्याला ह्यासाठी तात्पुरतं एक छोटंसं operation करून घ्यावं लागेल. खर्च तसा १-१.५० लाख पर्यंत जाईल, कारण

operation जरी छोट असलं तरी हृदयाच असल्या कारणाने experts बोलवावे लागतील. तुम्ही पैशाचं बघा. मी मग तयारीला लागतो operation च्या.

हे ऐकून बाबा जागच्या जागी अगदी स्तब्धच झाले. ५०-५५ वय झालेलं आता जीवाला काम होत नव्हतं, कुठला तरी जुना पुराना कारखाना त्यात एकटाच माणूस. दादा नुकताच नोकरीला लागलेला एकट्याच्याच जीवावर अखडं घर चाललं होतं. अन् हा १-१.५० आकडा ऐकून त्यांना आता काही सुचेना झालं होतं. ते तिथल्या तिथं बसले.

दादा हि त्यांच्या लगोलग खाली बसला न त्यांना समजावण्याचा प्रयत्न करू लागला. बाबा आपण करू काहीतरी. तुम्ही असं खचून जाऊ नका, तुम्ही खचून गेलात तर आम्ही कुणाकड बघायचं? हे अन् असे बरेच समजुतीचे बोल बाबांना सांगत होता.

पण बाबांचं त्याच्या बोलण्याकडे काही एक लक्ष नव्हतं ते आपले त्यांच्याच विचारांच्या विश्वात खोल खोल बुडाले होते ज्यात त्यांना १-१.५० लाख हा आकडा अगदी स्पष्ट दिसत होता!

□□□

सकाळचे मन

सकाळ झाली की, माझं हे असं होत,
तुझी आठवण दादून येते नि मन पिसं होतं. ||१||

ऊर भरून येतो मनात

सूर्य पूर्वेला दिशात

सगळ्यांमध्ये असूनही सकटीच

असते मी,

जसे माझ्या मनाचा बिंदू

तुझ्या आठवणीच्या थव्यात ||२||

मला सकटं बघून सूर्य बिथरला

क्षणात सात रंगात पसरला

सूर्याचा पहिला किरण आणि

कवनाबागे असलेला तुझा श्वास

दादून येतो मनात

आणि मग,

सकाळ झाली की, हे असं होतं

तुझी आठवण दादून येते अन्

मन मात्र पिसं होतं.

- मृणाल विष्णू जोशी (S.Y.B.A.)

हद्य आठवणी

सौ. नीलिमा पानसे (भिडे)

माजी विद्यार्थिनीचे मनोगत...

भोरसारख्या लहान ठिकाणाहून पुण्यात शिक्षणासाठी यायचे ठरवले. विद्यार्थी साहाय्यक समितीत राहाण्याची सोय झाली. त्याच्याजवळ असलेले महाविद्यालय म्हणून मॉडर्न महाविद्यालयात प्रवेश घेतला. जेमतेम ८व्या वर्षात पदार्पण केलेले महाविद्यालय अनेक आठवणींनी मन भरून आले. ज्ञानी, व्यासंगी प्राध्यापकांमुळे महाविद्यालयीन दिवस चांगलेच लक्षात राहिले आहेत. बी.ए. (इकॉनॉमिक्स) पदवी घेऊन माझे शिक्षण पूर्ण केले.

त्याकाळात १८०० ते २००० विद्यार्थी संख्या असेल. प्राचार्य लिमये यांचा विद्यार्थ्यांनी वक्तशीर राहाण्याचा दंडक असायचा. विद्यार्थीदशेत मुलांमध्ये हा गुण असणे फारच गरजेचे आहे. प्रा. मुकुंद महाजन, प्रा. वि. भा. देशपांडे यांच्यासारखे प्राध्यापक लाभले. फारच तळमळीने शिकवत असत. वर्गात फिरून मुलांना शिकवलेले समजते आहे का हे ते जाणून घेत असत. प्रा. चिरपूटकरसर भोरचे असल्याने मला त्यांची मदत होत असे. चिरपूटकरसरांमुळे माझ्या मनावरचे दडपण खूपच कमी झाले. त्यांचा मला कायमच आधार वाटत असे. तेव्हाचे कॉलेज व आताचे कॉलेज यात जमीन-अस्मानाचे अंतर आहे. दर एकदिवसाआड महाविद्यालयाच्या बातम्या वृत्तपत्रात झळकत असल्याने महाविद्यालयाने व आमच्या इकॉनॉमिक्स विभागाने केलेली प्रगती समजते आहे. पदव्युत्तर शिक्षण व संशोधन केंद्र अशी भरारी घेतली. नेत्रदीपक यश मिळवले.

महाविद्यालयास NAAC कडून A grade, College with potential for excellence कॉलेज NSS, NCC जिमखाना विभागाने मिळवलेले यश सर्व काही अभिनंदनास पात्र आहेत. Arts Circle ची प्रगती शिवछत्रपती पुरस्कार विजेत्यांची संख्या या सर्व गोष्टी महाविद्यालयाच्या घोडदौडीचे निर्देशक आहेत. आमच्या वेळचे बहुतेक प्राध्यापक निवृत्त झालेले असले, तरी पुढच्या पिढीने रिले स्पर्धेसारखी प्रगतीची मशाल तेवत ठेवून पुढे नेलेली आहे.

माजी विद्यार्थिनी म्हणून मला खरोखर सर्व गोष्टींचा अभिमान वाटतो. असेच विचारी, तळमळीने शिकवणारे, विद्यार्थ्यांवर संस्कार घडवणारे प्राध्यापक महाविद्यालयाला लाभत हीच सदिच्छा व पुढील प्रगतीसाठी हार्दिक शुभेच्छा. आगामी सुवर्णमहोत्सव

धुमधडाक्यात साजरा करावा ही इच्छा सोसायटीचे भव्य सभागृह असावे हे आमचे स्वप्न पूर्ण करणाऱ्या सोसायटीच्या पदाधिकाऱ्यांचे मनःपूर्वक अभिनंदन.

प्रा. वि. भा. देशपांडे सरांकडून मोजक्या शब्दात आपले म्हणणे कसे मांडावे हे शिकले. साधे आटोपशीर व प्रसंगाला धरून कसे बोलावे हे शिकले. साधेपणातही सौंदर्य आहे हे त्यांच्याकडून समजले.

अभ्यासाव्यतिरिक्त पी.टी.च्या तासाला प्रा. लागू सर मुलांकडून शिस्तबद्ध व्यायामप्रकार करवून घेत. मला आठवते, दोन-चार विद्यार्थी तासाला व्यवस्थित वागत नसत. प्रा. लागू सर दटावून म्हणत- “झोपेतून उठल्यावर आळस देता तसा व्यायाम करू नका. तुमच्या रक्तामध्ये व्यायाम भिनला पाहिजे आणि तरच मला पगार घेताना समाधान वाटेल.” असे शिक्षणाबरोबर आरोग्याची काळजी घेणारे शिक्षक कॉलेजला व आम्हांला लाभले, त्यामुळे आम्ही आमच्या मुलांना आज योगासनांचे महत्त्व पटवून देऊ शकतो. सरांचे आभार मानावे तेवढे थोडेच आहेत.

माझी मैत्रिण व मी होस्टेलवर राहात होते. कॉलेजची शैक्षणिक सहल जाणार होती. आमच्या घरून पैसे येण्यास उशीर होता म्हणून आम्ही सहलीला जाऊ शकत नव्हतो. ही गोष्ट प्रा. आपटे सर व प्रा. महाजन सरांशी आम्ही बोललो. त्यांनी प्राचार्यांच्या कानावर ही गोष्ट घातली व आमचे सहलीचे पैसे भरले व आम्ही त्या सहलीचा केवळ त्या सर्वांमुळेच आनंद घेऊ शकलो. असा माणुसकीने व वडिलकीच्या मायेने वागणारा कॉलेज स्टाफ मी कधीच विसरू शकणार नाही. मायेने वागता वागता शिस्त, वेळेच महत्त्व व त्यानुसार आपला दिनक्रम कसा आखावा हे नियोजनबद्ध ज्ञान मला कॉलेजकडून मिळाले. समोरची व्यक्ती अडचणीत आहे तर तिला आपली मदत कशी होईल व त्यांच्या समस्या कशा दूर होतील हे माझे आयुष्य जगताना मला वाटते. त्याचे श्रेय मी प्राध्यापकांना देऊ इच्छिते.

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कालचे 'मॉडर्न' आजच्या भेटीला

संवाद : शैलेश लेले यांचेशी

मुलाखतकार - निखिल साळवी (T.Y.B.Sc., Physics) अपूर्वा लेले (F.Y.B.Sc. 'B')

● नमस्कार सर, आज तुमची मुलाखत तुम्ही ज्या कॉलेजमधून पास झालात, त्या कॉलेजच्या नियतकालिकात छापली जाणार, कसं वाटतंय?

माझं मॉडर्न कॉलेजशी खूप जवळचं, अतूट नातं आहे सांस्कृतिक कार्यक्रमांचा परिचय, त्याकरिता व्यासपीठ हे कॉलेजनेच मला दिले.

● कलामंडळात तुमची भूमिका काय होती? तुमच्यातल्या कलेची सुरुवात कशी झाली?

मी तबलावादक होतो. आणि सुरुवात म्हटलं तर मी ७ वी मध्ये असताना अजित देशपांडे (राची) यांच्याकडे शिकायला सुरुवात केली. मी त्यांचा पुण्यातला पहिला विद्यार्थी होतो.

● मॉडर्न कॉलेजमध्ये कोणत्या प्रकारचे व्यासपीठ मिळाले?

मी फिरोदिया कॅरंडक सलग पाच वर्षे केलंय. शिवाय लोकसत्ता भावरंग (१९९६) या स्पर्धेत आम्ही जिंकलेलो होतो. आमच्या वेळी MOM कॅरंडक नावाची एक स्पर्धा चालायची जी मोहनकुमार भंडारी स्टुडिओतर्फे चालायची, त्यातही आम्ही सहभाग घेतला. Final मध्ये Tracks वर गाणं मात्र खरंच challenging वाटायचं.

शिवाय माझे गुरू अजित सरांमुळे ९ वीत असताना मला पुणे आकाशवाणीत ३ बालगीते वाजवण्याची संधी मिळाली. कॉलेजमध्ये म्हटलं तर, भारत विकास परिषदेतर्फे समूहगीत गायनाच्या स्पर्धेत आम्ही सलग ३-४ वर्षे जिंकलो.

शिवाय इंदोर, हैदराबाद आणि रोहतक इथेसुद्धा आम्ही संगीत स्पर्धेसाठी सलग ३ वर्षे गेलो.

अनेक आठवणींपैकी एक म्हणजे फिरोदिया कॅरंडकसाठी चालणारी प्रॅक्टिस कॉलेजच्या लायब्ररीत अगदी ८-९ वाजेपर्यंत आम्ही प्रॅक्टिस करायचो.

पाटणकर मॅडम तर प्रॅक्टिसच्यावेळी आम्हा सर्वांसाठी धरून डबा करून आणत.

१९९७ ला जेव्हा मी First year ला होतो तेव्हा Firodiya मध्ये मला Best rhythmist चं Award मिळालं.

त्यामुळे मॉडर्न कॉलेजने खूपच चांगला platform दिला, एक व्यासपीठ दिले.



● कॉलेजमध्ये असताना Academics आणि कला मंडळ या व्यतिरीक्त गोष्टींमध्ये सहभाग असायचा का?

खरंतर NCC ची मला प्रचंड आवड होती आणि ११ वीत असताना माझे cad.c 1 साठी selection झालं. शिवाय १९९८ च्या January मध्ये आम्ही महाराष्ट्राला Represent केलं. तो खरंच मोठा अनुभव होता.

माझा रिजितवन रे नावाचा मित्र होता. शिवाय अमित गोरखे नावाचा एक मित्र Arts मधून आणि मी Science मधून होतो. पण तरीही NCC हा common interest असल्यामुळे आमच्यातलं Bonding खूपच वाढलं. पुढे आम्ही १९९८ मध्ये कलारंग सांस्कृतिक कलासंस्था काढली. आणि तो त्याचा अध्यक्ष आणि मी उपाध्यक्ष आहे.

● अरे वा! मग सध्याचा तुमचा नेमका व्यवसाय काय?

माझी प्रभा एन्टरप्रायझेस् नावाची संस्था आहे. त्यात Entertainment activities केल्या जातात आणि मी त्याचा organizer आहे.

TV वर सूरताल नावाचा कार्यक्रम असायचा. आमचा 'पिया बसंती रे' नावाचा प्रथम show ज्यात सगळी पावसाची गाणी होती. शिवाय 'स्वप्नसूर गीत नवे संगीत नवे' नावाचा एक concept show आम्ही करतो. त्यामध्ये स्वप्नजा

लेले (माझी पत्नी) हिने गायलेली गाणी आणि त्यावर आधारित Live paintings चालतात. मला सांगायचा आनंद वाटतो की, 3 Oct. आणि 9 Oct. ला स्वप्नसूरचे shows झाले आणि त्यामधून





आम्ही १ कोटी २९ लाख इतकी रक्कम 'नाम फाउंडेशन'ला दिली.

(‘नाम फाउंडेशन’ शेतकऱ्यांना मदत व्हावी यासाठी नाना पाटेकर आणि मकरंद अनासपुरे यांनी काढलेली संस्था)

शिवाय, महाराष्ट्राची सणयात्रा नावाचा एक show आम्ही करतो. ज्यामध्ये पाडवा ते पाडवा या सगळ्या सणांची गाणी असतात. नव्या पिढीला भारतीय सणांची माहिती व्हावी हा त्याचा हेतू.

त्यानंतर ‘आशा the versatile’ नावाचा एक show आम्ही करतो. ज्यात अगदी भक्तीगीतापासून नाट्यगीत, गझलपर्यंत गायकी असते.

आमच्या संस्थेनी आता नवीन घेतलेला Project म्हणजे The Kapoor's Diary

● तबलावादनात कोणत्या प्रकारचं Music जास्त आवडतं? काही खास opportunities?

एकूणच माझा कल Light Music कडे जास्त होता. आणि तबलावादनासाठी rhythm शिवाय अजून कशाची गरजच नाही.

एक अनुभव म्हणून सांगतो, चौफुला नावाचा, Raju दावळकरचा एक लावण्यांचा कार्यक्रम होता, तर त्यात एक नवीनच शैली वाजवायला मिळाली. त्याचा उपयोग practical knowledge साठी खूपच झाला. शिवाय केदार मोरे, नितीन शिंदे, दावळकर सर यांसारख्या दिग्गजांबसोबत तबलावादनाची संधी मिळाली.

२००२, २००३, २००४ सलग ३ वर्षे मला लंडनला only as a musician म्हणून जाण्याची संधी मिळाली.

● आपल्या संस्थेमध्ये Event organising व्यतिरिक्त अजून काय काय programmes चालतात?

खरंतर, २००२ मध्येच आम्ही कलागौरव नावाचा एक पुरस्कार द्यायला सुरुवात केली. जे लोक कलाक्षेत्रात struggling करताहेत. त्यांना पुरस्काराच्या स्वरूपात प्रोत्साहन देणे हाच याचा हेतू होता. आणि गेली १३ वर्षे आम्ही हा पुरस्कार देतो आहोत आणि १२० जणांपेक्षा जास्त हा पुरस्कार पोहोचला आहे. त्यात अशोक सराफ,

अजय अतुल, वैशाली सामंत, बेला शेंडे, विक्रम गोखले, महेश कोठारे, सचिन खेडेकर, साधना सरगम, सचिन पिळगावकर यांसारख्या celebrities कडूनच हे पुरस्कार दिले गेले. हा खरंच Amazing उपक्रम आम्ही राबवतो आहोत.

● आज आपण इतके successful झाला आहात, काय वाटतं?

खरंतर, माझ्यात असलेली कलेची आवड यामुळेच मी हे सगळं करू शकलो. नाहीतर मी BSc. Physics झालो आहे, तर एक Routine life मी जगलो असतो, पण कलेचा व्यासंग, योग्य वेळेत मिळत गेलेला platform याचा खरंच खूप उपयोग झाला. आणि याचं श्रेय मी नक्कीच माझ्या Modern College ला देईन. कारण मला तिथून खरंच चांगलं exposure मिळाला. सर्व शिक्षकांनी प्रोत्साहन दिले.

● आम्हा विद्यार्थ्यांना काय सांगाल?

कोणतीही कला आणि Academics यात कधीच तुलना करू नये. फक्त आपण निवडलेल्या मार्गात झोकून धावू इतकंच!

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कॉलेज म्हणजे असते काय ?

जेव्हा होते सुरु कॉलेज,

काहीना होतो आनंद, तर काहीना दुःख

आनंद होतो कारण नवीन शिकायला मिळतं,

दुःख होते कारण लेक्चरला बसायला लागतं.

जाऊन बसायचं बागच्या बाकावर

काहीही लक्ष न देता लेक्चरवर

लक्ष असते ते फक्त खेलवर,

कधी सकदा जातोय भेळीच्या स्टॉलवर

वेट करत असतो मोठा दोस्ताना,

का, तर भेळीची पार्टी कशी होईल हा नसताना.

परत खेल होते कॉलेज भरण्याची,

यांना घाई लायझरीत जाण्याची,

लायझरीत जायचं,

कुणाला तरी गुपचुप चोरून पाहायचं.

थोडं वाचायचं, थोडं ध्यानात ठेवायचं

अशी ही कॉलेजला यायची कहाणी,

कॉलेज संपल्यावर आठवतात कॉलेजबधली गाणी.

- नितीन मेमाणे (M.A. II)

यात्रा तीन तीर्थस्थळांची

प्रशांत एकनाथ रिठे (M.Sc.II रसायनशास्त्र)

बाबा आमटे यांच्या 'आनंदवन-हेमलकसा-सोमनाथ' प्रकल्प भेटीचे अनुभवकथन करणारे तीन लेख...

आमच्या नवीन वर्षाची सुरुवात यंदा खूपच चांगली झाली. यावर्षाच्या सुरुवातीलाच आम्हाला आनंदवन आणि आनंदवन संचलित इतर प्रकल्प पाहण्याचा योग आला. आपल्या महाविद्यालयाचे प्राणिशास्त्र विभागाचे विभागप्रमुख श्री. नरेंद्र नायडू यांच्यामुळे आम्हाला ही संधी मिळाली. बाबा आमटे व त्यांचे कार्य याबद्दल मला थोडीफार माहिती होती. इयत्ता ९वीत असताना आम्हाला त्यांच्या आत्मचरित्राबद्दल लेख होता व मध्यंतरीच्या काळात सिनेमा आल्यापासून त्यांच्या मुलांच्या कार्याबद्दल थोडीफार माहिती झाली. नायडू सर हे आनंदवनच्या चळवळीचे एक सक्रिय स्वयंसेवक आहेत. त्यांच्यामुळे आम्हाला याबद्दल थोडीफार माहिती मिळत असे, पण तिथे जाण्याचा योग असा अचानक येईल हे मनी नव्हते.

३१ डिसेंबर २०१५ रोजी रात्री आम्ही आनंदवनसाठी प्रस्थान केलं. आमच्या नव्या वर्षाची पहाट आनंदवनमध्ये झाली. येथे आल्यावर कळालं की आनंदवन हे एक प्रयोगवन तर आहेच, पण त्याला आता एका गावाचा दर्जाही मिळाला आहे. 'आनंदवन ग्रामपंचायत' ही स्वतंत्र ग्रामपंचायत आनंदवनसाठी प्रस्थापित करण्यात आली आहे. आनंदवनचा परिसर जवळजवळ ४५० एकरमध्ये पसरला आहे. १९४९ मध्ये बाबा आमटे या ठिकाणी आले. त्यावेळेस त्यांच्यासोबत काही पेशंट आणि सहकारी होते. आज आनंदवनमध्ये अनेक कुष्ठरोगी आहेत. येथे केवळ त्यांच्यावर उपचार केले जात नाहीत, तर बरे झाल्यावर त्यांना विविध प्रकारचे रोजगार दिले जातात. सुरुवातीच्या काळात आनंदवन हे कुष्ठरोग्यांसाठी सुरू करण्यात आलं होतं, पण आता तेथे मूकबधिर, अपंग व्यक्तीसुद्धा आहेत आणि प्रत्येकाला त्यांच्या कुवतीनुसार काम दिली आहेत. उदा. कापड विणणे, लोकरीचे कापड, सुतगिरणी, ग्रीटींग कार्ड्स आणि धातूच्या वस्तू बनविण्याचा व्यवसायसुद्धा हे लोक करतात त्याचप्रमाणे शेती हा येथील प्रमुख व्यवसाय आहे. येथे भेट देण्यास येणाऱ्या व्यक्तींसाठी जेवणाची आणि राहण्याची उत्तम व्यवस्था आहे; परंतु येथे जे लोक येतात ते पर्यटनासाठी येत नसून येथील सामाजिक कार्य जाणून घेण्यासाठी आणि आपल्यापरीने त्यांना जी मदत करणे शक्य होईल त्यासाठी येथे येतात. येथे शिक्षण घेणाऱ्या मुलांना नोकरीसाठी बाहेर देखील पाठविले जाते. आम्ही येथे भेट देण्यासाठी आलो तेव्हा मूकबधिर मुलांच्या स्नेहसंमेलनाचा कार्यक्रम चालू होता आणि अतिशय अप्रतिम स्वरूपात त्यांची

खुणांची भाषा बोलत होती. तेथे उपस्थित असणारे त्यांचे शिक्षक ते आम्हाला भाषांतरित करून सांगत होते. आज अनेक विद्यार्थी आनंदवनात शिक्षण घेऊन बाहेर चांगल्या ठिकाणी काम करतात.

दुसऱ्या दिवशी सकाळी आम्ही येथील कुष्ठरोगी लोकांना भेट दिली. त्यावेळेस आमच्यासोबत तेथील स्वयंसेवक श्री. सीताकांत प्रभू आणि श्री. परांजपे काका हे माहिती देण्यासाठी सोबत होते. त्यानंतर बाबा आमटे आणि साधना आमटे यांच्या समाधीला भेट दिली. २००८ साली बाबा आमटे निवृत्तले आणि २०११ साली साधना आमटे निवृत्तल्या. त्यानंतर आम्ही येथील स्वयंपाकघराला भेट दिली. संपूर्ण ३००० लोकांचा स्वयंपाक रोज एकाच ठिकाणी बनतो. त्यानंतर आम्ही येथील गोबर गॅस प्रकल्पाला भेट दिली. ज्याची क्षमता पाच टन होती. स्वयंपाकघरातील सर्व राहिलेलं अन्न आणि तिथे निर्माण होणारा इतर जैविक कचरा येथे वापरला जातो. विशेष म्हणजे या प्रकल्पातून तयार होणारा मिथेनू वायू येथील इंधनाची गरज भागवून मोठ्या प्रमाणात शिल्लक राहातो. अशा प्रकारचे प्रकल्प जर ठिकठिकाणी उभारले गेले तर त्यातून मोठ्या प्रमाणात इंधनाची गरज भागवली जाऊ शकते. त्यानंतर आम्ही आनंदवनातील वैद्यकीय विभागाशी संबंधित स्वयंसेवक आणि तेथील डॉक्टरांना भेटलो. त्यांनी आमच्याशी कुष्ठरोगाबद्दलच्या समजुती आणि गैरसमजुती यांबद्दल मार्गदर्शन केले आणि त्यांच्या उपचार करण्याच्या पद्धती याबद्दल माहिती दिली. तेथे असे वैद्यकीय अधिकारी सुद्धा आहे जे पुणे, मुंबई सारख्या शहरांत मोठ्या प्रमाणात पैसा कमावू शकतात; परंतु त्यांनी समाजसेवेची कास धरली असून, संपूर्ण आयुष्य त्यांनी येथील समाजसेवेसाठी वाहून घेतले आहे. त्यानंतर आम्ही तेथील विविध प्रकारच्या स्वयंरोजगाराच्या ठिकाणांना भेटी दिल्या. सगळ्या ठिकाणी मोठ्या उत्साहात काम चालू होते. तेथे तयार करण्यास येणाऱ्या वस्तूसाठी त्या ठिकाणी दुकाने सुद्धा उभारण्यात आली आहेत आणि अत्यंत चांगल्या प्रतीच्या वस्तू योग्य किमतीत विकल्या जातात आणि त्यातून उभा राहाणारा सर्व निधी हा आनंदवनच्या विकासासाठी वापरला जातो. या सर्व गोष्टींमधून समाजसेवेची प्रेरणा तर मिळतेच; परंतु स्वयंरोजगाराचे आणि निसर्ग संवर्धन, कचरा व्यवस्थापन या इतर महत्वाच्या गोष्टींबद्दल देखील मोठ्या प्रमाणात मार्गदर्शन मिळते. येथील सर्व व्यवस्थापन अत्यंत शिस्तबद्ध आणि नियोजनपूर्ण आहे.

आनंदवनाचा सर्व व्याप बाबांचे मोठे चिरंजीव डॉ. श्री. विकास आमटे, त्यांच्या पत्नी भारतीताई आणि त्यांचे चिरंजीव कौस्तुभ आमटे सांभाळतात. आम्ही गेलो त्यावेळेस विकास आमटे पुण्याला कार्यक्रमासाठी आले होते त्यामुळे त्यांच्याशी भेट होऊ शकली नाही परंतु त्यांच्या पत्नी सौ. भारतीताई यांच्याशी आम्हाला संवाद साधण्याची संधी मिळाली. त्यांनी आम्हाला आनंदवनच्या कार्याबद्दल, तेथील व्यवस्थापनाबद्दल अतिशय सुंदर माहिती पुरवली. आमच्या प्रत्येक प्रश्नाचे त्या आनंदाने उत्तर देत होत्या.

दुसऱ्या दिवशी दुपारी आम्ही हेमलकसाला जाण्यासाठी निघालो. हेमलकसा हे ठिकाण गडचिरोली जिल्ह्यातील अतिदुर्गम अशा भामरागड तालुक्यात आहे. जे अंतर आनंदवनपासून २५० कि.मी. आहे. आम्ही हेमलकसाला संध्याकाळी पोहोचलो. येथील प्रकल्प हा आनंदवनच्या मुलनेत कमी जागेत वसविण्यात आला आहे. आणि प्रकल्पाचा नाव 'लोकबिरादारी प्रकल्प हेमलकसा' असे आहे प्रकल्पाच्या चारही बाजूला घनदाट अभयारण्य आहे.

दुसऱ्या दिवशी सकाळी आम्हाला एका छोट्या हॉलमध्ये वसविण्यात आलं. आमच्यासोबत येथे बाहेरून आलेली २५-३० माणसं होती. आणि तेथील एक स्वयंसेवक त्या ठिकाणी आम्हाला माहिती देण्यासाठी आला. त्याने आम्हाला काही सूचना दिल्या, ज्या तेथील प्राण्यांशी कसे वागावे यासंबंधी होत्या. त्यानंतर आम्हाला हेमलकसा येथील कार्याशी संबंधित चित्रफीत दाखवण्यात आली. येथील सर्व कार्य हे आदिवासी लोकांसाठी चालते. त्यानंतर तेथे स्वतः डॉ. श्री. प्रकाश आमटे आणि डॉ. मंदा आमटे यांचं आगमन झालं, त्यांना पाहून मी खूपच भारावून गेलो. कारण मला कधीच वाटलं नव्हतं की, या अवलिया माणसाला एवढ्या जवळून पाहण्याची संधी मिळेल म्हणून. ती दोघं आमच्यासमोर बसले आणि सुरुवातीला त्यांनी स्वतः वैयक्तिकरीत्या सर्वांची चौकशी केली. सर्वांनी त्यांना नाव आणि कुठून आलात हे विचारलं आणि काय करतात हे विचारलं, त्यावरून मला पण कळलं की येथे आलेले लोक हे खूप दुरून देशाच्या कानकोपऱ्यातून आले होते. आणि विविध क्षेत्रांतील ती माणसं होती. त्यानंतर आम्ही त्यांना प्रश्न विचारले, त्यांनी त्यावर उत्तर देताना, तेथील पूर्वीची परिस्थिती आणि आताची परिस्थिती यावर बरीच माहिती दिली. सर्वात जास्त प्रश्न तेथे असणाऱ्या प्राण्यांबद्दल विचारण्यात आले आणि त्यांच्या उत्तरावरून आम्हाला कळलं की, येथे असणारे प्राणी हे शौक किंवा इतर कुठल्याही कारणांसाठी पाळण्यात आले नसून, ते एक प्राण्यांचं अनाथालय आहे. ज्या प्राण्यांचे आईवडील शिकार्यांकडून मारण्यात आहे अशा प्राण्यांना तेथे सांभाळण्यात येते. त्यांच्याशी संवाद साधून अतिशय ताजेतवानं वाटलं. चित्रपटात त्यांचा जो पोशाख दाखविण्यात आला होता त्याच पोशाखात ते होते. त्यानंतर त्यांनी आम्हाला त्यांच्या सर्व प्राण्यांना पाहण्याची संधी दिली. त्यातील सर्व प्राणी त्यांच्याशी अतिशय प्रेमाने वागत होते. त्यात बिबट्या,

वाघ, मगर, साप, तरस हे हिंस्र प्राणी सुद्धा होते. खरंच... या माणसांत काहीतरी दैवी शक्ती नक्कीच असणार. नंतरच्या काळात पुस्तके वाचल्यावर मला कळालं की हे सर्व प्राणी या ठिकाणी कसे येत गेले आणि डॉ. प्रकाश आमटे आणि त्यांच्या सहकार्यांनी त्यांचं संगोपन किती हलाखीच्या परिस्थितीत केलं. डॉ. प्रकाश आमटेच्या 'रानमित्र' आणि त्यांचे सहकारी विलास मनोहर यांच्या 'नेगल' या पुस्तकातून त्यांच्या प्राणी अनाथालयाचा प्रवास अतिशय सुंदर शब्दांत वर्णन केला आहे. मांसभक्षी प्राण्यासाठी ते स्वतः मेलेलं जनावर कापून, तुकडे करून आणि वेळ पडल्यास आदिवासींकडून विकत आणायचे अशाप्रकारे त्यांनी अनेक मुक्या प्राण्यांचे प्राण वाचवले आहेत.

त्यांची भेट घेतल्यानंतर आणि प्राणी अनाथालयाची भेट झाल्यावर आम्ही तेथील स्वयंसेवक श्री. जगन्नाथ काका यांची भेट घेतली. त्यानंतर त्यांनी आम्हाला तेथील दवाखान्यात नेलं, ज्यामध्ये आजूबाजूच्या आणि दूरवर जंगलात असणाऱ्या आदिवासी गावातून लोक उपचाराला येतात आणि येथे त्यांच्यावर सर्व रोगांवर मोफत उपचार केले जातात. दवाखाना उत्तम प्रकारच्या सोयीसुविधांनी सज्ज आहे आणि उत्तम प्रकारची स्वच्छता राखली जाते. डॉ. प्रकाश आमटेचे चिरंजीव डॉ. दिगंत हे येथील सर्व व्यवस्था पाहतात. हे सुद्धा डॉ. प्रकाश आमटेसारखाच पोशाख घालतात. त्यानंतर आम्ही येथील आदिवासी कला केंद्राला भेट दिली. जिथे आदिवासी बांधवांनी बनविलेल्या निरनिराळ्या वस्तू विकण्यासाठी होत्या. ज्या वस्तू निसर्गात उपलब्ध असणाऱ्या पदार्थांपासून बनविण्यात आल्या होत्या. उदा. लाकूड, बांबू, मेण, रबर इ. अतिशय उत्तम प्रकारची कलाकुसर पाहण्यास मिळाली.

त्यानंतर आम्ही तेथील शाळेला भेट दिली. आदल्या दिवशी रात्री जेव्हा आम्ही शाळेला भेट दिली तेव्हा आम्ही त्यांचं सामुदायिक प्रार्थना वाचन पाहिलं, त्यानंतर देशभक्तिपर आधारित गीतांचं गायन झालं. ते सुद्धा ऐकलं अतिशय शिस्तबद्धरीत्या त्यांचे हे सर्व उपक्रम चालू होते. दुसऱ्या दिवशी आम्ही येथील शाळेसोबतच तेथील वसतिगृहांना देखील भेटी दिल्या. अतिशय दुर्गम भागातून ही मुलं शिकायला येतात. त्यांची राहाण्याची सोय तिथेच केलेली असते आणि शिक्षणासोबतच त्यांना इतर क्षेत्रांत पुढे जाण्यासाठी प्रोत्साहन दिले जाते. येथील अनेक मुलांनी खेळात प्राविण्य मिळविले आहे आणि अनेक मुलांना शिक्षणासाठी शिष्यवृत्ती मिळून देण्यात आली आहे. आज येथील अनेक विद्यार्थी मोठ्या क्षेत्रात कार्यरत आहेत.

डॉ. प्रकाश आमटेंनी त्यांच्या सामाजिक कार्यामुळे या दुर्गम भागात अतिशय बदल घडून आणला आहे. सुरुवातीच्या काळात त्यांनी जंगलात फिरून, गावोगावी जाऊन विद्यार्थी शोधावे लागते. आज शिक्षणाच्या माहात्म्यामुळे गावोगावचे आदिवासी पाल्य त्यांच्या मुलामुलींना शिक्षणासाठी डॉ. प्रकाश आमटेंना शोधत येतात आणि आनंदाने आपल्या पाल्याला शिक्षणासाठी येथे सोडून जातात.



लोकबिरादारी प्रकल्पामुळे आदिवासींच्या जीवनात जो आमूलाग्र बदल झाला आहे त्याचं सर्व श्रेय डॉ. प्रकाश आमटे आणि त्यांच्या सहकार्यांना जातं. लोकबिरादारी प्रकल्प हा छत्तीसगड, महाराष्ट्र आणि आंध्रप्रदेश या तीन राज्यांच्या सीमांवर येत असल्यामुळे तिन्ही राज्यांतील आदिवासी भागातून येथे उपचारासाठी रुग्ण व शिक्षणासाठी विद्यार्थी येत असतात. येथून जाताना आम्ही येथील त्रिवेणी संगमाला भेट दिली. जिथे प्रकाश आमटे आपल्या प्राणिमित्रांसेवक रोज फिरायला जातात. खरंच त्यांच्या समाजकार्यापासून खूप प्रेरणा मिळते.

तिसऱ्या दिवशी आम्ही सोमनाथ प्रकल्पासाठी निघालो. जो चंद्रपूर जिल्ह्यातील ताडोबा व्याघ्रप्रकल्पाला लागून आहे. सोमनाथ हा आनंदवन संचलित प्रकल्प आहे. तेथे आम्हाला रात्री एका हॉलमध्ये बसविण्यात आलं. तेथील स्वयंसेवक श्री. हरिभाऊ बढे व त्यांच्या पत्नी शोभाताई बढे यांनी आम्हाला बाबा आमटेंच्या देशकार्याबद्दल माहिती दिली. बाबा आमटे हे समाजकार्यात जेवढे सक्रिय होते तेवढेच देशकार्यातही सक्रिय होते. त्यानंतर बाबांच्या इतर कार्याबद्दल आणि त्यांच्या साहित्याबद्दल चर्चा झाली. सौ. शोभाताई बढे यांनी अतिशय सुंदर आवाजात बाबांच्या कवितांचं

वाचन आणि गायन केलं. श्री. हरिभाऊ बढे यांनी सुद्धा बाबांच्या कविता गायल्या. त्यांच्या कविता खूपच प्रेरणादायी आहेत.

दुसऱ्या दिवशी सकाळी हरिभाऊ पाटील या गृहस्थांनी आम्हाला सोमनाथ प्रकल्प पाहण्यासाठी नेलं. तिथे आम्हाला त्यांनी १०००-१२०० एकर मधील शेती दाखवली. जेथील लोकांनी मोठ्या कष्टाने फुलवली होती. तेथे काम करणारे सर्व लोक हे आनंदवनातून बरे झालेले कुष्ठरोगी होते. संपूर्ण विदर्भात आम्हाला कुठेच एवढी शेती दिसली नाही (हिरवी); परंतु या ठिकाणी आम्हाला शेती पाहून धक्का बसला. कारण या ठिकाणी पाण्याची भीषण टंचाई असतांना एवढ्या मोठ्या प्रमाणात शेती कशी केली जाते. याचं उत्तर आम्हाला पुढं गेल्यावर कळालं. तिथे ठिकठिकाणी बंधारे आणि पाझर तलाव बांधण्यात आले होते. कुठल्याही प्रकारची बाह्य मनुष्यबळाची मदत न घेता !

पुढे श्री हरिभाऊ पाटील यांनी आम्हाला सांगितलं की या सर्व पाझर तलाव आणि बंधाऱ्याचं काम डॉ. विकास आमटे यांच्या अभियांत्रिकी देखरेखीखाली झाले आहे. आणि त्यासाठी त्यांनी मोठ्या प्रमाणात टाकाऊ पदार्थांचा वापर केला आहे. बंधाऱ्याच्या बांधकामात त्यांनी मोठ्या प्रमाणात टाकाऊ टायर आणि प्लास्टिकचा वापर केला आहे आणि तरीसुद्धा याचं बांधकाम अतिशय मजबूत आणि सुरेख आहे. आम्ही सर्व हे काम पाहून चकित झालो होतो. त्यानंतर तेथील इतर कामे पाहून आम्ही तेथील निरोप घेतला.

जाता जाता माझ्या मनात विचार डोकावला की सोमनाथ प्रकल्पासारखी श्रमदानाची कामं जर विदर्भ-मराठवाड्यात झाली, तर मोठ्या प्रमाणात पाण्याचा प्रश्न सुटण्यास मदत होईल आणि त्यासाठी आपल्या सासऱ्या तरुणांनी पुढाकार घ्यायला हवा. अशाप्रकारे आनंदवन भेट ही अविस्मरणीय ठरली.

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भेट आनंदवनाची

धनश्री एकनाथ नलावडे (T.Y.B.A.)

१ जानेवारी २०१६ ही फक्त आमच्यासाठी नवीन वर्षाची सुरुवात नव्हती, तर यापलीकडेही आमच्या कार्याला मिळालेली दिशा होती असेच मी म्हणून. त्यादिवशी सकाळी ११ वाजता वर्धा रेल्वेस्टेशनवरून उतरून आनंदवनचा प्रवास सुरू झाला. काही तासांतच आम्ही आनंदवनात पोहचलो. तिथं जाऊन आम्ही जे काही पहिलं ते सगळंच अलौकिक होतं. खरंतर “आनंदवन” या नावाप्रमाणेच तिथं सगळीकडेच आनंदीआनंद होता. कुष्ठ रोग्यांना माणसात आणण्यासाठी बाबांनी लावलेल्या रोपट्यांचा आता वटवृक्ष झाला आहे.

आरामदायी वकिलीचे आयुष्य सोडून बाबांनी कुष्ठरोगसेवेचे यज्ञकुंड पेटवले आणि त्यांच्या या स्वप्नांमध्ये समरसून सहभागी होणारी पत्नी त्यांना साधनाईंच्या रूपात भेटली आणि तेथूनच त्यांची खऱ्या अर्थाने आनंदयात्रा सुरू झाली, यातूनच आनंदवनाचा जन्म झाला. तेथील प्रत्येक गोष्टीतून आम्हाला दिसत होतं की बाबांनी फक्त कुष्ठरोग्यांना बरच केलं नाही, तर त्यांना स्वाभिमानाने जगायलाही शिकवलं. अर्थात हे सर्व काम सोपं नव्हतं. पण या सर्वांवर मात करत बाबांनी खचलेल्या मनांना जगण्याची उभारी दिली. आज बाबा आपल्यात नाहीत तरीही त्यांचे दोन्ही पुत्र डॉ.

विकास बाबा आमटे आणि डॉ. प्रकाश बाबा आमटे आणि त्यांची संपूर्ण पिढी हे काम पुढे चालवत आहेत. आनंदवनाबाबतच्या सगळ्या गोष्टी आज जवळून पाहण्याची आतुरता लागली होती. गेल्या गेल्याच आमचं स्वागत खूप छान झालं. सामानांची आवरासावर करून लगेचच आनंदवन फिरण्यासाठी परांजपे कार्काच्या साथीने आम्ही निघालो. तेथील प्रत्येक व्यक्तीचा हसरा चेहरा आणि त्यावर झळकणारं समाधान आम्हाला खूप काही सांगत होतं. खरंतर जगण्याचा नवीन धडाच आम्ही शिकत होतो. सर्वप्रथम आनंदवनाची प्राथमिक ओळख व्हावी म्हणून एक व्हिडिओ आम्हाला दाखवण्यात आली आणि नंतर आनंदवन भेटीस निघालो. आजूबाजूचा प्रसन्न परिसर मनाला भावून गेला.

इथं कुणी रिकामं नव्हतंच. प्रत्येकजण काहीना काही काम करत होता आणि तितक्याच आपुलकीने हसतमुख चेहऱ्याने आमचं स्वागतही. प्रत्येक ठिकाणी आम्ही रेंगाळत होतो, पावले पुढे जातच नव्हती. यातच रात्र झाल्यामुळे पुढील आनंदवन दुसऱ्या दिवशी सकाळी पाहण्याचा निर्णय घेतला. रात्री आम्ही सर्व डॉ. भारतीताई आमटे यांना भेटायला गेलो. तिथे आलेल्या प्रत्येक ग्रुपची त्या आपुलकीने चौकशी करत होत्या. त्यांच्या जेवणाची- राहण्याची व्यवस्था पाहत होत्या. बाबांनी कुठल्या परिस्थितीत आनंदवन सुरू केलं यापासून तर आत्ताची आनंदवनात झालेला बदल, तरुणांचा सहभाग यांसारख्या अनेक गोष्टींवर भारतीताईंबरोबर चर्चा करून आनंदवनाविषयीच्या कल्पना अजूनच स्पष्ट झाल्या. बाबांनी विज्ञानाच्या साथीने कुठरोग्यांना जीवनाचे नवे दर्शन घडवले.

दुःखात रडत बसण्यापेक्षा त्यातून मार्ग काढत हसत जगण्याची शिकवण मला आनंदवनातून मिळाली. तेथील प्रत्येक कामेही अत्यंत शिस्तबद्ध होती. तेथील एक गोष्ट गेल्यापासून लक्षात येत होती, मी आत्तापर्यंतचा आनंदवनचा जितका परिसर पाहिला होता. तेथील कुठल्याही ठिकाणी कचरा किंवा थोडीही अस्वच्छता नव्हती. पुढे शेकडो एकरच्या परिसरातही असेच होते. मी मात्र हे सर्व पाहिल्यावर एकीकडे आनंदवन आणि दुसरीकडे माझं शहर यांची स्वच्छतेच्या बाबतीत तुलना करीत बसले आणि माझ्या शहराची भयानक स्थिती मला जाणवली.

आनंदवनातील प्रत्येक दिवस हा पहाटे ४ लाच सुरू होतो. महारोगाने, अंधत्वाने, अपंगत्वाने धीर खचलेल्या शरीराला कामाची सवय लागावी यासाठी इथे सर्व धडपड चालू असते. बाबांनंतर त्यांचे पुत्र डॉ. विकास आमटे यांनी आनंदवनची संपूर्ण जबाबदारी घेतली. आनंदवनात विविध उद्योगांतून, उपक्रमांतून आणि प्रशिक्षणातून पीढितांना आपल्या पायावर उभं करण्याचं काम गेली सहा शतके

तिथे सुरू आहे. सकाळी ८ नंतर आनंदवनाचा पुढचा प्रवास आम्ही सुरू केला. तेथील प्रत्येक प्रकल्पाला भेटी देण्यास आम्ही निघालो. आनंदवनातील रोगमुक्त रुग्णांची मुले व आसपासच्या खेड्यातील



गरीब, अशिक्षित, बेरोजगार तरुणांच्या प्रशिक्षणासाठी “युवाग्राम” नावाचा प्रकल्प तिथे उभारला आहे, तिथे प्रशिक्षण घेतलेल्या अनेक मुलांना आज रोजगाराच्या संधी मिळाल्या आहेत. नवचैतन्य कृत्रिम अवयव व कॅलिपर्स निर्मितीचा मोठ्या प्रकल्पाची स्थापना तेथे केली आहे. अपंग व्यक्ती कृत्रिम अवयवांच्या साहाय्याने आपली दैनंदिन कामे तिथे सोयिस्कररीत्या पार पाडत होती जणू अपंगांमध्ये नवचैतन्य फुलवायचे काम

हा अवयव निर्मिती प्रकल्प करतो आहे, असंच मला वाटलं. यानंतर बांबूकाम, हस्तकला प्रकल्प, टाकाऊपासून टिकाऊ वस्तू बनवण्याचे प्रकल्प यांसारख्या प्रकल्पांना भेट दिली. नारळ्याची, केळीची पाने व भाताचे तूस यांपासून बनवलेली भेटपत्र व इतर वस्तू लक्षवेधी होत्या. अंधशाळा, संधिनिकेतन, विणकाम, सूतकाम, वेगवेगळ्या चादरी बनवण्याचे कारखाने यांसारखे अनेक प्रकल्प पाहताच आम्ही सौरऊर्जेवर चालणाऱ्या स्वयंपाकगृहात पोहोचलो. सौरऊर्जेचा वापर करून बनविलेले आधुनिक स्वयंपाकगृह मी पहिल्यांदाच पाहत होते. त्याचबरोबर जैववायुनिर्मितीचा मोठा प्रकल्पही तिथे आहे.

टाकाऊपासून टिकाऊ वस्तू बनविण्याचे व्रत घेऊन नवीन नवीन प्रयोग डॉ. विकास आमटे तिथे गबवतात. अगदी प्लॅस्टिकपासून गाद्या निर्मिती, घरकामासाठी त्यातून विटांची निर्मिती, त्याचा रस्तेबांधणीसाठी वापर तिथे सुरू आहेत. जे कुष्ठरोगाने ग्रस्त आहेत अशा लोकांसाठी ‘स्नेहसावली’ नावाच्या निवासस्थानात अनेक कुष्ठरोगी बरे होत आहेत. बऱ्या झालेल्या कुष्ठरोग्यांना समाज त्यांचे कुटुंब पुन्हा स्वीकारत नाही म्हणून त्यांच्या पुनर्वसनासाठी ‘सुखसदन’ नावाची वसाहतही तेथे उभारली आहे, हे सर्व पाहून आम्ही भारावून गेलो आणि जगण्याचा अर्थ या सर्वांमध्ये शोधू लागलो.

आनंदवनातील प्रत्येक प्रकल्प आम्हाला नवनवे शिकवू पहात होता. बाबा आणि साधनाताईंच्या समाधी स्थळी जाताच ज्यांनी कुष्ठरोग्यांच्या सेवेचे व्रत आयुष्यभर केले, माणसानेच माणसांत यावे म्हणून झटले त्या देवात्म्यांसमोर नतमस्तक होऊन त्यांच्या कार्याला सलाम केला. कुसुमाग्रजांच्या कवितेतील चार ओळी मला आठवल्या...

“साऱ्याच कळ्यांना आता

हक्क आहे फुलण्याचा

मातीमधील वतनवारसा

आकाशावर कोरण्याचा...

अशा अनेक कळ्यांना फुलवण्याचे काम आनंदवन अविरतपणे करीत आहे. आनंदवनात माणसांना माणसात आणण्याचे काम केलं जातं तर एकीकडे माणूस त्याच्याकडे सगळं काही असूनही रडत असतो फक्त जे आपल्याकडे नाही त्यासाठी... आनंदवन जवळून अनुभवल्यावर जगण्याचा खऱ्या अर्थाने अर्थ मला उमगला. बाबांच्या शब्दांत...

शृंखला पायी असूदे । मी गतीचे गीत गाई ।
दुःख उधळ्यायास आता । आसवांना वेळ नाही
आसवांना वेळ नाही
आनंदवन मनात साठवून आम्ही परतीच्या प्रवासाला निघालो ते
समाजसेवेचे व्रत घेऊनच...

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भेट सोमनाथ प्रकल्पाला

मयूर मोहन जोशी (F.Y.B.A.)

आनंदवन येथील कुष्ठरोग्यांची कुष्ठरोगाशी झुंजताना व त्यांची जगण्याविषयीची तळमळ पाहून व काहीतरी करण्याची व स्वतःला सिद्ध करायचे आहे ही जिद्द पाहून आम्ही भारावून गेलो.

३ जानेवारी २०१६ या दिवशी सोमनाथ प्रकल्पाला भेट दिली. डॉ. विकास आमटे यांच्या कल्पनेतून उभा राहिलेला हा प्रकल्प, तेथील शेती व तसेच त्यांची पाणी अडवण्याची कल्पना हे सारे पाहिल्यावर सारे थक्क होऊन गेले.

तब्बल बाराशे एकर जमिनीमध्ये उभी राहिलेली शेती कुष्ठरोग्यांच्या हाताने हिरवीगार झाली. याच हातांनी आनंदवन हेमलकसा, सोमनाथ येथील सर्व लोकांच्या जेवण्याची तसेच पालनपोषणाची जबाबदारी उचलली.

तसेच पाणी अडवण्याची नवीन पद्धत दाखवण्यात आली ती म्हणजे टायरपासून बांधण्यात आलेला बंधारा. तसेच वेगवेगळ्या

ठिकाणी २७ बंधारे बांधण्यात आले. तेथे पिण्याच्या व शेतीसाठी लागणाऱ्या पाणीच्या साठवणूक होते. तेथे १२ महिने उत्तम शेती केली जाते. वेगवेगळी पिके घेतली जातात.

याचे श्रेय जाते ते तेथे काम करणाऱ्या कुष्ठरोग्यातून बरे झालेले लोक व सर्वात महत्वाची भूमिका बजावणारे डॉ. विकास आमटे व त्यांचे सहकारी.

सोमनाथ हा प्रकल्प पाहत असताना असे लक्षात आले की आपल्या आसपासच्या लहान-लहान साध्या टाकाऊ वस्तूंचा वापर करून घेता येतो. त्याचे उत्तम उदाहरण आम्हाला पाहायला मिळाले.

कुष्ठरोग्यातून बरे झालेले स्वतःची अस्मिता जपण्यासाठी धडपडणारे हे सारे लोक पाहिले की जगण्याकडे बघण्याचा दृष्टिकोण बदलतो.

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शहीद कर्नल संतोष महाडिक और सियाचीन में शहीद जवानों को समर्पित...

सीना तानकर, डॅटकर,
खड़े रहते हो:
हर आतंक हमले से,
हमारी रक्षा करते हो.
तुम किस वज्र से बने हो ? (२) (धृ.)

हर संकट का सामना करते हुए,
हौसलें बुलंद रखते हो:
हर आलोचना में भी,
अपने लक्ष्य पर निगाह रखते हो,
तुम इस तरह कैसे बन पाते हो ? (२) (धृ.)

हमारी आपत्ति में, देवदूत की तरह,
हमारी सहायता करते हो:
शत्रु का आक्रमण होने पर, टूटकर उनपर,
उसे खत्म करते हो,
देश के लिए इस तरह अपनी जान न्यौछावर कैसे
करते हो ? (२) (धृ.)

अलग-अलग जाति, धर्म, प्रांत के रहते हुए,
फिर भी विविधता में एकता समाते हो:
युद्ध में, हमारे कल के लिए,
अपने आज को त्याग देते हो,
तुम किस संस्कार में पलते हो ? (२) (धृ.)

फौलादी चट्टानों पर, रेगिस्तानों में,
या घने जंगलों में:
हमेशा चौकन्ने रहते हो:
हर हालत में, हर वक्त में,
अपने कर्तव्य में नहीं चुकते
यह वक्त की पाबंदी और अनुशासन,
कहाँ से सीखते हो ? (२) (धृ.)

आपको देखकर, हमें शरम आती है,
पर आप हमसे भिट्टी का रिश्ता जोड़ते हो:
हमें जज्ञत में रखने के लिए,
जहन्नमियों को उनकी योग्यता दिखाते हो,
आपके उपकारों को बता मैं कैसे चुकाऊँ ?
लेकिन पसंद रहेगा सदा ऋण मैं ही रहना !

- स्नेहांक सूर्यकांत कदम (XI)

हमारी हिंदी भाषा

अभिराजी बाहुलेयन (XI-AE)

भाषा के द्वारा मनुष्य अपने विचारों का आदान-प्रदान करता है। अपनी बात को कहने के लिए और दूसरे की बात को समझने के लिए भाषा एक सशक्त साधन है।

जब मनुष्य इस पृथ्वी पर आकर होश सम्भालता है तब उसके माता-पिता उसे अपनी भाषा में बोलना सीखाते हैं। इस तरह भाषा सीखाने का यह काम लगातार चलता रहता है। प्रत्येक राष्ट्र की अपनी अलग-अलग भाषाएँ होती हैं लेकिन उनका प्रशासन कार्य जिस भाषा में होता है और जो जनसम्पर्क की भाषा होती है उसे ही राष्ट्रभाषा का दर्जा प्राप्त होता है।

भारत में अनेक राज्य हैं। उन राज्यों की अपनी अलग-अलग भाषाएँ हैं। अर्थात् भारत एक बहुभाषी राष्ट्र है लेकिन उसकी राजभाषा है हिंदी। १४ सितंबर १९४९ को हिंदी को राजभाषा का यह गौरव प्राप्त हुआ। २६ जनवरी १९५० को भारत का अपना संविधान बना। यह माना कि वह धीरे-धीरे हिंदी अंग्रेजी का स्थान ले लेगी और अंग्रेजी पर हिंदी का प्रभुत्व होगा।

आजादी के इतने वर्षों बाद भी हिंदी को जो गौरवपूर्ण स्थान प्राप्त होना चाहिए था वह उसे नहीं मिला। अब प्रश्न यह उत्पन्न होता है कि हिंदी को उसका यह पद कैसे दिलाया जाए? कौनसे ऐसे उपाय किए जाएं जिससे हम अपने लक्ष्य तक पहुँच सकें।

हमारी राजभाषा और संपर्क भाषा भले हिंदी है। हम वार्तालाप करते समय अंग्रेजी का प्रयोग करने में गौरव समझते हैं, भले ही अशुद्ध अंग्रेजी हो। इस मानसिकता का परित्याग करना चाहिए और हिंदी का प्रयोग करने में गर्व अनुभव करना चाहिए। हम सरकारी कार्यालय, बैंक, अथवा जहाँ भी प्रशासनिक कार्य करते हैं, हिंदी में ही कार्य करना चाहिए।

निमंत्रण-पत्र, नामपट्ट हिंदी में होने चाहिए। बिजली, पानी, गृह कर आदि के बिल जनता को हिंदी में दिए जाने चाहिए। इससे हिंदी का प्रचार और प्रसार होगा। प्राथमिक स्तर से स्नातक स्तर तक हिंदी अनिवार्य विषय के रूप में पढाई जानी चाहिए।

जब विश्व के अन्य देश अपनी मातृ भाषाओं में पढ़कर उन्नति कर सकते हैं, तब हमें राष्ट्र की भाषा अपनाने में झिझक क्यों होनी चाहिए? राष्ट्रीय और आंतरराष्ट्रीय स्तर पर पत्रव्यवहार हिंदी में होना चाहिए।

स्कूल के छात्रों को हिंदी पत्र-पत्रिकाएँ पढ़ने की प्रेरणा देनी चाहिए। जब हमारे विद्यार्थी हिंदी-प्रेमी बन जायेंगे तब हिंदी का प्रसार होगा। हिंदी दिवस के अवसर पर हमें संकल्प लेना चाहिए।

गूँज उठे भारत की धरती,
हिंदी के जय-गानों से।
पूजित-पोषित परिवर्धित हो,
बालक, वृद्ध, जवानों से ॥

□□□

खामोशी

झीड़ में खामोशी हम चलें जा रहे हैं।
निशाँ हमारे कदमों के बने जा रहे हैं।

चुप सी क्यों है ये जमी ?
गुमसुम सा क्यों है आसमाँ ?
रेत की तरह फिसल रही
दिवाले वक्त की यहाँ

क्यों लडखड़ाती है जवानें
सच बोलने के लिये
क्यों काब है तरसते
सच को सुनने के लिये

क्यों रात नहीं ढल रही
सभी के दिलों में यहाँ
क्यों आस नहीं जग रही
सभी के दिलों में यहाँ

दिप लिये हात में
बै अकेला चल रहा
दिप के सम्मान यहाँ
बै भी तो जल रहा...

- सायली मुरलीधर अंबुलकर, MCA-I(Sci)

जीवनशैली को बदल दिया है मोबाइल ने

उदय चिमा बेंबारी (तृतीय वर्ष कला)

जिंदगी के सफर में मोबाइल ने अपनी एक अहम जगह बना ली है। हर स्तर पर मोबाइल लोगों को प्रभावित कर रहा है। सुख और दुख में उनका करीबी बना हुआ है। मनुष्य के जीवन में मोबाइल इस कदर शामिल है कि इसके बिना अब दो कदम भी नहीं चला जा सकता है। अपनों को काफी करीब ला दिया है मोबाइल ने। जब चाहा जिससे चाहा, बस नंबर मिलाया और बात कर ली।

हर एक को बच्चों से लेकर बूढ़ों तक को मोबाइल काफी रास आ रहा है। मोबाइल ने जीवन शैली को पूरी तरह से बदल दिया है। इसके माध्यम से परिवार के लोग एक-दूसरे के बहुत करीब आए हैं। कुछ ही पल में अपनों से बात हो जाती है और सारा हालचाल मालूम हो जाता है। दुनिया के सभी लोगों को भावनात्मक स्तर पर एक दूसरे से जोड़े रखने में मोबाइल अहम भूमिका निभा रहा है। दूर-दराज के शहरों में रहनेवाले अपने बच्चों का हालचाल मोबाइल के जरिए सहजता से ले लेते हैं। इतना ही नहीं मोबाइल के माध्यम से वे बच्चों की पढ़ाई में भी घर बैठे ही मदद कर रहे हैं। बहुत-से लोग अपने दूर देश में रहे अपने बच्चों को कुछ बताना होता है तो मोबाइल का ही इस्तेमाल करते हैं।

आधुनिकता के दौर में संयुक्त परिवार का तेजी से विघटन हो रहा है। परिवार के सदस्य अपनी सहूलियत के अनुसार अपने तरीके से अलग-अलग रह रहे हैं। लेकिन मोबाइल विघटित हो रहे परिवार के सदस्यों को एक डोर में बाँधे रखने में काफी सहायक सिद्ध हो रहा है। तेज़गति के साथ अपने मन को, अपनी भावनाओं को अभिव्यक्त करने में भी मोबाइल का कोई दूसरा जोड़ नहीं है। खुशी के मौके पर एक-दूसरे को बधाईयाँ देने के लिए भी दुनिया के सभी लोग इसका भरपूर इस्तेमाल करते हैं। दूर देशों के शहरों में रहनेवाले अपने परिवार के सदस्यों को भी उनके जन्मदिन पर सहजता से बधाई देकर उन्हें अपनेपन का एहसास कर देते हैं। मोबाइल ने परिवार की खुशियों को एक नया पंख दिया है।

नए पुराने व्यवसायियों को भी मोबाइल खूब लाभ पहुँचा रहा है। उनके व्यवसाय को इससे सहूलियत मिल रही है। दूसरे राज्यों से सामान मँगवाना और ग्राहकों तक पहुँचाना आसान हो गया है। मोबाइल ने इनके व्यवसाय को बढ़ा दिया है। आज कल नए-नए ऑप्लिकेशन आए हैं, जिनके द्वारा हम ऑनलाइन शॉपिंग भी कर सकते हैं और कोई चीज़ पसंद न आने पर उसे वापस भी किया

जा सकता है। हर किसी व्यवसायी के लिए मोबाइल वरदान साबित हो रहा है। इनके लिए मोबाइल के जरिए दूसरे राज्यों से माल मँगवाना आसान हो गया है। माल भेजने का ऑर्डर फ़ोन पर ही कर देते हैं और समय पर माल पहुँच भी जाता है। पहले इसके लिए उन्हें बहुत भागदौड़ करनी पड़ती थी पर अब इस व्यवसाय में और भी वृद्धि हो रही है साथ ही मोबाइल पर ऑर्डर लेकर सामान भेजना भी इनके

लिए सहज हो गया है। मोबाइल ने बैंकिंग की सुविधा को भी आसान किया है। इसका जबरदस्त लाभ व्यवसायों को मिल रहा है। इसके अतिरिक्त अन्य नागरिक सुविधाएँ भी मोबाइल के जरिए सहज हुई हैं। व्यवसायों को मोबाइल की वजह से सुविधाएँ मिल रही हैं। वैसे कभी-कभी कुछ व्यवसायियों के लिए मोबाइल रखना परेशानी का कारण बन जाता है। सामान में कुछ कमी आने की स्थिति में ग्राहक मोबाइल से ही शिकायत करने लगते हैं।

पती-पत्नी के बीच भी मोबाइल संपर्कसूत्र का काम कर रहा है। पती-पत्नी के आपसी संबंधों को भी मोबाइल ने एक नया आयाम दिया है। मोबाइल होने की वजह से उन्हें दूरी का एहसास ही नहीं होता। चाहें वे कहीं भी रहे मोबाइल ने उन्हें करीब ला दिया है। ऑफिस में रहते हुए यदि बाहर घूमने के प्लान में यदि किसी तरह की तबदीली होती है तो पति तुरंत इसकी सूचना मोबाइल के जरिए अपने पत्नी को दे देते हैं। मोबाइल के जरिए पती और पत्नी के बीच आपसी नोकझोंक भी खूब हो रही है। मोबाइल पती-पत्नी के बीच गुस्से को व्यक्त करने का एक मजबूत माध्यम बना हुआ है। यदि पती और पत्नी के बीच में लड़ाई-झगड़ा होता है तो मोबाइल ही दोनों के बीच में सुलह का माध्यम भी बन रहा है। रुठे पति या पत्नी को मनाने के लिए एक प्यारभरा एसएमएस काफी है।

राजनीतिक गलियारों में भी मोबाइल महत्वपूर्ण भूमिका निभा रहा है। मोबाइल कार्यकर्ताओं और नेताओं को एक दूसरे से मजबूती से जोड़े हुए हैं। यहाँ तक की दूर-दराज के लोग भी कोई घटना घटने पर मोबाइल के जरिए घर बैठे बड़े नेताओं से सीधे बात कर लेते हैं। राजनीतिज्ञों के बीच आदेश और सूचनाएँ देने के लिए इसका कुशल इस्तेमाल हो रहा है। राजनीतिज्ञों की कार्यशैली को भी मोबाइल ने प्रभावित किया है। राजनीतिक संगठन की गतिविधियों को सुचारु रूप से चलाने में मोबाइल सहायक सिद्ध हो रहा है।



अगर किसी राजनीतिक कार्यक्रम में कार्यकर्ताओं और नेताओं को इसके माध्यम से तत्काल बुला लिया जाता है। राजनीतिक मसलों में सूचनाओं के आदान-प्रदान का एक अहम जरिया बनकर उभरा है। देश के किसी भी कोने की कोई घटना घर अथवा कार्यालयों में बैठे नेताओं को मोबाइल के जरिए तुरंत मिल जाती है। कार्यकर्ताओं को निमंत्रित करने में तो यह अहम भूमिका निभा रहा है, इसके जरिए क्षेत्र में बैठे तमाम तरह के अधिकारियों से बड़े स्तर के नेता सहजता से बात कर लेते हैं। मोबाइल के जरिए नेताओं और लोगों के बीच की दूरीयाँ कुछ तौर पर कम होती जा रही है।

देश के युवाओं और बच्चों के बीच में मोबाइल की क्रेज़ ज़्यादा ही बढ़ी है। आजकल के बच्चे और युवा वर्ग इसका इस्तेमाल अपने खास अंदाज़ में कर रहा है। चाहे अपने परिवार के साथ संपर्क बनाए रखना हो या फिर अपनी गर्ल फ्रेंड या बॉयफ्रेंड के साथ डेट जर जाना हो, या फिर नेट पर सर्फिंग करनी हो या फिर अपने पसंदीदा गाने के साथ गुनगुनाना हो, उनके लिए मोबाइल सर्वोत्तम माध्यम है। आजकल मोबाइल पर अनेक नयी-नयी सुविधाएँ उपलब्ध हो रही हैं। जिसके माध्यम से इंसानों के बीच की दूरी कम होती दिखाई दे रही है। जिससे हम मिल ना पाने के बावजूद भी हर रोज एक-दूसरे के साथ बात कर सकते हैं। मोबाइल के जरिए हम बहुत कुछ सीख सकते हैं। जैसे कि अलग-अलग भाषाएँ, अलग क्षेत्र की संस्कृति और मोबाइल में हम तस्वीरें भी खींच सकते हैं। WhatsApp, Hike, Facebook इसके माध्यम से हम बातें कर सकते हैं। खुशहाली बताते हैं। दोस्तों के अलग-अलग ग्रुप इसपर बने दिखाई देते हैं। जिसपर सब जब चाहे ऑनलाईन मिलकर बातें करते हैं। अपनी तस्वीरें, कोई दृश्य इसको खींचकर एक-दूसरे को भेजते हैं नए-नए दोस्त बनाते हैं। उसपर उनकी एक अलग भाषा निर्माण हुई है। जिसे हम भाषा के शॉर्टकट सिमबॉल्स अथवा भाषा के इमोटिकॉन भी कह सकते हैं। जैसे कि किसी को Thank You कहना हो तो TKU लिखकर भेजते हैं।

किसीपर गुस्सा आए तो गुस्से का इमोटिकॉन भेजते हैं। हँसना हो तो भी चित्र तैयार है। इस तरह उनकी एक अलग भाषा बन गयी है। मोबाइल के नए ऑप्लिकेशन की वजह से हम आज Video Calling भी कर सकते हैं, जिससे हम कैमेरा के सामने बैठकर एक-दूसरे को देखकर बातें करते हैं।

आजकल मोबाइल पर सबकुछ मिल जाता है। दोस्तों के साथ बातें करनी हो या घूमने जाना हो बस एक बटन दबाया और सबको निमंत्रित किया जाता है और अब मोबाइल में इंटरनेट की सुविधा आने के

कारण अगर हमें किसी भी वस्तु, प्राणी, अनदेखी चीज़ या स्कूल का प्रोजेक्ट बनाना हो या फिर कोई भी अन्य जानकारी प्राप्त करनी हो तो चुटकी में मिल जाती है। जिससे लोगों को ऑफिस के कामों में, बच्चों को स्कूल प्रोजेक्ट हो, महिलाओं को खाना पकाने के लिए सिखने में या किसी अन्य काम में बहुत मदद मिल रही है। आज मोबाइल के जमाने में किसी के घर का, ऑफिस का, अन्य पता ढूँढना कोई मुश्किल काम नहीं रहा। उसका नाम, जगह, ऑफिस का नाम या अन्य जगहों का नाम डालने से उस जगह तक कैसे जाना है यह सब मोबाइल में मिल जाता है। मोबाइल की वजह से नए रिश्ते बन रहे हैं। दोस्तों की संख्या दिन-ब-दिन बढ़ती हुई दिखाई दे रही है। मोबाइल और इंसान का एक अलग नाता निर्माण हो गया है। उसके सुख-दुख का साथी बना हुआ है मोबाइल, जिसके कारण मनुष्य उसके और भी करीब आ रहा है।

मोबाइल के कुछ नकारात्मक पहलू भी हैं। एक तरह से लोग इसके आदी हो गए हैं। इसके बिना इनका काम ही नहीं चल सकता। मोबाइल के कुछ फायदे हैं तो कुछ नुकसान भी हैं। आज लोग कहीं अहम कार्यों के लिए पूरी तरह से मोबाइल पर निर्भर हो गए हैं। मोबाइल के बिना वे अपनी जीवनशैली की कल्पना भी नहीं कर सकते हैं। मोबाइल उनकी जिंदगी की जरूरत बन गयी है। मोबाइल लोगों के जीवन पर पूरी तरह से छा गया है। यहाँ तक कि उनका चैन और सुकून भी छिनने के कगार पर है। जीवन में मोबाइल की इस समस्या को लेकर सबकी चिंता बढ़ रही है।

यह मोबाइल बच्चों, छात्रों को आलसी बना रहा है। याद रखना तो कम कर देता है क्यों कि लोग तुरंत मोबाइल में लिख दिया जाता लेते हैं। आज बच्चों के हाथ में जिस तरह से मोबाइल दिया जाता है और उसे लेकर भी लोग कुछ नाराज़ हैं। लोगों का मानना है कि मोबाइल बच्चों की पढ़ाई-लिखाई को बुरी तरह से चौपट कर रहा है।

देश में एक पिढ़ी ऐसी भी है जो मोबाइल से कोसों मैल दूर है। मोबाइल का नाम सुनते ही इस पिढ़ी के लोग भड़क उठते हैं। इनके लिए मोबाइल किसी काम की चीज़ नहीं है, इसकी कोई जरूरत नहीं है। एक कहावत है विज्ञान वरदान के साथ अभिशाप भी है। मोबाइल पर भी हर व्यक्ति पूरी तरह से सही साबित हो रही है। मोबाइल का कैसे इस्तेमाल करना है यह सब हमारे ही हाथ में है। अगर उसके दुष्परिणाम को यदि छोड़ दिया जाए तो वाकई में आज मोबाइल सबकी जान बन चुकी है। और कहना पड़ेगा की वाकई में मनुष्य की जीवन-शैली को बदल दिया है मोबाइल ने...

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भ्रष्टाचार : मानवता पर कलंक

श्रुतिका जैन (FYBSc. Micro)

भारत पहले सोने का देश कहलाता था। आदिमानवों से लेकर यंत्र-मानवों तक के सफर का यह देश साक्षी रह चुका है। करीब करीब १५० वर्षों तक अंग्रेजों की गुलामी सहनी पड़ी। इसके पहले भी कई मुगल, अफगानों के शिकंजे को तोड़कर अपने वीर पुत्रों को सलाम करते हुए १५ अगस्त के दिन यह देश आज़ाद हुआ!

आज यह सवाल फिर पूछती हूँ कि क्या भारत सच में आज़ाद है??? राजनैतिक नजरिए से देखे तो उत्तर अवश्य हाँ होगा। परंतु उस राक्षस का क्या? उस दुष्ट का क्या? जिसने हमारे मानवता के मूल्यों को ही हिला डाला है। जी हाँ... सही पहचाना। 'भ्रष्टाचार' यह ऐसा राक्षस है जिसने हमारे व्यवहार को भ्रष्ट कर दिया है। अहिंसा के इस क्षेत्र में हमारी सोच को जिसने हिंसक प्रवृत्ति दी है वह केवल इसी दानव की देन है। यह सच्चाई है। हकीकत है। जानी-पहचानी है पर फिर भी अंजानी है। ... है ना?

मनुष्य के वैचारिक एवं कर्तव्यशील मस्तिष्क पर इसने गहरा आघात किया है। आघात इतना गहरा है कि मनुष्य सोचते हैं कुछ दिए बिना कुछ प्राप्त नहीं होनेवाला। छोटे से बड़े तक हर कार्य को संपन्न करने हेतु रिश्त दी और स्वीकार की जाती है। शिक्षा, क्रीडा, राजनीति इ. में भ्रष्टाचार का बोलबाला है। छोटे छोटे बच्चों को विद्यालयों में दाखिला दिलवाने के लिए भी रिश्त दी और ली जाती है। आज कल भारत में अच्छे डॉक्टरों की जरूरत बढ़ गई है। परंतु आज हमारे देश में वैद्यकीय क्षेत्र इतना दयनीय है की जो विद्यार्थी रात-दिन एक करके अच्छे अंक प्राप्त करते हैं वे तो प्रवेश पाते ही नहीं। प्रवेश तो उन्हें दिया जाता है जिनके पास अच्छी रकम रिश्त के रूप में प्राप्त हो। सिर्फ वैद्यकीय क्षेत्र ही नहीं संपूर्ण शिक्षा प्रणाली में भ्रष्टाचार डेरा जमाए बैठा है। भ्रष्टाचार से तो क्रीडा क्षेत्र तक ना छूटा। दिन-प्रतिदिन एक नया घोटाला सामने आता है। कोई छोटा-मोटा घोटाला नहीं हजारों करोड़ों का घोटाला होता है। नेता धीरे धीरे राजनीति से कूटनीति की ओर बढ़ रहे हैं। सिर्फ नेता ही नहीं बड़े बड़े उद्योगपति भी। आए दिन टिवी, अखबारों में हम इन के बारे में देखते हैं, सुनते हैं। टेलीकॉम घोटाला, कोयला घोटाला, आदर्श घोटाला, दवाईयों का घोटाला, स्पेक्ट्रम घोटाला, महामंडल घोटाला इत्यादी... कितने ही और हैं गैस सबसीडी घोटाला उसमें तो नाम एक का खरीदता कोई दूसरा और उपभोग लेनेवाला कोई तिसरा ही है।

एक समय था जब कोई भारत की तरफ नज़रे उठाने की जुरत

नहीं करता था। भारत की विश्व के सबसे तेजस्वी राष्ट्रों में गणना की जाती थी। परंतु आज जिस स्तर पर भारत का अवमूल्यन हो रहा है क्या वह दयनीय नहीं है? क्या वह अपमानजनक नहीं है?

आज़ादी के समय भारत का रुपया और डॉलर में कुछ ही फर्क था परंतु आज के अंतर को आसमान चूम रहा है। आज भी रुपया गिरावट झेल रहा है। प्रति डॉलर ७० रु.।

युवाओं को प्राप्त हुए अवसर का उपयोग करके अपने देश को भ्रष्टाचार मुक्त बनाने के कार्य में जुट जाना चाहिए। किसी की तरफ उँगली उठाकर समस्या का समाधान नहीं होता हाथ मिलाकर हम फिर देश को स्वर्णदेश बना सकते हैं। अगर प्रत्येक व्यक्ति यह संकल्प करे की वह ना तो रिश्त स्वीकारेगा ना देगा तो शीघ्र ही हम भ्रष्टाचार मुक्त भारत में वास करेंगे। भारत फिर सोने का देश बनेगा।

परिवर्तन आएगा और हम लाएँगे।

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हम चले

ख्वाबों के पिछे, आँखों को भिरे
सपनों की गलियों से, फुलों की बगीचों से
फुल चुराके, सपने सजाके
हम चले...

सपनों के गाँवों में, चांदनी है डोलती
हर माँ के आँचल में, खुशीयाँ छिखरेती
घर आँगल-गलियों में, बम्बला की बगियों में
रंग बरसाके, सख को भिगोके
हम चले...

झरने सी बहती, हर दिल में रहती
सुखययी सी हसरते, हम को है कहती
आसमाँ पे सपनों के, धड़कानें पे अपनों के
अपना सुनहरा, आसमाँ बनाने
हम चले...

- सायली मुरलीधर अंबुलकर, MCA-I(Sci)

माँ... आई.... Mom...

पालेशा बिनिता रिकबचंद (प्रथमवर्ष वाणिज्य)

“मार्तुर्माता पितुर्माता सोदरस्थ प्रिया तथा ।
मातुः पितुश्चः भगिनी मालुतानी तथैव च । जनाना
वेदवहिता मातरः षोडश स्मृता ॥”

दूध पिलानेवाली, गर्भ में धारण करानेवाली,
भोजन देनेवाली, गुरुपत्नी, देवताओं की पत्नी,
चचेरी माँ, चचेरी बहन, बहू-साँस, माँ की माँ,
भाई की पत्नी, मौसी, बुआ, मामी यह सब सोलह
माता है ।

‘अन्न और पानी जैसा दान नहीं, एकादशी
जैसी तिथि नहीं गायत्री जैसा मंत्र नहीं और माता
जैसी देवता नहीं । गुरुआश्रम में शिष्य को सिखाया
जाता है कि मातृ देवो भव ! पितृ देवो भव ।
आचार्य देवो भव ! अतिथि देवो भव । परंतु इन
सभी पूजनीय व्यक्तियों में प्रथम स्थान माता को दिया गया है ।
संन्यास आश्रम में संन्यासी व्यक्ति किसी भी पूजनीय व्यक्ति को
प्रणाम नहीं करता वह सिर्फ अपनी माँ को देवता एवं पूजनीय
मानता है इसलिए उन्हें प्रणाम करता है ।

माँ... आई.... Mom... का अर्थ है, ममता की मूर्ति । माँ की
ममता की तुलना किसी से भी नहीं कर सकते । क्योंकि माँ की
ममता, प्रेम इस दुनिया में सबसे अनोखा है । इसकी कीमत पैसों
से भी बड़ी है । ज्ञान, धन, प्रतिष्ठा सब सुख की प्राप्ति करा सकते
हैं परंतु माया, ममता नहीं दे सकते इतिहास में बताया गया है कि
कई महान व्यक्तियों के महान कार्यों के पीछे उनके माँ के भी अनेक
प्रयास भी हैं । जैसे छत्रपती शिवाजी महाराज, स्वामी विवेकानंद,
गांधीजी आदि !

कहते हैं -

“मेरी दुनिया में इतनी जो शौहरत है, मेरी माँ की बदौलत है,
ऐ मेरे ऊपरवाले और क्या देगा तू मुझे, मेरी माँ ही मेरी सबसे
बड़ी दौलत है ।

‘माँ’ इस एक शब्द में ही बहुत कुछ समाया है । बच्चे के जन्म
से लेकर उसके जीवन तक सभी बातों का ध्यान रखती है । बच्चे
को थोड़ी-सी भी चोट न लगे इसलिए वह सतर्क रहती है । अपना
बच्चा बीमार हो जाने पर वह रातभर उसकी सेवा करती है और
अपने बच्चे की सेहत अच्छी हो जाए यह कामना करती है । बच्चे
की हर इच्छा पूर्ण करने के लिए मेहनत करती है ।

माँ... वह है जो हर कदम पर अपने बच्चों का साथ देती है

। माँ वह है जो खुद भूखी रहती है पर अपने बच्चों को कभी भूखा
नहीं रहने देती । वजह से ही हम दुनिया में आते
हैं दुनिया को देख पाते हैं । माँ ही हम पर अच्छे
संस्कार करती है । बच्चे की उन्नति को देखकर माँ
को अपने आप पर गर्व महसूस होता है । चाहे माँ
प्यार दिखाए या ना दिखाए फिर भी वह अपने
बच्चे को सबसे ज्यादा प्रेम करती है । “जब रोटी
के चार टुकड़े होते हैं, और खाने को पाँच लोग
हो तो वह कहती है, मुझे भूख नहीं है। स्वयं भूखी
रहकर अपने बच्चों को खाना खिलाती है । वह
कोई और नहीं वह सिर्फ माँ होती है ।

“मेरी प्यारी माँ तू कितनी प्यारी है ,
जग है अधियारा, तू उजियारी है,

शहद से मीठी है, तेरी बातें,
आशीष तेरा जैसे हो बरसातें
डाट तेरी है मिर्ची से तीखी,
तुझ बिन जिंदगी है कुछ फिकी,
तेरी आँखों में छलकते प्यार के आँसू,
अब मैं तुझसे मिलने को भी तरसूँ,
माँ होती है भोली-भाली, सबसे सुंदर प्यारी-प्यारी !

जिसके जीवन में माँ न हो, वह दुनिया के सभी खुशियों से
परिचित नहीं होता । माँ ही जो दुनिया की सारी खुशियाँ अपने बच्चों
के जीवन में भरती है ।

कहते हैं -

फूल है गुलाब का कली किस काम की ?

जिसके जीवन में माँ न हो उसकी जिंदगी किस काम की ?
माँ की ममता, प्रेम, माया में ना कभी बदलाव था, ना है ना कभी
आएगा । परंतु आधुनिक युग की पिढ़ी में धीरे-धीरे बदलाव आ गया
है । आज के बच्चों में केवल ३०% बच्चे होंगे जो माँ की ममता
को समझते होंगे परंतु बाकी बच्चे सिर्फ माँ को नाम के लिए जानते
हैं परंतु यह नहीं जानते हैं, कि जिनके जीवन में माँ का साया न
हो वह इस दुनिया का सबसे बड़ा भिखारी है । उदाहरण के लिए
एक घटना ऐसी ही है वर्तमानयुग में एक माँ ने बड़ी मेहनत कर
अपने बच्चे को सभी खुशियाँ दी और पढ़ाया, लिखाया और बड़ा
इन्सान बनाया । परंतु वह बच्चा बदलते समय के साथ अपनी माँ
के द्वारा किए गए सभी प्रयास और मेहनत को भूल गया । और जब



वह बच्चा सांसारिक जीवन में बँध गया तब उस बच्चे को अपनी माँ का उसके जीवन में रहना पसंद न था। वह हर दिन माँ की निंदा करता था। इसलिए एक दिन उसी बच्चे ने अपनी माँ को हमेशा के लिए वृद्धाश्रम में भेज दिया। इससे माँ को धक्का लगा। फिर भी वहाँ माँ को अपने बेटे की चिंता थी। खाना खाया होगा ना, बीमार तो नहीं यह चिंता माँ को चिंतित कर रही थी। फिर भी उसका बेटा उसे एक भी बार मिलने न आया। एक दिन माँ बहुत बीमार हो जाती है। फिर भी बेटा देखने नहीं आता। माँ अपने बेटे की राह देख-देख कर अपना दम तोड़ देती है। दूसरे दिन जब बेटे को पता चलता है तो वह वृद्धाश्रम जाता है तो उसे वहाँ माँ द्वारा लिखित पत्र मिलता है। जिसमें लिखा रहता था की, 'बेटा, मैं तेरे जीवन और बालअवस्था का आधार और सहारा थी और तू सिर्फ मेरी वृद्धावस्था का आधार न बन सका।'

इस घटना से यही कहना है कि माँ की ममता और उपकार का सम्मान करे और हमेशा जिस प्रकार माँ हमारा जीवन खुशियों से भरती है उसी प्रकार हमें भी माँ के जीवन को खुशियों से भरना चाहिए।

मेरी तो यह अभिलाषा है कि माँ जैसी देवता भाग्यशाली के भाग्य में ही होती है। जिस प्रकार जनम-जनम तक माँ की ममता में बदलवा न आएगा उसी प्रकार बच्चों में बदलाव नहीं आना चाहिए। माँ अपने बच्चे के लिए देवता भी है और रक्षक भी है। बच्चे पर कठिनाई आने पर माँ ढाल बनकर सामना करती है। अगर कोई बच्चा कुछ महान कार्य करने जाता है तो वह निश्चित ही माँ के आशीर्ष से सफल होकर आता है।

जीना जिंदगी का...

जिंदगी जीनेकी इस भाग दौड़ में,
हम इतने आगे चल दिये..
की न जाने हमने कितने मुकाम पीछे छोड़ दिये.

कुछ पाकर, जीनेकी चाह लेकर,
हम चलते तो रहे..
लेकिन, खुशियोंके बोड पर मुडना भूल गए.

इस सफर में न जाने हमने कितने दुख है
सहें..
के जिंदगी भर हम 'जिने' को तरस्ते रहे.

और जब गौर किया तो बस, यही सोचते रहे..
के वो बस, साँस ही लेना था,
जिसे हम जीना कहते रहे !!

- पूजा फाटक, M.A.-I (Psychology)

हमें भगवान का शुक्रिया अदा करना चाहिए क्योंकि माँ जैसी ममता की मूर्ति को बनाया। माँ तेरे प्यार, ममता, माया को इस जग में स्थान दिया जा रहा था हमेशा दिया जाएगा।

□□□

समय

समय बड़ा चलवान,

समय बड़ा महान ।

सभी के साथ चलता है,
पर न किसी के लिए रुकता है ।
समय पैसों से बड़ा है,
यह न किसी का हुआ है ।

समय बड़ा चलवान,

समय बड़ा महान ।

समय सभी के साथ होता है,
पर जो उससे पहचान न पाते हैं ।
जिसने समय को अपनाया,
वह जीवन में सफलता को पाया ।

समय बड़ा चलवान,

समय बड़ा महान ।

कभी सुख, कभी दुख,
पर बदलेगा तेरा भी समय ।
यही है सच्चा साथी
यही है सच्ची संपत्ति ।

- अभिराजी बाहुलेयन (XI-AE)

सपनों की उड़ान...

मंजिल उन्हीं को मिलती है,
जिनके सपनों में जान होती है,
पंखों से कुछ नहीं होता,
हौसलों से उड़ान होती है

कुदरत के खज़ाने में नूर की कमी नहीं,
खोजने पर तो कोहिनूर मिल जाता है ।
अंधेरे में भी चल पड़ते हैं, मंजिल तलाशले
तब रास्ता खुद उनके लिए चिराग बन जाता है ।

चल रहे हो जो उन्हें चलके डगर में देखो..
तैरनेवालों को तट से न लहरों से देखो
देखना ही है जो इन्सान में भगवान तुम्हें
आदमी को ही आदमी की नज़र से देखो..

- प्रणाली डोके (ग्यारहवीं कला)

मॉरिशस और हिंदी भाषा

मनशीनी देवी आगन (द्वितीय वर्ष, कला)

किसी ने सच ही कहा है कि ईश्वर ने पहले मॉरिशस बनाया और बाद में स्वर्ग।

हिंदी महासागर के अफ्रीकी महाद्वीप से दक्षिण पूर्व तट से लगभग २,००० किलोमीटर की दूरी पर द्वीपों की एक छोटीसी शृंखला पाई जाती है उसना का नाम है मॉरिशस, मेरा प्यारा देश। रोट्रीगज तथा सेगेल्स जैसे द्वीप भी इसमें शामिल होते हैं। अपनी सामरिक स्थिति के अनुसार जो हिंद महासागर के बीचोबीच हैं, मॉरिशस को हिंदी महासागर का तारा कहा जाता है। (star and key of the Indian Ocean) हैं। (इसकी आबादी लगभग १.२९ लाख के आसपास है। देखने में छोटा अवश्य है पर है बहुत प्यारा। इसकी सुन्दरता की चर्चा संसार-भर में होती है।

मध्यकालीन युग में अन्य देशों के लोग मॉरिशस में आए थे यह सुनकर कि यहाँ की माटी से सोना उगलता है। इस द्वीप को सुनसान एवं निर्जन पाकर उन लोगों ने इसपर कब्जा कर लिया और अपनी-अपनी कॉलोनी बसाने लगे। सर्वप्रथम सन १६३८ में डच लोग आए। रह-रहकर सन १७१० को वे चले गए क्योंकि यहाँ पर कुछ नहीं था। उनके पश्चात् फ्रेंच लोग आए सन १७१५ में वे इस द्वीप को 'इल दे फ्रान्स' का नाम देकर इसको विकसित करने लगे। धीरे-धीरे परिवर्तन दिखने लगा था। मॉरिशस प्राकृतिक संसाधन से भरपूर था। इसी बीच ब्रिटिशों ने हमला किया। फ्रेंच और ब्रिटिशों के बीच बड़ा युद्ध हुआ। अंत में फ्रेंच हारकर चले गए और ब्रिटिशों ने वहाँ अपना राज्य बसाया। तब इस द्वीप को 'मॉरिशस' नाम मिला। ब्रिटिशों के राज चलते रहे और लोगों पर उनके शोषण पड़ते रहे। बहुत लड़ाई करके सर सिवुसागर रामगुलाम ने अंग्रेजों को पराजित किया और सन १९६८ में मॉरिशस को स्वतंत्रता दिलाई। तब पहली बार मॉरिशस में चौरंगा झण्डा लहराया गया था। आज भी हर वर्ष १२ मार्च को स्वतंत्रता एवं गणतंत्र दिवस मनाया जाता है।

मॉरिशस में बहुजातीय, विभिन्न संस्कृतियों, धर्मों एवं भाषाओं के लोग रहते हैं। साथ ही यहाँ सभी धर्मों के त्योहारों को मनाया जाता है और सभी लोग आपस में मिलजुलकर खुशी खुशी उन त्योहारों में शामिल होते हैं। मॉरिशस के कोने-कोने में सभी धर्मों के प्रार्थनास्थल भी पाए जाते हैं। इसके अलावा मॉरिशस अपनी वनस्पति एवं जीव के लिए प्रसिद्ध है। यहाँ विभिन्न स्थानिक पौधें और प्राणी पाए जाते हैं। "डोडो" यहाँ का सबसे प्यारी स्थानिक पशु था परन्तु अंग्रेजों ने उसे खाने का सेवन बनाकर उसकी प्रजाति को नष्ट कर दिया। आज केवल उसकी प्रतिमा पाई जाती है।

मॉरिशस की सुन्दरता एवं हरियाली के कारण यहाँ पर्यटन बहुत बढ़ गया। अन्य देशों से पर्यटक आते हैं मॉरिशस की सुन्दरता को देखने के लिए। मॉरिशस की अर्थव्यवस्था का मूल कारण ही पर्यटक है। पर्यटन उद्योग की सहायता से मॉरिशस की अर्थव्यवस्था चलती है। इतना ही नहीं, मॉरिशस के समुद्रतट संसार के सबसे अच्छे समुद्रतटों में गिने जाते हैं। यहाँ का मौसम भी बहुत अच्छा है जिसको पर्यटक बहुत पसंद करते हैं। आज मैं गर्व से कहती हूँ कि मॉरिशस मेरा देश है। और उस जैसा द्वीप हिंद महासागर में दूसरा नहीं है।

मॉरिशस है देश हमारा,
जान से अपनी हमको प्यारा।
हिंदु-मुस्लिम-बौद्ध-ईसाई,
आपस में है भाई-भाई।
भाई का हो भाई प्यारा,
ऐसा होगा चलन हमारा।
हिंद महासागर की कुँजी,
इन्द्रधनुष मुस्कान की भूमि।
सारे जहाँ से न्यारा-निराला,
ऐसा सुन्दर देश हमारा।
रक्षा सागर इसकी करता,
मुड़िया पहाड़ है पहरा देता।
शामारैल का कण कण कहता
सोना इस माटी में बसता।

भारत के अलावा हिंदी भाषा अन्य देशों में भी बोली जाती है। जैसे - दक्षिण अफ्रीकी, नेपाल, फीजी, आदि। इन सभी नामों में मॉरिशस भी ऐसा एक नाम है जहाँ हिंदी भाषा बड़े परिमाण में बोली जाती है। मॉरिशस में अनेक भाषाएँ बोली जाती हैं। जैसे क्रियोल, फ्रेंच, अंग्रेजी, चिनी, तमिल, तेलुगु, मराठी, उर्दु, इत्यादि परंतु हिंदी भाषा का अपना अलग महत्त्व है। मॉरिशस में हिंदी भाषा का आगमन तब हुआ जब भारत के लोग यहाँ काम करने आए। उस लोगों ने मॉरिशस में हिंदी भाषा का प्रसार व प्रचार किया। आगे चलकर अधिकाधिक लोग इसे बोलने लगे। हिंदू संस्कृति भी इन्हीं लोगों से यहाँ आई है। उन लोगों ने जब अपना-अपना वंश चलाया तो हिंदू संस्कृति ने जन्म लिया। आज भी मॉरिशस में हिंदू लोगों की संख्या सबसे अधिक है। लगभग ४८.५ प्रतिशत लोग हिंदी बोलते हैं। तो इस तरह से मॉरिशस में हिंदी भाषा का मिलन हुआ। स्वयं वहाँ रहकर मैंने इसका अनुभव किया है।

मॉरिशस में हिंदी भाषा न केवल बोली जाती है बल्कि पढ़ाई भी जाती है। ताकि यह भाषा सदैव जीवित रहे। साधारण सन १९७० के आसपास मॉरिशस में सबसे पहले हिंदी और संस्कृत भाषा को पढ़ाने के लिए मुफ्त लेसेन्स दिए जाते हैं। धीरे-धीरे लोग इसे पढ़ने लगे और लोगों की हिंदी भाषा के प्रति यह रुचि जैसे-जैसे बढ़ने लगी वैसे वैसे इसके अध्ययन व अध्यापन का क्षेत्र विस्तृत हुआ। इसी कारण यहाँ की पाठशालाओं में हिंदी भाषा के विषय को पढ़ाना आरंभ हुआ और अब ऐसी स्थिति है कि स्कूलों में पहली कक्षा से छठी कक्षा तक हिंदी विषय अनिवार्य रूप में पाया जा रहा है। इतना ही नहीं बल्कि हिंदी भाषा से संबंधित प्रवेशिका, परिचय, प्रथमा मध्यमा तथा उत्तमा उपाधियों की परीक्षाएँ ली जाती हैं। पाठशालाओं, कॉलेजों तथा महाविद्यालयों में हिंदी भाषा की पढ़ाई होती है। अन्य देशों के बच्चे यहाँ पढ़ने भी आते हैं इसके अलावा महात्मा गांधी तथा रवीन्द्रनाथ टैगोर इन्स्टिट्यूट जैसी सुप्रसिद्ध संस्थाओं में हिन्दी के विषय से संबंधित अन्य प्रतियोगिताएँ होती हैं। साथ ही अनेक छात्रों को इसकी ओर मुड़ने के लिए प्रेरित किया जाता है।

पत्रकारिता के क्षेत्र में भी हिंदी भाषा का प्रयोग बड़ी मात्रा में होता है। अलग-अलग पत्रिकाएँ हिंदी भाषा में निकलती हैं, जैसे - 'अर्थोदाय', 'दरपन', 'सुमन' इत्यादि। लोग इसको बहुत दिलचस्पी से पढ़ते हैं। कुछ लोगों का मानना है कि हिंदी पत्रिकाएँ अन्य पत्रिकाओं से बेहतर हैं क्योंकि इससे सूचना भी मिलती है और हिंदी के नए-नए शब्द सामने आते हैं। इसीलिए यह माना जाता है कि सुबह-सुबह एक गर्म चाय और 'सुमन' से दिन की शुरुआत यदि हो तो दिन अच्छा जाता है। इसके अलावा टीवी पर भी अन्य चैनल्स हैं जिनपर हिंदी फिल्में, धारावाहिक खेल एवं वृत्तचित्र दिखाए जाते हैं। रेडिओ पर भी हिंदी गानों को सुनकर मन खुश हो जाता है। सुबह-सुबह हिंदी की मधुर वाणी सुनकर मन प्रसन्न रहता है।

मॉरिशस में अन्य संस्थाएँ भी हैं जो हर वक्त इस प्रयत्न में लगे रहते हैं कि हिंदी भाषा को और विस्तृत कैसे बनाए। यहाँ कि 'हिंदी स्पीकिंग युनियन', संस्था का कार्य यही है कि सबको हिंदी बोलने के लिए प्रोत्साहित करना। हाल ही में इस संस्था ने एक एम.ओ.यू. (memorandum of understanding) पर हस्ताक्षर किया है। यह इसीलिए ताकि मॉरिशस और भारत के बीच जो सहयोग है वह और आगे बढ़े। इसीलिए यह ज्ञापन हिंदी भाषा को सदैव बढ़ावा देती है और यह प्रयास करती है कि अन्य लोग हिंदी भाषा और साहित्य को समझे।

मॉरिशस में हिंदी साहित्य का भी अपना स्थान है। स्वयं नरेंद्र मोदी जी जब मॉरिशस आए तो यहाँ के साहित्य से अत्यन्त खुश हुए। उन्होंने मॉरिशस को शाबाशी दी क्योंकि यहाँ पर हिंदी भाषा के प्रति जो कार्य किया जाता है वह अत्यन्त प्रभावी है। मोदी जी

ने 'फ़िनिक्स' में 'कई हिंदी सेक्रेतेरिया' की इमारत को बनाने के लिए नींव का पत्थर रखा था। उनके भाषण में उन्होंने कहा था : "हिंदी भाषा को मॉरिशस में जो प्यार और स्वीकार्यता मिली, वह अपने आप में एक उदाहरण है। मॉरिशस एक ऐसा देश है जिसका अपना हिंदी साहित्य है। इसने हिंदी भाषा के प्रति बहुत योगदान दिया है।"

हिंदी साहित्यकारों में अभिमन्यु अनंत, यह एक प्रसिद्ध नाम है। मॉरिशस के हिंदी साहित्य के प्रति उनका अधिक योगदान रहा है। "कैक्टस के दौल", "मातम पूरी" जैसी रचनाओं से उन्होंने हिंदी साहित्य को एक नयी दिशा दी है। औपनिवेशिक, पोस्ट-स्वतंत्रता एवं पद्धत के हिंदू होकर अभिमन्यु अनंत ने जीवन के बहुत अनुभव पाए हैं इसीलिए उनका काव्य अत्यन्त महत्वपूर्ण माना जा सकता है। उनके जैसे अनेक साहित्यकार भी हिंदी भाषा को और योगदान दे रहे हैं, जैसे कालीचरन, जनधिन, तथा रामदेव धुरंधर इत्यादि।

मैं स्वयं हिंदी की छात्रा हूँ। पहली कक्षा से ही हिंदी भाषा के प्रति मेरा अधिक लगाव रही है। इसके साथ ही मेरे माता-पिता ने हमेशा मुझे हिंदी पढ़ने के लिए प्रोत्साहित किया है। पाठशाला में पढ़ने के अलावा मैं अलग से पढ़ाई करती थी। मेरी काबिलियत को देखकर मेरे अध्यापकों ने भी मेरी पढ़ाई की ओर दिलचस्पी दिखाई। परीक्षा में भी मुझे हिंदी में हमेशा अच्छे अंक मिले। इसीलिए बारहवी कक्षा में मैंने हिंदी विषय व हिंदी साहित्य को चुना। इतना ही नहीं उस साल में पूरे मॉरिशस में दूसरे स्थान पर आई। मुझे शाबाशी एवं पुरस्कार देने के लिए भारत सरकार ने मुझे छात्रवृत्ति देकर भारत में पढ़ने का अवसर दिया। यहाँ आकर मुझे हिंदी भाषा में उच्च शिक्षा प्राप्त करने का मौका मिला जो मेरा सपना था। भारत में पढ़ने के लिए मैंने अत्यन्त प्रयास किए। अन्य भारतीय छात्रों के साथ पढ़ाई करना मेरे लिए बहुत चुनौतीपूर्ण था क्योंकि इन बच्चों के खून में ही हिंदी भाषा है। परंतु मैंने भी ठान ली कि मैं इन बच्चों से भी बेहतर पढ़ूंगी। आज हिंदी में मेरे अंक अच्छे हैं और मेरे अध्यापकों को मुझमें क्षमता दिखाई देती है। आगे का मेरा यही लक्ष्य है कि मैं उनकी उम्मीदों को पूरा कर सकूँ और हिंदी भाषा की सेवा कर सकूँ। इसीलिए मेरे मन में हिंदी के लिए हमेशा यही भावना रहती है कि :

हिंदी भाषा, हमारी भाषा,
अन्य भाषाओं से प्यारी, हिंदी भाषा।
बचपन से पढ़ों अ, आ, इ, ई,
जीवन में पाओ कामयाबी।
हर जगह, हर कदम साथ देती,
एक दूसरे से संपर्क बढ़ाती
मेल जोल का बनाती तराना।
हमारी प्यारी हिंदी भाषा।

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India and International Year of Pulses

Arti Goggi (Assistant Professor, Department of Botany)

The 68th UN General Assembly has declared 2016 as the International Year of Pulses (IYP).

The IYP 2016 aims to increase public awareness of the nutritional benefits of pulses as part of sustainable food production so as to achieve food security and nutrition. This is considered as an opportunity to encourage global production of pulses, utilize pulse-based proteins, utilize crop rotations and address the challenges in the trade of pulses.

The word **pulse** originates from the Latin word '*puls*' which means thick gruel or porridge. Botanically pulses are dried seeds belonging to legume family, Fabaceae.

Pulses have been essential part of human diet from centuries. The agricultural production of pulses dates back to 7000 to 8000 B.C. Pulses are grown for their extraordinary nutritional value with zero cholesterol, high content of zinc and iron, rich in proteins, gluten free, rich in minerals and vitamin B, low fat content, low glycemic index and source of dietary fiber. But other benefits of growing pulses cannot be ignored. The nitrogen fixing ability of pulses increases soil fertility. The ability of pulses to feed the soil different compounds has the effect of increasing the number and diversity of soil microbes. Pulses have high genetic diversity which helps in selection of varieties which are disease resistant and adapted to climate change. Crop residues can be used as fodder. Some pulses such as pigeon peas and Bambara beans which can be cultivated on poor and semiarid soils.

India is the largest producer of pulses and at the same time it is largest consumer so it becomes largest importer of pulses in the world. One more fact is at 13-14 kg p.a., India's per capita pulses consumption is far below the WHO-recommended level of 25 kg.

Considering country's chronic nutritional imbalance, Honourable Prime Minister has urged the farmers to increase pulses production in the country and

ensuring that pulses are a part of the diet of the common man for daily protein requirements and overall health.



As 75% Indians are vegetarians, availability of vegetable protein is the only way to remove nutritional imbalance in India. Being a rich source of vegetable proteins, pulses offer a viable option in ensuring nutritional security for the large Indian population.

The 2011 Global Hunger Index Report ranked India 15th amongst leading countries with a hunger situation and the World Bank estimates that India is one of the high-ranking countries in the world for the number of children suffering from malnutrition. The protein content in the overall diet has been less than optimal.

The IYP 2016 campaign in India will be headed by the **India Pulses and Grains Association (IPGA)**, the apex body for the pulses trade and industry in India. IPGA, working with policymakers, researchers and related others, seeks to address issues that impact production, productivity & marketability of pulses in India.

Focus of IPGA with respect to IYP 2016:

- Increasing Productivity of Farmers
- Drive Awareness on Nutritional Value of Pulses
- Boosting the Milling Sector

The IPGA campaign, targeting producers as well as consumers, is focused on four key states of **Madhya Pradesh, Uttar Pradesh, Maharashtra and Rajasthan**, which as a group, account for more than 60% production of pulses.

Considering Indian scenario there is need for the development of high yielding, disease resistant and early maturing varieties by Agricultural research institutes. At the same time proper guidance should be given to farmers regarding scientific method of cultivation of pulses so as to bring more area under cultivation of pulses.



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Choreographed Chaos

Dr. Sairaj M. Patki, Assistant Professor, Department of Psychology

A loud horn made me startle and focus back on the road ahead. The thoughts of some pending work had clouded the mind, but started fading away, giving way to the cauldron of rumbling engines and screaming horns. I looked at the traffic light as it turned green and like an ocean of wild beasts the vehicles embarked upon their journey that was interrupted (more so by the presence of men in uniform than the traffic light). I wondered whether *'formula one racers'* are as eager to step on the pedal and shoot across the tarmac.

Like a rebellious river bubbling with adolescent fervor and bustling beyond the constraints of the banks, the flow of traffic searched for every possible space, engulfing the footpath on its way. As I drifted along with the flow, I watched the composition of the traffic and its colorful characters - rash drivers, not so rash drivers, drivers in love with the horn, riders with helmet worn over apparently hollow skulls, single drivers traveling in SUVs, three gentlemen portraying *daredevilry* by balancing precariously on a single bike, and so on. However, in spite of their myriad features, they all belonged to the flow. My heart skipped a beat watching a rider cut past a rattling public transport bus, barely managing to avoid getting caught in between the red coughing mammoth of junk and a dusty concrete divider. I wondered what divine intervention guided

that misguided soul in maneuvering safely through



this mess.

If laws of physics were to be taken into consideration, there would apparently be an accident every minute at every junction. But if the number of vehicles crowding the road (and those being added newly to this already elaborate circus) is taken into account, the number of accidents is a negligible one. Just-misses, minor bumping into each other, random scratches and rare dents top the charts of the mishaps on the street, and they too are tiny hiccups that are forgotten before the sun rises to light up this performance again the next day.

The river continues flowing, accommodating, compromising, slowing down, speeding up again, but continuing its journey. A journey similar to the journey called 'LIFE'. Because like that traffic, our lives too seem to be a roller coaster ride, with twists and turns, ups and downs, chaotic, yet on track.

Coincidences seem to be more than what can be explained by a mere random distribution of statistical occurrences. Our paths seem to cross with those of others more often than what can be explained by complex calculations based upon population density, and distribution of people across time and space.

I wondered how chaotic this chaos exactly was. Is it left free to perform its antics or is it choreographed by some superior force? Is there a master of puppets pulling strings to make sure the show goes on?

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Modern 'Past' Meets the Present

Interview with Umesh Zirpe

Komal Ranpise and Aparna Rajhans (S.Y.B. Com 'C')

- *From which stream have you studied?*

I have completed my graduation in commerce stream in the year 1985.

- *How did you manage your studies along with sports?*

I have completed my schooling from Maharashtra Mandal. I did my first trek when I was in 8th standard (100 kms in Himalayas). I always managed my studies along with sports very well. I have never neglected my studies on account of sports and never bunked college for sports. I am also an Income Tax consultant and also a passionate mountaineer.

- *Did your family support you for your passion?*

All my friends were doing professional courses like CA, CS, etc. My father also wanted me to become a CA but I told him that I want to live my passion i.e. do mountaineering. He too, without forcing me to do CA supported me to do mountaineering.

- *Who inspired you to become a sports person?*

The true inspiration for me is the mountains, forts and nature. However, in Modern College our teacher in Physical Education Mr. Lagu and also our NCC Officer inspired me, rather pushed me to do mountaineering. Also one of my friends from the science stream who is also a mountaineer made my basics for mountaineering strong and encouraged me to excel in mountaineering.

- *Will you please share your experience about your first trek and also tell us about your first award?*

When I was in 8th standard our school had organized a trek to the Himalayas. Only 11 students were to be selected amongst 50 students and were fortunate to be among the 11 selected. Our school flag was to be hoisted at the top of Himalayas. Due to bad weather conditions and also we all were tired no one was willing to climb further and hoist the flag.

Our sir strongly encouraged me to climb and hoist

the flag and I did it successfully. I felt very overwhelmed, happy and proud on hoisting the flag on Himalayas. When we returned to school the whole atmosphere there was very happy. We all were praised a lot and awarded. That was the first award I received. After that I went on receiving many awards for mountaineering and recently in the year 2013, I was a recipient of Shiv Chhatrapati Award.

- *Can you share your memorable moment regarding*

mountaineering or your experience while climbing Everest?

There are innumerable memorable moments. One is when I reach the top of any mountain I always feel that my near and dear ones should have been there at that point to experience the beautiful view of nature.

My most memorable moment, which I will never ever forget is the Everest trek. On 13th May, 2013, a team of 11 members from 'GIRIPREMI' had gone to climb the tallest mountain – Everest. This was the biggest campaign for Indians. Around 25,000 people had contributed for this campaign.

Our team went to Delhi where our then President Pratibha Tai Patil gave us India's flag to be hoisted on the top of Everest. While climbing Everest some of my teammates faced many difficulties, some suffered breathing problems, one of them was hit by a stone that fell from up which literally broke his helmet and he suffered from head injury. But in spite of these hurdles my teammates were successful in climbing the Everest.

I and one of my teammates had to take the decision of returning back to the base camp because of lack of cylinders. We kept our



cylinders for the rest of our teammates and returned to the base camp. Three of our teammates successfully climbed the Everest. Along with Everest we also were to climb the Lhotse Mountain. Ashish Mane was the one to complete this climbing.

- *Are there any institutions which provide education for mountaineering?*

There are international institutes which give training for mountaineering. There is a basic course for 30 days and one can take advance training also for that. Nehru Institute of mountaineering, Indian Institute of Skiing and Mountaineering, Himalayan mountaineering Institute are some of the main training institutes for mountaineering.

We have also started a project on course in mountaineering, in Mulshi which will be completed in about 2 to 3 years. Here people from any age-group may undergo training.

- *What message would you like to convey to our students?*

Along with studies everyone should play and participate in some sport. It is not necessary that all should do mountaineering but should take up some or the other sport.

Sports will help you develop leadership qualities and help to overcome your fears; it will increase your confidence and will give you the courage to face any situations in life. You will get many experiences through playing sports. Our Vision towards life definitely changes.



Glance

Where to, when asked;
In a momentary hurry I say to
Myself—there, where you are,
And there, where you do not see me.
Though your eyes pierce through
The invisible veil of this admirer's glance
Providing me the voluntary stance
Of peace, serenity and solitude
In a crowd of people unknown;
Each soul hurrying to somewhere,
Amidst the hurry, I stand still here
To watch you disappear into the
Moving canopy of human heads,
Under which my steps then move
And I walk away.

- Rushav Sahu, S.Y.B.A.

PEACE . . . ??

*She felt so blessed,
And with love, she kissed . . .*

*She taught them to walk,
And enjoyed their childish talk . . .*

*She brought them up with care,
And with none she was unfair . . .*

*She educated them well,
But never realized she would
ever feel like hell . . .*

*She gave them every little thing,
Whilst for her, she kept nothing . . .*

*She gave them love and care,
But all they did was just unfair . . .*

*They were grown up now,
And lost their innocence, don't know how . . .*

*They chose their career,
And changed from what they were earlier . . .*

*They were now married,
But never for her, were they worried . . .*

*They had their own world,
And never obeyed her single word . . .*

*They never stayed with her,
Nor did they care for her . . .*

*They forgot the past,
And their mother too, so fast . . .*

*They left her alone,
With their hearts turning to stone . . .
They were very unfair,
But all she gave was love and care . . .*

*She was wounded at heart,
As she was left apart . . .*

*She never expected this,
For she always thought of them as bliss . . .*

*She could not understand,
How children change, sans any magic wand . . .*

*She had seen enough,
With her life having no more stuff . . .*

*She just longed for peace,
And life to move with ease . . .*

*She longed for the day,
Where in a coffin she could herself lay . . .*

*Assured for peace and having HIM to care,
For HE is never unfair . . .*

- Suraj Kumar, M.Sc. -I (Physics)

The Missile Man : A.P.J. Abdul Kalam

Idrish Sadikot (F.Y.B.Sc. 'B')

Homage to our Late President Dr. A. P. J. Abdul Kalam...

His Early Life and Education

On 15th October 1931, a new Sun arose in Rameswaram. A child was born in the middle class Muslim family of Jainulabdeen and Ashimma. He was later named Abul Phaqr Jain-Ul-Abideen Abdul Kalam. Abdul Kalam was the youngest of three brothers and a sister. They lived in an ancestral house, which was built in the middle of the 19th century. Like every boy, he had more affinity towards his mother. He always sat beside his mother during meals and every evening, he used to go to the mosque with his father.

The Second World War broke out in 1939, when he was eight years old. He used to collect tamarind seeds and sell those in a provision shop on Mosque Street. A day's collection would fetch him the princely sum of one anna. Half a century later also, earning one anna made him proud.

He had three close friends in his childhood—Ramanadha Sastry, Aravindan, and Sivaprakasan. All these boys were from orthodox Hindu Brahmin families. As children, none of them ever felt any difference amongst themselves because of their religious difference and upbringing. One day when he was in fifth standard at the Rameswaram Elementary school, a new teacher saw a Muslim boy sitting right on the first bench, beside the Hindu priest's son Ramanadha Sastry, which was wrong according to his belief. So he asked Abdul Kalam to go to last bench. Abdul Kalam felt very sad and so did Ramanadha Sastry. After school, they told their respective parents about the incident. Lakshmana Sastry summoned the teacher and asked him not to spread the poison of social inequality and communal intolerance in the minds of innocent children. He bluntly asked teacher to either apologize or quit the school and the island.

For higher studies, he went to Schwartz high school, Ramnathapuram. His teacher Iyadurai Solomon made his student feel very comfortable in class with his warm and open-minded attitude. He used to say "A good student could learn more from a bad teacher than a poor student from even a skilled teacher".

One day his Mathematics teacher, Ramakrishna Iyer, was teaching another class. Inadvertently, he wandered into that classroom and in the manner of an old fashioned despot, Ramakrishna Iyer caught him by the neck and caned him in front of the whole class. Many months later, when he scored full marks in mathematics, he narrated the incident to the entire school at morning assembly. "Whomsoever I cane becomes a great man! Take my word, this boy is going to bring glory to his school and to his teacher."

In 1950, he arrived at St. Joseph's College, Trichi for B.Sc. in Physics. At that time he was neither aware of higher education nor did he have any information about career opportunities available to a student of Science. Only after obtaining a B.Sc. he realized that Physics was not his subject. Then he decided to opt for Engineering and apply for admission into **Madras Institute of Technology (MIT)**. Admission fees were Rupees Thousand and his father could not spare that much money. At that time his sister Zohara mortgaged her gold bangles and chain for her beloved brother. He graduated with a diploma in Aeronautical Engineering in the mid 1950s from MIT.

Career as an Aeronautical Engineer

Dr. Kalam joined the **Defense Research and Development Organization (DRDO)** in 1958 and served as a Senior Scientific assistant, heading a small team that developed a prototype hovercraft. He left the DRDO in 1962 and joined the Indian Space Programme.

At the **Indian Space Research Organization (ISRO)**, he initiated **Fiber-Reinforced Plastic (FRP)** activities. After a stint with the aerodynamics and design group, he joined the satellite launched vehicle team at Thumba, near Thiruvananthapuram, and soon became **Project Director for Satellite Launch Vehicle (SLV-3)**. The SLV-3 project culminated in putting the scientific satellite Rohini into orbit in July 1980. He was honoured with a **Padma Bhushan** in 1981 for his achievement.

Dr. Kalam then moved back into the Defense Research Complex at Kanchanbagh, as Director of



Defense Research & Development Laboratory (DRDL). He refused to move into the bungalow allotted to the Director, preferring to stay in one of the eight suites in the Defense Laboratory's Mess. The suite, with a small study and a tiny bedroom, was his home for the next decade.

Dr. A.P.J. Abdul Kalam was instrumental in the re-emergence of the DRDL. This was made possible as Kalam and then Scientific Advisor to the Defense Minister, Dr. V.S. Arunachalam who was always acknowledged by Defense Minister R. Venkataraman. He was asked to prepare a blueprint to make India a Missile Nation. After working with DRDL veterans for over six months, followed by consultation with Arunachalam, Kalam gave a proposal to Venkataraman. Dr. Kalam provided a Five Missile development plan that was to be taken up one after the other. The Defense Minister suggested that Kalam and Arunachalam recast the plan in such a way as to develop all five missile types under one programme. The time-frame for these programmes was ten years.

Out of these initiatives was born the guided missile programme, India's most successful military research task to date. Kalam's code names for the five missiles under the **Integrated Guided Missile Development Program (I.G.M.D.P.)** were: **PRITHVI** - a surface-to-surface battlefield missile, **NAG** - an anti-tank missile (ATM), **AKASH** - a swift, medium-range surface-to-air missile (SAM), **TRISHUL** - a quick-reaction SAM with a shorter range, **ASTRA** - an air-to-air missile and **AGNI** - an intermediate range ballistic missile, the mightiest of them all. **TRISHUL** missile has the unique distinction of being capable of serving all three services.

In the new management structure of the Missile Programme, as the Chairman of the Programme Management Board he delegated almost all executive and financial power to five carefully selected Project Directors and kept himself free to address the core technology issues. The missiles went up more or less on schedule: **TRISHUL** missile in 1985, **PRITHVI** in 1988, **AGNI** in 1989 and the others in 1990.

After ten years in DRDL, he went to Delhi to take over from Arunachalam as Scientific Advisor to the Defense Minister from July 1992 to December 1999. In Delhi, as head of the DRDO, he had to oversee other prestigious projects, such as the **Main Battle Tank (MBT)**, **Arjun** and the **Light Combat Aircraft (LCA)** projects.

Humanism

As every coin has two sides, similarly there are two possibilities

in everybody's life- Motivation and Depression. Motivation helps us to reach till success but depression takes us on the wrong way; at that time there must be somebody who helps to guide us. After completing engineering, he had two options before him-becoming a pilot in the Indian Air Force, or a scientist in the Directorate of Technical Development and Production. (Air-DTDP) a defence organization. The Directorate's test was easy, but in the Air Force test at Dehra Dun, he secured the ninth place out of 25 candidates and only eight were selected.

Dejected, he went to Rishikesh, where he met Swami Shivananda. The Swami asked him why he was dejected. After he told the reason, Swami Shivananda told him that it was not his destiny to join the Air Force. He told Kalam, 'Forget this failure; it was essential to lead you to your true path.' On reaching Delhi, Kalam found that he had got DTDP job. It was as if Swami Shivananda's prophecy was coming true.

He was called People's President not only because he was a great scientist but he was Humanitarian. One day, one of his co-workers had taken permission from Dr. Kalam to leave early from work as he had to take his kids to the carnival. But for some reason he could not get free on time. When he reached home later in the night, his wife told him that Dr. Kalam had visited their house earlier that evening and had taken the children to the carnival.

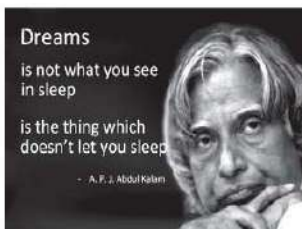
Dr. Kalam believed that Youth only can make India a superpower Nation. He wanted to meet at least 1,00,000 school children, and share his dream of India with them. During the Gujarat riots, Kalam met a schoolgirl in Anand, and asked her what India's biggest enemy was, she immediately answered 'Poverty'.

Most important meeting with the next generation was with a 14-years old girl in Hyderabad, who asked him for an autograph. Kalam asked what her goal in life was. She replied: 'I want to live in a developed India.' This was the Vision that Kalam was promoting.

He wanted to sow the seeds of Dream of a Developed Nation in every Youth. Dr. Kalam was a great inspiration to many, especially kids and always inspired them to dream big and achieve great

goals in life. He loved students and breathed his last doing what he loved the most: spending time with students and being among them. The void of Dr. Kalam can never be filled but his inspiring words will forever be with us and inspire us to do more.

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Gravitational Waves

By *Shanuja Radhakrishnan* (S.Y.B.Sc. A)

Commemorating Einstein's prediction made a century ago...

What are Gravitational Waves?

Gravitational waves are distortions or 'ripples' in the fabric of space-time caused by some of the most violent and energetic processes in the Universe. Albert Einstein predicted the existence of gravitational waves in 1915 in his general theory of relativity. Einstein's mathematics showed that massive accelerating objects (such as neutron stars or black holes orbiting each other) would disrupt space-time in such a way that 'waves' of distorted space would radiate from the source. Furthermore, these ripples would travel at the speed of light through the Universe, carrying with them information about their cataclysmic origins, as well as invaluable clues to the nature of gravity itself.

The strongest gravitational waves are produced by catastrophic events such as colliding black holes, the collapse of stellar cores (supernovae), coalescing neutron stars or white dwarf stars, the slightly wobbly rotation of neutron stars that are not perfect spheres, and the remnants of gravitational radiation created by the birth of the Universe itself.

Einstein's Theory of Relativity:

In 1905, Albert Einstein determined that the laws of physics are the same for all non-accelerating observers, and that the speed of light in a vacuum was independent of the motion of all observers. This was the theory of special relativity. It introduced a new framework for all of physics and proposed new concepts of space and time.

Einstein then spent ten years trying to include acceleration in the theory and published his theory of general relativity in 1915. In it, he determined that massive objects cause a distortion in space-time, which is felt as gravity.

The tug of gravity

Two objects exert a force of attraction on one another known as "gravity." Sir Isaac Newton quantified the gravity between two objects when he formulated his three laws of motion. The force tugging

between two bodies depends on how massive each one is and how far apart the two lie. Even as the center of the Earth is pulling you toward it (keeping you firmly lodged on the ground), your center of mass is pulling back at the Earth. But the more massive body barely feels the tug from you, while with your much smaller mass you find yourself firmly rooted thanks to that same force. Yet Newton's laws assume that gravity is an innate force of an object that can act over a distance.

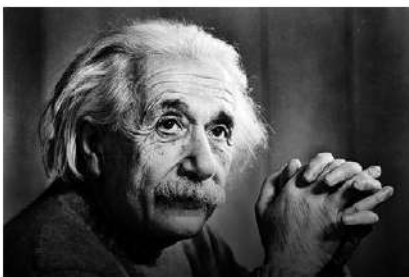
Albert Einstein, in his theory of special relativity, determined that the laws of physics are the same for all non-accelerating observers, and he showed that the speed of light within a vacuum is the same no matter the speed at which an observer travels. As a result, he found that space and time were interwoven into a single continuum known as space-time. Events that occur at the same time for one observer could occur at different times for another.

As he worked out the equations for his general theory of relativity, Einstein realized that massive objects caused a distortion in space-time. Imagine setting a large body in the center of a trampoline. The body would press down into the fabric, causing it to dimple. A marble rolled around the edge would spiral inward toward the body, pulled in much the same way that the gravity of a planet pulls at rocks in space.

Gravitational lensing:

Light around a massive object, such as a black hole, is bent, causing it to act as a lens for the things that lie behind it. Astronomers routinely use this method to study stars and galaxies behind massive objects.

Einstein's Cross, a quasar in the Pegasus constellation, is an excellent example of gravitational lensing. The quasar is about 8 billion light-years from Earth, and sits behind a galaxy that is 400 million light-years away. Four



images of the quasar appear around the galaxy because the intense gravity of the galaxy bends the light coming from the quasar.

Gravitational lensing can allow scientists to see some pretty cool things, but until recently, what they spotted around the lens has remained fairly static. However, since the light traveling around the lens takes a different path, each traveling over a different amount of time, scientists were able to observe a supernova occur four different times as it was magnified by a massive galaxy.

In another interesting observation, NASA's Kepler telescope spotted a dead star, known as a white dwarf, orbiting a red dwarf in a binary system. Although the white dwarf is more massive, it has a far smaller radius than its companion.

"The technique is equivalent to spotting a flea on a light bulb 3,000 miles away, roughly the distance from Los Angeles to New York City," Avi Shporer of the California Institute of Technology said in a statement.

Gravitational red shift:

The electromagnetic radiation of an object is stretched out slightly inside a gravitational field. Think of the sound waves that emanate from a siren on an emergency vehicle: as the vehicle moves toward an observer, sound waves are compressed, but as it moves away, they are stretched out, or red-shifted. Known as the Doppler Effect, the same phenomena occurs with waves of light at all frequencies. In 1959, two physicists, Robert Pound and Glen Rebka, shot gamma-rays of radioactive iron up the side of a tower at Harvard University and found them to be minutely less than their natural frequency due to distortions caused by gravity.

Black Holes:

A **black hole** is a region of space time exhibiting such strong gravitational effects that nothing including particles and electromagnetic radiation such as light—can escape from inside it. The theory of general relativity predicts that a sufficiently compact mass can deform space time to form a black hole. The boundary of the region from which no escape is possible is called the event horizon. Although crossing the event horizon has enormous effect on the fate of the object crossing it, it appears to have no locally detectable features. In many ways a black hole acts like an ideal black body, as it reflects no light. Moreover, quantum field theory in curved space time predicts that event horizons emit Hawking radiation, with the same spectrum as a black body of a temperature inversely proportional to its mass. This temperature is on the

order of billionths of a Kelvin for black holes of stellar mass, making it essentially impossible to observe.

Objects whose gravitational fields are too strong for light to escape were first considered in the 18th century by John Michell and Pierre-Simon Laplace. The first modern solution of general relativity that would characterize a black hole was found by Karl Schwarzschild in 1916, although its interpretation as a region of space from which nothing can escape was first published by David Finkelstein in 1958. Black holes were long considered a mathematical curiosity; it was during the 1960s that theoretical work showed they were a generic prediction of general relativity. The discovery of neutron stars sparked interest in gravitationally collapsed compact objects as a possible astrophysical reality.

Black holes of stellar mass are expected to form when very massive stars collapse at the end of their life cycle. After a black hole has formed, it can continue to grow by absorbing mass from its surroundings. By absorbing other stars and merging with other black holes, super massive black holes of millions of solar masses may form. There is general consensus that supermassive black holes exist in the centers of most galaxies.

Despite its invisible interior, the presence of a black hole can be inferred through its interaction with other matter and with electromagnetic radiation such as visible light. Matter that falls onto a black hole can form an external accretion disk heated by friction, forming some of the brightest objects in the universe. If there are other stars orbiting a black hole, their orbits can be used to determine the black hole's mass and location. Such observations can be used to exclude possible alternatives such as neutron stars. In this way, astronomers have identified numerous stellar black hole candidates in binary systems, and established that the radio source known as Sagittarius A, at the core of our own Milky Way galaxy, contains a super massive black hole of about 4.3 million solar masses.

Recent Findings on gravitational waves:

A team of scientists announced on 11 February 2016 that they had heard and recorded the sound of two black holes colliding a billion light-years away, a fleeting chirp that fulfilled the last prediction of Einstein's general theory of relativity.

That faint rising tone, physicists say, is the first direct evidence of gravitational waves, the ripples in the fabric of space-time that Einstein predicted a century ago. It completes his vision of a universe in which space

and time are interwoven and dynamic, able to stretch, shrink and jiggle. And it is a ringing confirmation of the nature of black holes, the bottomless gravitational pits from which not even light can escape, which were the most foreboding (and unwelcome) part of his theory.

More generally, it means that a century of innovation, testing, questioning and plain hard work after Einstein imagined it on paper, scientists have finally tapped into the deepest register of physical reality, where the weirdest and wildest implications of Einstein's universe become manifest.

Conveyed by these gravitational waves, power 50 times greater than the output of all the stars in the universe combined vibrated a pair of L-shaped antennas in Washington State and Louisiana known as LIGO in September 2014.

The discovery is a great triumph for three physicists — Kip Thorne of the California Institute of Technology, Rainer Weiss of the Massachusetts Institute of Technology and Ronald Drever, formerly of Caltech and now retired in Scotland — who bet their careers on the dream of measuring the most ineffable of Einstein's notions.

Looking Forward

Astronomers now know that pairs of black holes do exist in the universe, and they are rushing to explain how they got so big. According to Vicky Kalogera of Northwestern University, there are two contenders right now: Earlier in the universe, stars lacking elements heavier than helium could have grown to galumphing sizes and then collapsed straight into black holes without the fireworks of a supernova explosion, the method by which other stars say goodbye. Or it could be that in the dense gatherings of stars known as globular clusters, black holes sink to the center and merge.

Michael S. Turner, a cosmologist at the University of Chicago, noted that astronomers had once referred to the search for gravitational waves as an experiment, not an observatory. "LIGO has earned its 'O,'" he said. "That is, it will be an observatory, getting tens of events per year."

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Vacillation!

*Fears take over audacity,
Comfort suddenly becomes luxury!
Mom was a sacred shelter,
But now, I want to be hers!
Roles reverse,
Roads cross.
Looks like I've grown
In a glimpse of a thought!
Freedom to choose
Or independence,
To take skies and fly high!*

*What is it to be an adult?
No library teaches,
No oracle foretells.
Facing alone the hardships,
In search of new pathways,
Grasping over the crumbs,
Those others have misplaced!*

*Gearing to rule the world,
With no knowledge of the herd!
Let paths be rifted or barbed,
There's might to move forward!*

*Oath is to stand out, and
Break the shells I've carried so long.
I know I am not alone,
To conquer what's destined!*

- Sanika Autade M.A.-II (Psychology)

The Sun will rise

*Sometimes I am low,
Sometimes I am slow,
Why am I so blue?
Lonely creature in the hush;
Like a tiny bush.
Smiling in the light,
Secretly crying in the dark!
Why am I so stupid?
May be because I am a pupil!
Not to make same mistakes;
With my emotions misplaced.
What to do with such a life?
Which has all the lies,
When the Sun will rise,
May be I will arise!*

- Jui Pimple, M.A. II

Swami Chinmayananda

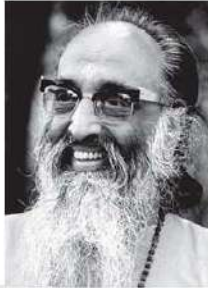
Aishwarya Nair (F.Y.B.Sc.)

Article on account of Birth Centenary Year of the Spiritual Master Swami Chinmayananda..

Balakrishna Menon was born on 8th May 1916 like other ordinary children. Born to ordinary parents a lawyer father and a home maker mother in the city of Ernakulam (Kerala) India, he later became known as Swami Chinmayananda. He completed his graduation from Lucknow University and there after entered the field of journalism. Swami Chinmayananda is counted amongst the most notable spiritual leaders in India. He was considered an authority on the ancient Indian Scriptures, especially the Bhagavad Gita and the Upanishads. He was the founder of the Chinmaya Mission. Chinmaya Mission was formed with the aim, to bring the timeless knowledge of Vedanta close to people. At the same time it teaches them the way to attain spiritual growth and contentment. It is a spiritual, educational and charitable non profit organisation that encompasses more than 300 centres in India and internationally.

Through his vedantic teachings, publication, centres, ashrams, temples and social service projects around the globe, his work continues to provide cultural and spiritual instructions to mankind. He left this world on 3rd August 1993. His followers mark the date as the occasion when he attained Maha Samadhi. A Mahasamadhi Shrine has been built in Sidhbari, Himachal Pradesh.

There are numerous and diverse devotional, spiritual, cultural and social projects that the Chinmaya Mission continues to administer and conduct in Chinmayananda's memory, including Bala Vihar, the Chinmaya Yuva Kendra (CHYK) the Global Youth wing of Chinmaya Mission and Chinmaya Study Group for adults, which are also known as Devi Groups. The mission has also constructed over 50 temples in India and abroad and it operates the Chinmaya organisation for Rural Development (CORD), which was founded by Chinmayananda to integrate suitable development for the poor through self empowerment.



*Youth in our country are not
careless they are cared less
Youth in our country are not useless
they are used less
- Swami Chinmayananda*

Appeal to Youth

Swami Chinmayananda used to appeal that our nation, need some young men who will renounce everything and sacrifice their lives for their country's sake. He felt that youth is the most precious time of life. Its like laying a strong foundation for a building. If building is important then foundation too becomes very important.

He used to say that the way in which you utilize this period will decide the nature of coming years that lie ahead of you. Your happiness, your success, your honour and your good name all depends upon the way in which you

live NOW, in this present period.

In his book "I love You" he writes that love is the basis of every religion. All great people have become great because of their love for others.

There are two distinct types of love, 1) higher love and lower love. The higher love is called Prem, Bhakti (devotion) and the lower love is known as Sneha (affection).

He said that there are four basic factors that go into the constitution of love :

- 1) A sincere anxiety for the beloved
- 2) Sense of deep response
- 3) An ardent attitude of reverence and
- 4) A complete understanding of the beloved

No art can grow and shine without 1) self discipline 2) concentration 3) Total dedication.

Endless practice is indeed to perfect oneself in any art - music, painting, medicine, sculpturing, dancing etc. One who knows how to give love is a living god upon earth. To gain this mastery is the highest achievement in life.

Due to his various work Swami Chinmayananda had achieved various honours and recognition.

In 1993 he was selected as President for the Centennial Conference of the Parliament of the World's religion in Chicago, where Swami Vivekananda had given his address one hundred years ago.

He was also to be honoured for his selfless service to humanity in Washington DC at world "Vision 2000."

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"A man who has no inner life is a slave to his surroundings."

Roma Abhyankar (M.A. English)

Inner Life. Two words, nine letters. An objective view of inner life puts before us the possibility of another life. But consider a quintessential significance and 'inner life' has a profound existence. The above quote was the thought of Henri Frederic Amiel, a Swiss philosopher, poet and critic. When he did quote this philosophical ornament, little did he realize he was opening a Pandora's Box!

The term 'inner life' has always intrigued me. We all know of one life- one in which we execute the unimaginative daily errands like eating, sleeping, working, studying and so on. Some may argue that they lead far more exciting lives; but at the close of the day, we all retreat to our homes for a good night's sleep. Where is the inner life then?

When Henri Frederic Amiel spoke of man being a slave to his surroundings due to the lack of an inner life, it makes you wonder what may have instigated him to write such an audacious statement. It makes one think if what we 'live' now is not really living, or not fulfilling enough? Spiritual gurus, life coaches and the like have hinted at pursuing spirituality to connect oneself to one's deepest thoughts and feelings. They've incited us to look beyond our achievements, professions, material wealth, needs and reflect on our true inner selves. Some may have achieved peace in doing so, but a lot are still struggling.

Inner is nothing but near to the center. We mortals have always looked at two kinds of centers- the heart, an emotional rollercoaster and the brain, the practical master. Now dissecting the concept of inner life is leaving me more confused than ever.

Plainly speaking, I can associate 'inner life' with peace, self-control, might, capability and the like. The inner life is who I really am and what makes ME happy. If I were a teacher, edification of young minds would be joyous. If I were an orator, the transmission of my message to a gathered audience could be a real test of my capability and if I were a parent, my true peace would be in caring of my young children. So I (and whoever I may be), have a choice to define what pleases me.

Every opera needs its phantom and YOU are the hero of YOUR life. This gives YOU the absolute

control over you, your movements, your feelings, and your living. Simply put, YOU are the inner life.



Each day is a race against time, a run to be the best and beat the rest. But if man just stopped and paused for once, he would realize what a captive he had been to his own life. Humans have the power to control themselves. But the thing about power is that you realize you had it

only when you lose it.

Time and life are irreversible. And in this clockwork of a rat race, man is living is just collateral damage to his breathing. Success is a picture drawn with the colors of thoughts, emotions and behavior on the canvas of attitude. Just like our fingerprints, our thoughts and emotions are unique to us. Therefore, just imagine the assortment life has to offer!

With all of this, does it mean we turn into an island? Far away from the people, situations and the life we have grown up living? Not necessarily so!

Energy goes where attention flows. So why not try focusing on ourselves before blindly following the public at large or trends of the day or in the words of media, 'hashtag' yourself!

It is a mystery if you think why Henri Frederic Amiel may have quoted his views on inner life back in the days of the 19th century. There were no technological machinery to occupy our mindspace and even fewer social gatherings... but it could be anything- from the influence of his wide travel across Europe or the loss of his parents at an early age or even his pursuit of German philosophy.

Whatever may be Amiel's vantage ground, his quote bears resemblance to today's time and age. And to sum it up, Thereoux puts it beautifully in "It's not what you look at that matters but how you see it."

Roma Abhyankar secured the First position in category 2 (UG/PG) for the essay in the Maharashtra Region (Zonal Level Prize). 1.90 lac students participated in the event all over India and from 13,000 institutes organized by United Nations Information Centre for India and Bhutan (UNIC) and Shri Ram Chandra Mission [SRCM]



Non-Conventional energy sources

Dhanraj Dnyanoba More (T.Y.B.Sc.)

The chronological development of Ministry of new and renewable energies is given below :

1981 : Commission for Additional Source of Energy (CASE)

1982 : Department of Non-conventional Energy Sources (DNSE)

1992 : Ministry of Non-conventional Energy sources (MNES)

2006 : Later renamed as: Ministry of New & Renewable energy (NMRE)

My position on this issues was originally that renewable energy is beneficial for our environment. I believed this because I thought that using fossil fuels was ruining our environment. Burning fossil, fuels emits harmful gasses.

The use of coal, oil and natural gas are causing problems with the earth's ozone layer and has caused the green house effect and the fossil fuel supplies are depleting I thought that using solar powered energy, Geothermal energy, wind powered energy, hydrogen powered energy and biomass energy would bring about green environment and help to save earth in the end.

Also non-conventional energy source does not run out and creates little or no pollution.

P.M. Narendra Modi, delivered a speech during the opening session of the world climate change conference 2015 (COP 21) at Bourget, Paris.

"Developed countries must fulfill their responsibility to make clean energy affordable and accessible to all in the developing world," he said, and wanted the \$100 billion a year plan for assistance from the rich to poor nations by 2020 expedited.

Mr. Modi demanded that the rich nations meet their obligations in a credible and transparent manner. Apparently referring to the pressure that countries like India may face under the Paris deal, he said he welcomed stock taking that was done in a transparent manner, where it covered both support and commitment based on the principle of differentiation.

Acknowledging the reality that conventional energy sources such as coal would continue to be used at present the Prime Minister said funds were necessary to clean up coal based generation. This

could be done using the Green climate fund which needs scaling up, he said.

Non-Conventional energy sources

Renewable energy is generally defined as energy that is collected from resources which are naturally replenished on a human timescale, such as sunlight, wind, rain, tides, waves and geothermal heat.

Wind Power :

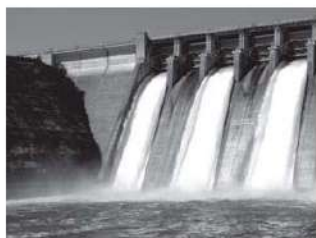
Airflows can be used to run wind turbines. Modern utility-scale wind turbines range from around 600 KW to 5 MW of rated power, although turbines with rated output of 1.5-3 MW have become the most common for commercial use, the power available from the wind is function of cube of wind speed, so as wind speed increases, power output increases up to the maximum output for the particular turbine. Areas where winds are stronger and more constant, such as offshore and high altitude sites are preferred locations for wind farms. Typically full load hours of wind turbines vary between 16 and 57 percent annually, but might be higher in particularly favorable offshore sites.

Globally the long term technical potential of wind energy is believed to be five times total current global energy production, or 40 times current electrify demand, assuming all practical barriers needed were overcome. As offshore wind speeds average 90% greater than that of land, offshore resources can contribute substantially more energy than land turbines. In 2013 wind generated almost 3% the world's total electricity.

Hydropower

In 2013 hydropower generated almost 16% of the world's total electricity. Since water is about 800 times denser than air, even a slow flowing stream of water or moderate sea swell, can yield considerable amount of energy.

Hydropower is produced in 150 countries, with the Asia-Pacific region generating 32 percent of global hydropower in 2010. For countries having largest percentage of electricity from renewable, the top 50 are primarily hydroelectric. China is the largest hydroelectricity producer, with 721 terawatt hours of production in 2010; representing around 17 percent



of domestic electricity use. There are now three hydroelectricity stations larger and 10 GW. The three Gorges Dam in China, Indian Dam across the Brazil / Paraguay border and Guardian in Venezuela.

Wave power, which captures the energy of ocean surface waves and tidal power, converting the energy of tides, are two forms of hydropower with future potential, however they are not yet widely employed commercially. A demonstration project operated by the Ocean Renewable Power company on the coast of Maine and connected to the grid, harnesses, tidal power from the Bay of Fundy, location of world's highest tidal flow. Ocean thermal energy conversion, which uses the temperature difference between colder deep and warmer surface waters, has no economic feasibility.

Geothermal Energy

High temperature Geothermal energy is from thermal energy is generated and stored in the earth. Thermal energy is the energy that determines the temperature of matter Earth's geothermal energy originates from the original formation of the planet and from radioactive decay of minerals. The geothermal gradient, which is the difference in temperature between the core at the planet and its surface, drives a continuous conduction of thermal energy in the form of the heat from the core to the surface.

The heat used for geothermal energy can be from deep within the earth, all the way down to earth's core 4,000 miles (66,900 km) down. At the core temperature may reach over 9,000°F (5000°C) Heat conduct from the core to surrounding rock. Extremely high temperature and pressure cause some rock to melt, which is commonly known as magma. Magma convects upward since it is lighter than the solid rock. This magma then heats rock and water in the crust, sometimes upto 700°F (371°C)

From hot springs geothermal energy has been used for bathingsince Paleolithic times and for space heating since ancient Roman times, but it is now better known for electricity Generation.

Solar Energy

Solar energy radiant light and heat from the sun is harnessed using a range of ever-evolving technologies such as solar heating, photovoltaic's, concentrated solar power (CSP), concentrator photovoltaic's (CPV), solar architecture and artificial photosynthesis. Solar energy technologies are broadly characterized as either passive solar or active solar depending on the way

they capture, convert and distribute solar energy. Passive solar techniques include orienting building to the sun, selecting materials with favorable thermal mass or light dispersing properties, and designing spaces that naturally circulate air-Active solar technologies encompass solar thermal energy, using solar collectors for heating and solar power, converting sunlight into electricity either directly using photovoltaic's (PV) or indirectly using photovoltaic's (PV) with concentrated solar power (CSP)

A photovoltaic system converts light into electrical direct current (DC) by taking advantage of the photoelectric effect. Solar PV has turned into multi-billion, fast growing industry, continues to improve its effectiveness and has the must potential of the any renewable technologies together with CSP.

In 2011, the international energy Agency said that, the development of affordable, inexhaustible and clean solar energy technologies will have huge long term benefits. It will increase countries energy security through reliance on an indigenous, inexhaustible and mortly import independent resource, enhance sustainability, reduce pollution lower the costs of mitigating climate change and keep fossil fuel prices lower than otherwise.

In 2013, solar generated less than 1% of the world's total grid electricity.

Growth :

From the end of 2004, worldwide non-conventional energy capacity grew at rates of 10-60% annually for many technologies. For wind power many other renewable technologies, growth accelerated in 2009 relative to the previous four years. More wind power capacity was added during 2009 than any other renewable technology.

Projections vary but scientists have advanced plans to power 100% of the world's energy with wind, hydroelectric and solar power by the year 2030.

Wind power is growing at the rate of 30% annually, with worldwide installed capacity of 282, 482 MW at the end of 2012, and is widely used in Europe, Asia and the United States. The world's largest geothermal power installation is the Geysers in California, with rated capacity of 750 MW. Brazil has one of the largest renewable energy programs in the world, involving production of ethanol fuel from sugar cane, and ethanol now provides 18% of the country's automotive fuel. Ethanol Fuel is also widely available in USA.



A Mother's Monologue

Nilesh Aher (S.Y.B.A.)

Hey, Got the card yesterday. Its been years I didn't get any. Feels good you know. I am happy for you. And she is beautiful. Much more beautiful than Kate, you remember? You were in fourth grade and you got her home and said you wanted to marry her. An then she complained to her mom. Oh you were so adorable. Many broke your heart, I know. You used to come home and curse the fire place. Sitting alone, burning the poems you wrote. Dear, you were so broken all the time. But then it just took a zoo at first, then the video games, then your friends to distance you. And yes, friends and then things changed it was me, who you asked for. I kept you waiting for long didn't I?

Uh! Sorry... These memories

Age you know. And time. You clung to me outside the school, saying you don't want to go and then you just hugged me when you came back. And then it was the T.V. Then the laptop. But for me, I still waited for your hugs.

Hope you got the news of your dad. Few people came. But I kept my promise. He was a good husband. May be not a good father.

This fire place you know. You left it. You hated the fire. I had to wait. I had to keep things warm. You didn't send your photograph. The girl doesn't look good you know. Hope she has soft hands. because now mine aren't left soft. They don't have a reason to be anymore. The school is shut now. They have built some offices there. I see those tall boys working there. My neighbor and I often take walk. Her son works there. Now its every morning I take a walk to the office. Does she have long hair? Please send me some more pictures next time. But not after 10 years please. Tell her to grow it if she doesn't And hope she is as patient as I was, with my hair. And her nose is beautiful. Lips are okay. Her eyes, I know you look into hearts through them. The thought that made me wait was you dear. You said you want every look at my face. But I saw you there. No black glasses can hide you from me dear. Things had to be this way. May be, you wont find me if you were still here. And those rough hands, shabby grey hair, and these sticks all round would never keep you happy. Things happen for good. After he went, I cleaned the fire place. I don't use if any more. And I have kept that

game thing near the TV. Visit someday. Some summer. Play as much you want. I'll not tell this time. But promise me you will keep a distance. You have a family now. Eyes are too important. After you have a family, you see less, wipe more. I stay alone now. My few bones are still taking it all though. I am just afraid I shall have to stay alone forever. So I have given the keys to neighbour. I told her to see me every six hours, morning and night.

□□□

A Day In My Life

*Every morning I wake up,
My problems wake up with me,
As I fight my blanket to get up,
My worries for the day are set free!*

*When the warm shower hits me,
My spinning head still feels heavy.
As a sip of tea vitalizes my body,
My dejected mind still feels weary.*

*I ask life,
"How long will you go on like this?"
Rushing up and down the same lanes,
Days, months and years passed by like this...*

*Today morning when I woke up,
My dreams woke up with me,
As I fight my blanket to get out,
My ambitions for the day are set free!*

*I give a warm hug to the cold shower,
I shake my head off all the confusion!
As a sip of tea vitalizes my body,
It tastes better when served with affection!*

*I ask my life,
"How long will you go on like this?"
Walking up and down the nostalgic lane,
Days, months and years passed by like this...*

-Ashwati Nair (M.A. English II)

Developing Real Skills in a Virtual World

Mona Paradkar (M.A. – I Psychology)

Mankind started making progress since the time our ancestors made the discovery of fire and the wheel. Since then there has been no looking back and we have evolved as a human race. Today, we are living in a fast paced and technologically advanced world. We are able to cover long distances in a relatively short period of time and in relative comfort as well. Information is also able to travel faster, faster than time, as some say. Information is available at the click of a mouse / button. Our standard of living has significantly improved and most of our children are living a better life, with easy access to all the material comforts.

Yet, something seems to be amiss. Our children know how to operate and use different gadgets – Ipad/ Tab/Computer as they are born in a world surrounded by gadgets. They know how to 'chat' or make 'online' friends and for some the day starts and ends with the number of 'Likes' on Facebook. Strangely, we are feeling more secure in the 'virtual world' than in the 'real world'. In today's highly advanced world developing 'social skills' or 'people oriented skills' is becoming increasingly difficult but it is very easy to learn and develop computer skills.

So, what are these social skills? And why do we need social skills? Man is a social animal and cannot live in isolation. Social skill is any skill facilitating interaction and communication with other. Children are naturally egocentric, thinking of themselves as the centre of their world, at birth. It takes training to teach children to think of others as well as themselves. In order to survive in society it is necessary to build human relationships, which takes place due to these 'people oriented skills'. These skills include turn taking during conversations, being polite or maintaining eye contact/attention, respecting different viewpoints or initiating a conversation. They also help us to understand how to express our opinion without hurting the other person's feelings as well as in grasping non-verbal cues through observing the body language / facial expressions / gestures.

Play is essential for the development of social skills. But, as children are increasingly becoming hooked onto the virtual world from a very young age, they are becoming more lethargic, dull and isolated. As the virtual world has replaced outside play (sports or free play) an increasing number of

children are also becoming more aggressive with poor emotional control. Play has a cathartic effect and allows for the positive channelization of pent up energies. However, children are gradually losing interest in outdoor play as they are getting addicted to gadgets from a very tender age. It is unfortunate that even when we are vacationing we find it difficult to 'switch off' from the virtual world.

Development of social skills is a continuous process and contrary to popular belief cannot be learnt by children on their own. So, is abstinence from gadgets the solution? No. We need the gadgets and so do our children. Moderation is the only key. Caregivers – parents/teachers/other significant adults need to introspect on this growing concern and become aware of the importance of developing social skills in children. And the home environment, particularly the role of parents, is crucial in the development of social skills, which cannot be overlooked.

Thus, it is necessary to establish a balance between the virtual world and the real world as we can learn to operate various gadgets (machines) but extremely difficult to learn to understand the complexities involved in dealing with people (human behaviour).

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'YOU' My Teacher

Mom gave me life,
But you taught me to live
Taught me to tread,
tread the ups and downs a new,
breaking all the world's mew.

Dad gave me wings,
But you taught me to take flight,
Explore the huge skies,
in a real and mighty plight.

Yes, it is you my teacher,
who constructed me for this world with a
very straight and caring word.
Crossing all the hurdles
and jumping over all the puddles
AND,
turned a Carbon me into
a real Diamond

- Dhruvika K. Jain, F.Y.B.Sc. 'B'

Chemistry in Day-to-day Life

Sonam S. Parihar (F.Y.B.Sc.)

"Chemistry unlike other sciences, sprang originally from delusions and superstitious and was at its comments, exactly at par with Astrology."

Chemistry is a big part of the everyday life. We find Chemistry in daily life in foods we eat, the air we breathe, cleaning chemicals, our emotions and literally every object we see or touch.

Our body is made up of chemical compounds which are combinations of elements while we probably know our body is mostly water, which is hydrogen and oxygen.

Can you name the other elements that make you ... ?

The motions that we feel are result of chemical messengers, primarily neurotransmitters.

Love, jealousy, envy, infatuation and infidelity all share a basis in chemistry ! 99% of the mass of human body is made up of only six elements : Oxygen, carbon, hydrogen, nitrogen, calcium and phosphorus.

Every organic molecule contains CARBON !

What is the importance of Chemistry ? Why would you want to learn about Chemistry ?

Chemistry is the study of matter and its interactions with other matter and energy.

Chemistry has a reputation for being a complicated and boring science, but for the most part, that reputation is unreserved.

What is the importance of Chemistry in everyday life ?

Everything is made of chemicals. Many of the changes are observe in the world around we see that caused by chemical reactions. Chemistry is very important because it helps us to know the compositions, structure and changes of matter.

All the matters are made up of chemistry in our everyday life various chemicals are being used in various form.

How does Chemistry affect our daily life ?

There are many elements that we use everyday-

1. Fluorine: Even though it is one of the most highly reactive and aggressive elements it keeps our teeth healthy (toothpaste).

2. Nitrogen : Almost 80% of the air is made up of nitrogen. We use it to breath, without it we would have no DNA, no proteins, or even no muscles.

3. Silicon : Silicon is in sand on the beaches, and in the window panel. Its electrical conductivity

allows PC's mobile phones, TVs and cameras to work.

4. Hydrogen : Almost absolutely everywhere, in water in humans, plants and animals.

5. Aluminium : Used in alloy rims, trains carriages and even in barbecuing !

Chemistry happens in the world around you, not just in a lab matter interacts to form new products through a process called Chemical Reaction or Chemical Change. Everytime you cook or clean its chemistry in action, there are reactions when you take a breath.

Chemistry doesn't make our lives easier, it makes life possible !

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Autumn

*Mistress of her palace once,
She chants memories of yesterday...
The hands that served a thousand bowls,
Holds one herself today!*

*With a wounded soul and a failing body,
The fragile hand trembles,
With every coin that makes a clutter,
Her ego further crumbles.*

*Those ornaments she sold for his studies,
Those garments she let go for her princess's wedding,
Is she wondering if it were all a loss or a gain,
But given a chance, a mother would do it again!*

*She can complain but not curse,
This death isn't the kind she deserves,
And the hand that rocked the cradle once,
Slowly embraces the grave...*

*When the soul embarked to intersect the divine,
My grandchildren shall not give them an experience as mine,
She whispers her last wish on her way to the heavens
Another old age home, back on Earth today opens.*

- Ashwati Nair (M.A. English II)

An Open letter to our PM

Shivanshi Mishra (S.Y. B.Com. C)

Dear Prime Minister,

We don't deserve a person like you. Major portion of the country's population is not valuing your work. You work for more than 16 hours a day, sacrificing your sleep for the betterment of this country. But you will never receive appreciation for the same. You will still be blamed for small silly issues.

These people can handover the nation to one family for sixty years but won't give you five peaceful years to work.

The reason being, this country is full of fake pseudo intellectuals, hungry and lazy humans. They might not be able to run their small family of four people, but will definitely advise you on how you should run this nation.

People are dying to take revenge from you as if you have done the world's most dangerous crime of becoming our Prime Minister. See the Bihar results. They have chosen 8th, 9th and 12th standard passed/failed candidates. But not the ones who represented you. Why? I have heard people saying "agar aaj election ho..toh Modi haar jayenge". Why? Even after working so hard for the betterment of your beloved nation, how can one listen to all this about a person of your stature?

They are just not able to accept the fact that our country is empowering itself. Country is progressing in every way. No. They don't want all this. All they want is Toor Daal @ 1/- per kg and onions for free. Trust me, try doing this and see where you reach!! They are accustomed to the corruption in this country and they can't digest the slow and positive change the country is going through.

I am saddened, but sure we won't be able to see you in 2019 because they will elect some Pappu G to run this country, who apparently cannot run for a marathon!

People can become slaves of the person who provides Daal chawal and potatoes for free. We get to know this from our history. **Nobody wants to change. But everyone wants a change.**



People having smart phones in hand with 3G packages talk about the so called "badhti mehangayi"!! Is it seriously so?

They use a 297 recharge for a 3G plan and they are affected by the increase in price of Toor daal? Are they really?

Sir, you have been ranked in the TOP TEN powerful personalities of the world. But it just doesn't matter to them. Majority of people are deaf

and blind.

You should be relaxing at this age and enjoying life. Your hard work, commitment and dedication have no value here.

With disappointment,
Jai Hind.

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Grave of a Life

*I want to wander in my garden,
I want to water my plants,
The amazing wet mud tickles my nose,
As the tap in my garden I finally close!*

*The swing in the park is inviting me,
The birds in the garden will join me,
As I swallow the infinite sky,
Every tear in my heart will die.*

*I will lie on the couch reading a book,
A smile decorates my face as a sip of coffee
I took,
I am so happy, everything is so good,
I want to breathe life as much as I could!*

*Aggressively capturing a life is spent,
The end will tumble everything down to
mud,
You and I would be buried in the same
ground,
Regrets will blossom from your tomb and
flowers from mine...*

- Ashwati Nair (M.A. English II)

Indian Freedom

Snehank Kadam (XI-G)

As India is a free country, we talk a lot about freedom. We now talk about how government is restricting our freedom. So, I thought why not list out the freedom and rights that we enjoy in our day-to-day life and try to show the contradictions there in ? So here goes -

- 1) We have the freedom to talk about poor condition of roads. We can also blame the government for it. But at the same time we also enjoy our freedom of spitting and throwing garbage on roads.
- 2) We can blame the police for increasing road accidents. But we have liberty to drink and drive, drive without helmets etc.
- 3) We can talk about the increasing malnutrition. But, we have the right to waste food during functions.
- 4) We can blame bureaucracy for increasing corruption. But we also have the right to get our work done in government offices just by bribes.
- 5) We can blame the government for poor waste management. But, we have the right to use poly bags and we can also go to court if they are banned.
- 6) We have the freedom to tell the government about right policies and wrong policies to be adopted. But, we also have the liberty to take our old

parents too old age homes for happy, undisturbed lives. Isn't it ?

- 7) We have the right to talk about assaults on women. But we also have the liberty to abuse each other using our sisters' and mothers' names.
- 8) We have the liberty to talk about prices of fruits and vegetables. At the same time we have liberty to buy goods at 5 times that of market price from malls.
- 9) We have the liberty to oppose wanton cutting of trees. But at the same time we have the the freedom to use goods made from trees.
- 10) We have the freedom to talk about rising intolerance. At the same time, we have the freedom to oppose reservation policy for backward classes.

This list of rights can go on increasing manifold. Here are just a few of them.

We must understand that somewhere even we are responsible. If we want to change the nation, we must change ourselves.



JUST DO IT

*Today do something that you have never done
Think of something that you thought you will never become
In this universe you are a tiny Dot
You become the universe and all your problems seem to be small
I believe in you, trust in your abilities
Others opinion doesn't matter until you are self motivating
Every start has a no, I know
Do that same thing with courage and let people know, you knew
Make this day your best because, it's creating your past and future
Today's day is what that counts, others is just an illusion around.*

- Manisha Joshi, M.A.-I (Psychology)

Little Lessons

*Stop awhile, my child
Don't forever be on the run,
Life isn't a race to be won,
Pause sometimes ! Slow down.
Notice the passing song bird,
And the bumble bee, buzzing from flower to flower,
The rain; the humble ant, the magnificent tree,
Watch the dusk fade into dawn,
The stars shine overhead,
And above all,
Laugh ! Love ! Care ! Dream !
Than chasing success instead.
For life is for living,
It would not do to just 'exist'
So heed my warning when I say this :
Be careful, my child
As you strive the whole world to gain,
You'll miss out on the little things,
And learn life was lived in vain.*

- Salonee Martins, S.Y.B.Sc.'B'

Anandwan, Hemalkasa And Somnath: An Experience To Be Remembered!

Rashmi Sanjay Bhosale S.Y.B.Sc. 'B'

*I sought my soul, but my soul I could not see;
I sought my God, but my God eluded me;
Then I sought my brother, and found all three!*

- William Blake

These are the thought-provoking words which were a constant inspiration to our very own Murlidhar Devidas Amte. Baba Amte, as he is fondly called predominantly known for his untiring work with the lepers, his efforts in upliftment of the deaf, the blind and in improving the standard of living of the Madiya Gond adivasis of Hemalkasa, was a living legend of our times!

A group of students from S.Y. B.Sc. 'B' and NSS, accompanied by Prof. Narendra Naidu, Prof. Gangurde, Prof. Nighot, Prof. Manisha Mandhare and Ms. Anita, were indeed lucky to go on a five day visit to Anandwan, Hemalkasa, and Somnath, to experience a different world.

Anandwan: a new lease of life

Mr. Prabhu and Mr. Paranjape were our guides in Anandwan. Our day began with a documentary on Baba Amte. It showed how an encounter with Tulshiram, a leper changed his life completely. He quivered in fright when he saw Tulshiram with no fingers, no clothes and with maggots all over. To quote him "I took up leprosy work not to help anyone, but to overcome that fear in my life. That it worked out good for others was a by-product".

The cured lepers say that they had lost all hope in life. But, Baba Amte gave them a new way of looking towards life and so now they live a life of dignity and enjoy their newly found respect. Dr. Vikas Amte and Dr. Prakash Amte work with the same passion as their father, they continue to strive for the betterment of the people. Now even their children have willingly joined this mission. There are other inmates too: whose second and third generation have dedicated themselves to the cause of Anandwan.

Anandwan: a new perspective

We next moved on to see the different sections of Anandwan. The inmates displayed wonderful articles made by them, on a large scale. They make greeting cards, portraits and even wall hangings out of the dried peels of banana, maize and rice! No artificial colour was used in making them. Other sections included wooden handicrafts, a handloom and a power loom section. This included mats, towels, Shabnam bags, sweaters, bed sheets, etc.

Anandwan also works for the quality education of children. It includes music classes, tailoring, basic computer courses and fashion designing. This encourages the students to choose their field of interest and even provides them with jobs, thus making them independent.

In the evening we were fortunate to have an interaction with **Dr. Bharati Amte**. She narrated to us almost the entire history of Anandwan, Hemalkasa and Somnath, right from incidents of Baba Amte's life to the present scenario. She also shared inspiring stories of the inmates who fought against their disabilities and today live a happy life of self-esteem.

The next day, we were shown around the Anandwan village. Anandwan has the status of a village. It has its own Gram Panchayat. The first Sarpanch (Headman) of this village was a cured leprosy patient!

The construction of familial colonies was such that it restored the joint family culture. Sukhsadan and Snehsawali were some of the names allotted to these colonies.

The vegetable waste and cow dung produced was recycled everyday and could be used as biogas for cooking. The plastic was converted into fibers using a machine, made by Dr. Vikas Amte, which could then be used in pillows and mattresses.

We next went to the Anandwan hospital where Dr. Pol showed the facilities and medications provided to the



patients. He also highlighted upon the various misconceptions that people have with regard to leprosy.

Hemalkasa: a recent venture

Hemalkasa is situated in the midst of dense forests of Gadchiroli, mostly inhabited by the native Madiya Gond tribe. On reaching, we first listened to the prayers recited by the girls of the residential school. Then we were shown a heart rendering documentary on the setting up of the Lok Biradari Prkalp, Hemalkasa. It showed that when Baba Amte reached Hemalkasa, he saw the pitiful condition of the tribe. They ate tubers, red ants and wild animals raw! They were ridden with superstitions. Even human sacrifice was a common sight! They lived in a situation where food was their primary concern, even clothing and farming was not known to them.

Baba Amte and his colleagues put in a lot of efforts involving convincing the tribals about the importance of education and removing the superstitions from the minds of the people. Finally, the Lok Biradari Prkalp, at Hemalkasa, was set up: now looked after by Dr. Prakash Amte.

On the next day, we had an interaction with Dr. Prakash Amte about his daily routine, his ideas, his thoughts on the movie based on him, etc. He was extremely pleased to talk to our group of young students. Visitors from various parts of India were present. We then moved on to see the 'Animal orphanage', famous now as 'Amte's Ark'. There was a wide range of animals from domestic to wild: deer, Indian giant squirrels, tortoise, turtles, hyenas, sloth bears, crocodiles, banded kraits and so on.

After this Mr. Jagan Machkule, one of the workers from Baba's times briefed us on the various features of the Lok Biradari Prkalp. He told us how they struggled to set up their first school, in Hemalkasa, for the children of the Madiya Gond tribe. As the tribal's primary concern was food, they could not make them realize the importance of education. So in the first year of their school, they just served food to the children, which gradually increased their school's strength. From the next year they actually started educating them. He told us proudly that in their first batch of 50 students, 6 students had become M.D. and that number has increased in the progressive years.

He also showed us the students' mess. They cleaned their own dishes, clothes, rooms and beds, thus teaching them to be independent and to respect every work.

Then after seeing the Ghotul i.e. a place for village panchayats and religious ceremonies, a teachers' colony and the computer room.

Somnath: the agricultural centre

Somnath is an area of 2000 acres, out of which 1350 acres is utilized for agriculture and the rest is for the colonies of the villagers. Mr. Haribhau told us that Somnath was a land solely dependent on rain for agriculture. But because of the water harvesting strategies of Dr. Vikas Amte and the judicious use of water by the villagers, it has become sustainable for rice cultivation: even without rains for a year.

We were shown the embankments, made out of torn tyres and plastic, on a stream, which was the main source of water in Somnath. In this way, they have made 27 manmade lakes all over Somnath which irrigates the 1350 acres of land. They cultivate cereal and vegetable crops on this land and supply the yield to Anandwan and Hemalkasa as well.

Lessons learnt

Firstly; everyone has to face trials and tribulations at some time or the other. But what matters is only this: whether we choose to quit, or to FIGHT. The inmates of Anandwan were at such a point in their lives that their own blood and even society at large refused to accept them. This is the worst kind of feeling, rejection at hands of your loved ones. But, then, Baba Amte gave them hope, showed them compassion, gave them renewed purpose and a sense of self-respect.

This brings me to the second lesson I learnt that - **We are all human. We are all beings of one earth. And that's all the reason we need to be KIND; irrespective of race, caste and creed.**

Another lesson that I learnt was **punctuality, basic though it may seem.** All of them followed strict time schedules for all their activities throughout the day. Punctuality, is what today's generation lacks. We need to learn the importance of using time to the best of our abilities.

The final lesson learnt; the innovative approach of Dr. Vikas Amte for garbage and plastic related problems really inspired me to work towards saving our environment. In an age where the earth faces serious threats due to constant pollution; I know it has never been more imperative than now to at least **START** and then **PERSEVERE**.

Our trip to Anandwan, Hemalkasa and Somnath was an experience that will be forever cherished. It was not only a great beginning for the New Year 2016 but it has been a new beginning for our future life!

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Hyperloop - A New and Evolving Mode of Transport

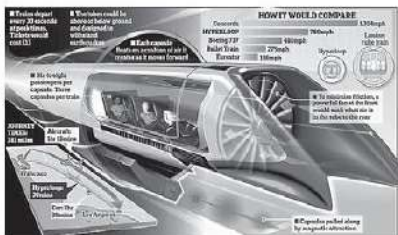
Ameya Borkar M. Sc. [Comp. Sci.]

Today, the world has come to a point where we have seen virtually everything. From age-old techniques to futuristic machines, nothing seems very new and surprising now. The age of inventions is long over. Currently, we are in the new age of inventions. Countries are giving a massive push to technological advances for their own reasons, humanitarian or selfish. Every coming day, we are looking at a new invention. I, being from a computer background, see technological progress in the following sense, "Size and carbon footprint decreases, capacity and speed increases". This principle applies to almost every new technology. In this wake, there are some changes happening in the field of transport as well.

Man has made use of animals and machines alike for his transport needs. When we were taking help from animals, we wanted more speed. On the other hand, now that we harness machines in the form of cars, trains and planes, we want them to be green and eco-friendly. What if there were modes of transport that would satisfy both of our needs? Well there are! 'Behold the hyperloop'. This statement even though which sounds like an advertisement and an exaggeration, doesn't feel like it when we exactly know what a hyperloop is.

A hyperloop is an upcoming mode of transport that can transport humans and goods faster than the speed of sound and that too with very less cost. Currently the fastest plane, does travel faster than sound, but is not available for masses. But what is hyperloop exactly? How does it work? The hyperloop consists of a small capsule riding inside a tube in a circular fashion at extraordinary speeds. Thus, the name hyperloop. The capsule that carries passengers will not require any fossil fuels but will work on the pressure created inside the tube from one side of the tube. The capsule will not touch the walls of the tube as it will be surrounded with a cushion of air from the sides, thus suspending it inside the tube. The outside the tubes, will be lined with solar panels. These solar panels will generate enough electricity to power the complete system for a day. As the length of the tubes increase, surplus power can be generated

which can be put on the power grids. All this feels like a dream, but it is not.



Although there have been trains that worked on air pressure, the more feasible idea of hyperloop was proposed by Elon Musk, the founder of the company Tesla Motors. Tesla has already made strides with its range of sports cars that work completely on electric power and are on par with other conservative cars and also with

SpaceX space programmes. Hyperloop doesn't quite seem like a difficult idea for Tesla Motors. It is just a drop in a vast lake. After Elon Musk proposed this idea, there have surfaced some companies that are actively developing this technology. The companies are trying to better the system by bringing in new ideas and eliminating the hurdles. Hurdles like stopping a capsule that is travelling at a supersonic speed, the inertia the passengers might experience, etc. These companies have signed pacts with multiple countries to create and install these systems in their respective. A test track is already being set up in the Silicon Valley.

Well, hyperloop isn't the only new mode of transport. There are others like the space elevator. It is an elevator from ground that takes us up into space. Space tourism is already a thing which promises to take us to other planets. Then there are shoulder mounted jet packs and flying cars. None of these seem as good and efficient as hyperloop. In India, we are looking forward to bringing superfast bullet trains. But the money involved in building the infrastructure for such bullet trains is huge. And the plan to build a countrywide network seems dim and difficult. The price required to build a kilometer of hyperloop tube, is less than that of what is required for the specialized tracks of bullet trains. Also at a time when India is facing with problems of pollution and depleting resources, the hyperloop can save us.

Imagine a future where transportation is fast and safe, air is clean and people are satisfied. We don't have to worry about depleting fossil fuels or frequent break downs. No waiting for traffic signals or being stuck in traffic jams. Let us look forward to the hyperloop.

□□□

Natural Dyes

Uma S. Sawant (F.Y.B.Sc. 'B')

Now a days, in the whole world there is turn to return towards the use of herbal products, natural food, herbal medicines and natural curing practices for healthy life. There is much craze for the vegetable product cultivated through organic farming without using chemical products like fertilizers and pesticides. This is due to awareness about effect of all these chemical products on human health and on environment. Chemical products like chemical dyes and their derivatives causes environmental pollution and disturbs our eco-system. Hence demand for herbal products is increasing in market. People are demanding for naturally dyed clothes.

Dyeing of clothes using natural dyes is as old as human civilization. Making natural dyes is an ancient art. Archaeologists have found evidence of textile dyeing dating back to the Neolithic period (New stone age). In China use of dyes made from plant has been traced back more than 5000 years.

Natural dyes are the dyes which are derived from plant, invertebrates or from mineral. But majority of them are vegetable dyes which are obtained from source like roots, bark, wood, etc.

In early days people have dyed their textile using locally available dyes, but scarce dyestuffs that produced brilliant and permanent colour such as the natural invertebrate dyes, tyrian purple (also called as royal purple are extracted from Murex snail) and crimson kermes became highly prized and luxury items in ancient and medieval world. Plant based dyes like indigo and saffron were raised commercially and were important trade good in economies of Asia and Europe

Indigofera tinctoria is used to get blue colour dye. It is popularly known as the 'King of natural dyes' for making dye leaves of *Indigofera* are picked up and powder of Indigo dye is produced. The colouring matter which is present in indigo plant leaves is light yellow substance called Indican. The use of natural indigo started decline after the manufacture of synthetic indigo by BASF.

Other source of natural dye is Madder i.e. the *Rubia* sp. This dye is produced from roots of the plants. This dye is popularly known as the 'Queen of natural dyes'. The main colouring constituent of European madder (*Rubia tinctorum*) is Alizarin and main colouring constituent of Indian madder (*Rubia cardifolia*) is mixture of munjistin and purpurin.

Dye can be also extracted from some insects and mollusc. Molluscs like Murex snail is used to get purple dye. It was very expensive as thousand of molluscs were needed to get a gram of the dye. Hence this dye became symbol of royalty. Cochineal is other animal source which is used to get natural dye. Principal colouring agent in Cochineal is Carminic acid. These insects give red colour to textile.

In some mineral pigments are also present like cinnabar, red ochre, yellow ochre and so on. These are used for colouration purpose.

The core process of bio-dyeing is changed little over time. Typically, the dye material is put in a pot of water and then the textile to be dyed is added to the pot. The resultant solution after soaking dye stuff in water is called as dye bath solution. After adding textile to dye bath solution it is stirred and heated until the colour gets transferred to fabric. In this process along with dye some other chemicals are also added which help to fix dye on fabric which are called as Mordant. In early days tannin which is extracted from oak gall and salt and natural alum was used as mordant. Dyes which require use of mordant are called as adjective dye. While some dyes are itself rich in tannin which do not require mordant are called substantive dyes.

As in 19th century synthetic dyes were discovered the market of natural dyes start declining. As synthetic dyes were inexpensive compared to natural dyes and could be produced on a vast scale, people started preferring synthetic dyes. But in early 21st century the western consumers became health and environment conscious, they are again demanding for natural dyes.

Natural dyeing industry can also help in social development like women empowerment. Women from rural area are mostly housewife's so they can collect dye stuffs in their free time. In this way they can get their own source of income which will make them independent.

Hence in developing countries like India, the natural dyes can offer not only a rich and varied source of dye stuff but also the possible source of an income through sustainable harvest and sale of these dye plants.

In short bio-dyeing can play vital role in rural economy and also can help in preserving bio-diversity. So it is a dire need of today's society to promote bio-dyeing industry.

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Social Network - Our Best friend....

Vaishali Poojari (M.C.S. -II)

In today's world, one thing that is grabbing lot of attention as well as time is- Social Network. No doubt, Social Networking sites have occupied major parts of our lives. We are living in a time where the world is open to us. We can contact anyone around the world, at any time, with just a few keystrokes. From children to grownups, everyone is surrounded by mobile devices which have made social networking sites a vital aspect of their life. For schools and colleges, the explosion of social media is very wide. Engaging with social media opens the door for many new opportunities as well.

On Internet sites such as Twitter and Facebook, where one can hide behind the anonymity provided by the internet. Nowadays social network plays an essential role in teenagers' lives. Most youths are spending at least an hour on these popular social media sites... Funny! Isn't it... Just because Facebook asks what's in your mind? People tend to post it right away with lots of emoticons. We're sharing our lives – the ups and downs, the twists and turns – with people we think will care.

Many young people are using their tablet computers and smart phones to check Tweets and status updates from their friends and family. Social media helps the youth and any other user updated with what is happening around the world, helps the teenagers stay connected and interact with each other even if they are many miles apart. This strengthens their friendship even if they finished

school and moved to different locations they stay connected and update one another.

We all have might come across a surprise when a long lost school friend messages us on any social networking site. These sites have become virtual bridge that is connecting many lives. It's entirely possible to have hundreds of friends on Face book. They may not be friends you know on a personal level and spend time with in the real world on a weekly basis. But they're friends nevertheless.

On the other hand social networking technologies can also have positive influence on education, because it allows students to work together and collaborate. It surely helps to improve knowledge on particular topics. Also, it is becoming a most advanced form of job search portals. Job seekers can easily search job from a single platform. Social networking sites can assist young people to become more socially capable. Social networking sites are also useful to network professionally.

Also we need to take care so that it doesn't affect our Real world. It can also be a waste of time as people can visit a site to check one thing and end up spending the whole day 'behind the screen' and as a result, not doing anything useful with their lives.

At the end, it may be said that if you can keep your own life centered in reality and use social networking as a small part of it, you should be just fine.

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FEELINGS...

*What are we feeling is a real question to ask
Others are just hidden, wearing a smile like a mask.*

*Knowing what's inside us, is a real task
Just chemistry trapped inside a flask.*

*You control us with the string
Like we are the puppets dancing in the ring.
Happy, Sad, Afraid, Angry, all this comes and goes in a fling
You have the power to change our perceptions in just a Blink.*

*It's a long battle to fight
But every thought will bring a new light.
In a dark night, when nothing is going right
Try wearing a different lens, which changes your sight.*

- Manisha Joshi, M.A.-I (Psychology)

The Next Extinction

Salonee Martins (S.Y.B.Sc. B')

The year 2016. We are at the height of technological revolution. And we are still climbing, reaching higher and higher. We have built massive sky-scrapers, missiles, satellites; communicate over miles at length; and have accomplished the previously unfathomable. Sadly, in an age where we are hungry to learn about the vast expanse of the universe; our own planet Earth is in big, big trouble. Not because of an apocalyptic event like alien invasion akin to a blockbuster film. NO!

Our Earth is facing the next, SIXTH Mass Extinction. And this time **WE are the cause!**

What is Extinction?

To put it simply, extinction is when an organism, perhaps a plant or an animal vanishes off the face of earth, **forever**.

What is Mass Extinction?

It is a brief period in time where there is rapid decrease in diversity.

Does it happen normally?

Yes! But at the rate of 1 organism/million species/year!!

So if it is natural, why should we be worried?

Well, the current rate of extinction is an approximate of 10,000 species/year!

The Thylacine (Tasmanian tiger), Great Auk, American Lion, Haast's eagle, Smilodon, Sivatherium, Birds like Moa, Dodo, Aurochs and several more...are all gone!!

Has a mass extinction happened before?

As a matter of fact, the earth has experienced 'FIVE' such catastrophic events, in the past 540 million years! Of these, probably, the most well known and recent would be the 'Triassic Jurassic' extinction, that killed off the dinosaurs. Scientists believe that a huge asteroid, the impact and huge dust produced as a result of it were responsible for this.

Some details on the FIVE Great Extinctions are below:

1. **Ordovician-Silurian** extinction: It occurred about 450-440 million years ago. This event is considered to be the second largest of the five mass extinctions with respect to the percentage of genera that became extinct.

2. **Late Devonian extinction:** This event occurred 375-360 million years ago.

3. **Permian-Triassic extinction/ The Great Dying:** This occurred about 251 million years ago. It is the largest extinction event that is currently known.

4. **Triassic- Jurassic extinction:** This occurred 200 million years ago.

5. **Cretaceous- Paleocene extinction:** It occurred 65.5 million years ago and has been repeatedly associated with an asteroid or comet impact.

We are currently in the midst of the Holocene or Anthropogenic extinction event. It refers to human driven extinction event.

In the past, mass extinctions were the result of global calamities like volcanic eruptions, ice age, glaciations, climate change.

And now, we are experiencing the worst spate of species die off since the loss of dinosaurs, millions of years ago.

The causes of this are all human driven:

➤ **Air pollution:** Release of harmful gases like carbon dioxide, sulphur dioxide, nitrogen dioxide and particulate matter via industrial smoke, combustion of fossil fuels, vehicles, thermal power plants. This leads to deterioration in air quality that affects all, in particular birds.

➤ **Water pollution:** Untreated industrial and domestic waste causes turbidity and blocks out sunlight entering water bodies. Aquatic plants fail to grow. The heavy metals, radioactive substances, sewage and other pollutants make living very difficult for the dwellers there and cause a host of illnesses. Warm water released from thermal power plants raises the temperature of water bodies, lowering oxygen solubility in them.

➤ **Global warming:** It is an increase in the average temperature on the earth due to green house effect i.e. the trapping of the sun's radiations by gases like carbon dioxide and methane. This leads to the following:-

- Melting polar ice caps leading to loss of habitat of heat sensitive organisms.
- Increase in sea level causing submerging of islands and low lying regions.



- Extreme weather like heat waves, drought, irregular precipitation, storms and cyclones.

➤ Deforestation: The clearance of forest land for human activities is at a rate ten times higher than any possible level of re-growth. Tropical rainforests contain at least half of the earth's species; and loss of them at 17 million hectare/year will cause a dramatic loss in biodiversity.

Trees are the lungs of the earth. Chop them down and what we are doing is simply cutting off the very air we breathe!

➤ Poaching: It is the illegal killing of animals for their hide or skin, bones, teeth and other body parts, for local medicine, clothing and ornamentalions.

➤ Population explosion: The current world population of humans ALONE is 7.4 billion; and is ever increasing. This in itself is an indicator that we have overstepped our limit. Humans occupy and develop previously most biologically productive regions e.g. along rivers, coasts, forests and valleys; ultimately modifying it due to urbanization, industrialization and supposed 'development'. Where can the displaced organisms go?

➤ Urbanization: Urbanization is a population shift from rural to urban areas, "the gradual increase in the proportion of people living in urban areas", and the ways in which each society adapts to the change.

The existence of Urban heat islands has become a growing concern over the years. An urban heat island is formed when industrial and urban areas produce and retain heat. Much of the solar energy that reaches rural areas is consumed by evaporation of water from vegetation and soil. In cities, where there is less vegetation and exposed soil, most of the sun's energy is instead absorbed by buildings and asphalt; leading to higher surface temperatures. Vehicles, factories and industrial and domestic heating and cooling units release even more heat. As a result, cities are often 1 to 3 °C (1.8 to 5.4 °F) warmer than surrounding landscapes. Impacts also include reducing soil moisture and a reduction in reabsorption of carbon dioxide emissions.



The occurrence of eutrophication in bodies of water is another effect large urban populations have on the environment. When rain occurs in these large cities, the rain filters down the pollutants such as CO₂ and other green house gases in the air onto the ground below. Then, those chemicals are washed directly into rivers, streams and oceans, causing a decline in water quality and damaging marine ecosystems.

➤ Artificial barriers like roadways, highways, and farmland. These cause habitat degradation, loss and fragmentation. Animals are also prevented from moving along their natural corridors. Dams disturb the river network continuum.

➤ Ocean acidification: Gases like carbon dioxide are absorbed by the ocean. When in massive amounts, is capable of decreasing the pH of the ocean, thereby acidifying it. Plankton, coral reefs, shelled animals and aquatic life by far is severely impacted.

➤ Over harvesting/ unregulated/ illegal fishing: The reason for this is the increasing demand for food due to overpopulation, esp. in the coastal regions. The rate of harvesting is higher than the rate of reproduction of fish. Mostly top predators like the tuna are targeted, meaning that the smaller marine species which are their prey will increase in number. Thus the growth of algae will increase. Food chains and coral reef health are hence disturbed.

The list is endless!

The Result?

A changing environment that is undergoing degradation so drastic; even the strongest of species are in danger due to their inability to adapt!

Changing temperature, deteriorating air and water quality, disturbance of food chains.... Species vanishing in the blink of an eye!!

Earth's oceans and forests host an untold number of species, many of which will disappear before we

even get to know them!

HOW ARE WE AFFECTED IN ALL OF THIS?

WHY MUST WE CARE?

AFTER ALL, WE'RE SAFE, AREN'T WE?

WE CAN MANAGE TO ESCAPE AND IGNORE THE EFFECTS OF CALAMITY AS WE HAVE DONE

BEFORE, ISN'T IT?

WRONG!

EXTINCTION IS ABOUT THE LITTLE THINGS TOO!

90% of the oxygen we breathe comes from phytoplankton; the autotrophic component of the plankton community; a key factor of oceans, seas and freshwater ecosystems. According to a 2010 study published in Nature, marine phytoplanktons have declined by 40% since 1960! Ocean acidification due to pollution is the main cause.

*All is not lost. Where there is
life, there is hope!*

- Stephen Hawking

In an ecosystem, we are interconnected with our fellow living beings in ways we cannot imagine!!

The air we breathe, to the water we drink, to the food we eat: all are courtesy of the Earth.

Let one domino fall: and the entire ecosystem will collapse!

We have gone to the moon and back! But we have destroyed the very land, oceans and air that have nurtured us for aeons! The price we must pay is heavy, if we don't act fast!

Only when the last tree has died, the last river poisoned and the last fish been caught: will we realize, **we cannot eat money!**

*It's easy to curse the
darkness,
and accept fate,
It's time we wiped clean
The slate,
The odds are not in our
Favour,
We are not in this alone,
If we fail in the race
Against extinction,
We must reap what we
Have sown,
So be the spark, light
The candle, join in,
We need only CARE,
Then all will be saved...*

There is still a lot left worth fighting for!
So many to save! **BE THE CHANGE.**



Life

Srushti P. Salvi (MCA - I - Science)

Life ! Really so hard to be defined. It has no universal definition. Life is the most important gift to a human. It is a gift that should be lived and enjoyed everyday.

Life is actually a mixture of good and bad times. Always remember "You've got to take the good with the bad, smile with the sad." We enjoy the good times in life but never get upset by the bad times. The good times give happiness and happy memories. Many times the bad times teach us some important things in life. Always forgive, but never forget. Learn from mistakes. In difficult times when one door closes, another opens. In any situation life never stops so one must enjoy and live life to the fullest always.

Life is all about the small and big moments. The big moments are the great achievements like dreams coming true, which are one of the happiest moments in life that changes our life fully for good. On the other hand small moments like sharing someone's pain, laughing out loud when we fall, watching the rain, meeting an old friend after long time which too gives us happiness from bottom of our heart.

"To live is the rarest thing in the world. Most people exist, that is all". The Giver has given us this life to live and fulfill our wishes. So live and explore each and every moment of life. By doing this it's

beauty will be increased. So always live life and try doing new things that would give happiness. The gift of life is beautiful, best, precious, richest, important and happiest. So live it as much as you can.

Everyone has their own aims and ambitions in life. Everyone has their own style of living life. "The greatest use of life is to spend it for something that will outlast it." Some people dedicate their life for their hobbies. Lata Mangeshkar, the great singer dedicated her life for singing. The important rule in life is to do what makes us happy. So first find out things that gives us happiness and then stick to that track to make our life successful.

Many people get happiness by helping other people. Such people become saints and spend their full life for helping others. One important thing in life is we become what we think. So always think positive and hope for the best in life.

Last but not the least when you stand before God after the end of life, you would hope that you do not have a single bit of talent left unused and could say I used everything you gave me. So always try to find out the good things done by you everyday. Try to perform good things always. Life as a human is really a precious gift. It is not so easy to get a human life. So use it correctly and always use it appropriately.



Special Experience at a Special School

Avanee Pendse (S.Y.B.A., Psychology)

Autism, in the simplest of words is defined as a mental condition, present from early childhood, characterised by great difficulty in communicating and forming relationships with other people, and in using language and abstract concepts. It is a neurodevelopmental disorder, not a disease that can be transmitted. It is one of the disorders that is inborn and has no cure. Some features of Autism are low or absent eye contact, low communication, reduced response to people. Most of the children aren't 'toilet trained' until very late even 10 or 12 years of age. 50% of autistic kids cannot speak, and out of the 50% that can speak, most cannot speak clearly. Almost all children with Autism are hyperactive, and as they grow older and gain more strength, it becomes physically impossible to control them.

When a child is diagnosed with Autism, the most formidable question in front of the parents is how to deal with it and what to do to help the child? As the child most of the time cannot explain absolutely anything, understanding his/her needs becomes a problem.

While all of this can be learnt as theory, read from the internet or books, it is important for one to have practical knowledge. Therefore with due permission from Oke Ma'am, Head of Department, Psychology, I, along with Gauri Chudekar and Geetanjali Deshpande decided to work as a volunteer at Prasanna Autism Centre. We were assigned to different classes on our first day there. Geetanjali was assigned to a class with children of ages between 4 to 7. I was assigned to a class with children from 7 to 16 years of age and Gauri's class had children from 10 years to 17 years as well. The classes were divided according to ages but also according to the medium, i.e. language the teachers used to communicate with the children. All through the day there was a planned schedule for the kids. Every day included one on one interaction sessions between the class teachers and each child, speech therapy sessions, and play time outside the classroom. Occupational Therapy was also provided regularly to the children. Some things that they did occasionally were Malkhamb and Movement therapy with trainers and teachers having specialized

experience to guide them.

The three of us went there thrice a week from 1:30 pm to 3:30 pm. This time was the activity session for the kids. Consequently, Geetanjali used to go to the ground with the children, Gauri had the opportunity to participate in several movement therapy sessions while I got the chance to teach a few simple art patterns to them. We had ample guidance from the teachers and Sadhana Godbole ma'am. We were told how to speak to the children, how to make it easy to understand for them, how to actually hold their hand and make them do a certain activity. Many a times it would happen that I would be eager to try a new colouring page or drawing or collage with a child and the child would be absolutely disinterested in doing anything apart from sitting against the wall and staring into space. I then had to make the boy hold the crayon, while I held his hand and coloured the page myself. It was difficult to keep a track of their moods and perceive their emotions, initially. As a result, when I scolded one boy for something that he did, I was quite forcefully bitten. This would just be an example of improper expression of emotions. One more interesting boy in my class was a 7 year old who would try to speak to me, going on and on and on, but his words would never be clear or completely formed. I could never understand what he wanted to tell me when he clearly had a lot to say. And then I would see disappointment and anger in his eyes at my inability to comprehend what he just narrated. At such times, it would be tough to keep my morale up and yet go ahead and try, once more, to understand what my little storyteller was describing and explaining to me.

We got to know several children whose unusual habits or behaviours will make us always remember them. Like, a 6 year old boy who would not speak anything apart from simple prayer words. Or a 14 year old girl, with a quick temper and an equally quick apology to go with it. According to Gauri, "working in the Autism Centre enforced the fact that you ought to treat everyone with more empathy. It reminds you to treat everyone with kindness and respect. The presence of a disorder shouldn't be a reason to look at anyone differently."

I feel that my time at the Autism Centre taught me many things, the most important being empathy and patience. Teaching in a normal school is comparatively easier. After the teacher teaches something, she can expect the students to understand and behave accordingly. But in a school for differently-abled children, such immediate effects are never to be seen. The child may remember one thing after it has been told to him / her again and again for days, months, even years, or sometimes, may never remember; for example, a child being told to put a certain bucket in the proper place in the bathroom, will have to be told repeatedly, but will still forget to do the task on his own every day. It teaches you to be normal without immediate satisfaction or gratification that is obtained in the form of responsiveness from the child.

Due to the child's limited capacity to express his or her own needs or wants which may range from hunger, thirst, or need for affection, to something

that is happening to them like headache, uneasiness, etc it becomes important to understand their non verbal cues. One learns to be more receptive to not only the kids' but everyone's expressions, body language and thereby, emotions. All of this may seem to be work without rewards or returns, but it indeed is not so! The true reward is when such a child approaches you, holds your hand and smiles at you, thus bestowing his trust upon you. That is when you know you have earned it.

It is very important to spread awareness about Autism, its causes and effects as the prevalence of this disorder is increasing day by day. Autism has genetic as well as environmental causes. Our daily lifestyle too, is upto a certain degree responsible for the rising cases of Autism. Awareness brings action. If Autism is recognised early and special schooling is made available for the child, it would be possible for the child to be closer to normalcy than without special help. So let us spread the word. It may help others.

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Self - empowerment and Not Women empowerment !

Ishwari Murudkar (F.Y.B. Com.)

"I hate to hear you talk about all women as it they were fine ladies instead of rational creatures. None of us want to be in calm waters all our lives."

- Jane Austen

From the right to worship God to the right to pee, from right to participate in governing the nation to the right in legal property... everywhere efforts are being made to empower women. But the real question that still lies is that whether is this 'pure' empowerment? Growth of innumerable unanswered questions is quite concerning. Do women really need to fight and protest on such pity issues like right to worship God, right to pee, right to vote, right to property inheritance? No! Are these provisions going to empower us? The answer is obviously 'No'!

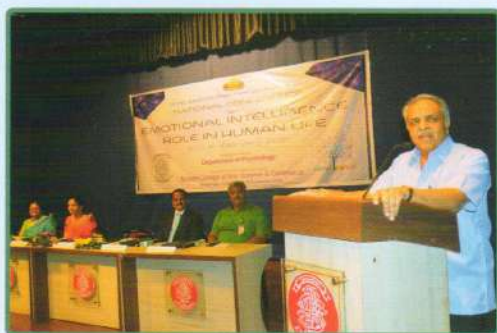
Descending ratio of female against the ratio of men, growing girl infanticide and depriving girls the right to education are all alarming for women empowerment. Gender inequality is prevalent in India since ancient times. The reason may be traditional customs and practices. But that should not hold back us from progress. Even if our culture doesn't permit us certain things, it doesn't stop us from educating and experiencing various things in our lives.

Education is of foremost significance for giving proper knowledge and understanding. After education, an experience in form of work gives you an insight into the outer world. This in turn, helps in building perspectives which strengthens our character and overall personality. Hence, I think this is the reason why women should give priority to career in their lives. Along with education and experience, we also need to be financially strong. It makes us independent and enables us to think practically without being entangled in emotions. Upgrading to latest technology makes you alert and active in your respective fields.

Empowerment means believing in self. Making oneself strong. Self-belief helps to achieve success gracefully. Promotion of self-belief is only through education. Provisions should be made to increase the involvement of women in financial sector, government sector and welfare planning. Altering an overall attitude with perseverance, confidence and high aims can truly empower women.

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National Conference on "Emotional Intelligence : Role in Human Life", 4th and 5th February 2016



Prof. Dr. G. R. Ekbote, Chairman, Business Council, P.E.S.,
addressing participants at the Valedictory function



Invited Talk by Dr. Sandeep Kelkar,
Founder Chairman - 'Equip Kids'

State level Workshop on "Survival and Reliability Analysis", 9th January 2016



Dr. Vijay Narkhede, Joint Director Higher Education,
at Inaugural session



Dr. V. Parameswaran, Director, N.S.S.O., Pune,
at Valedictory session

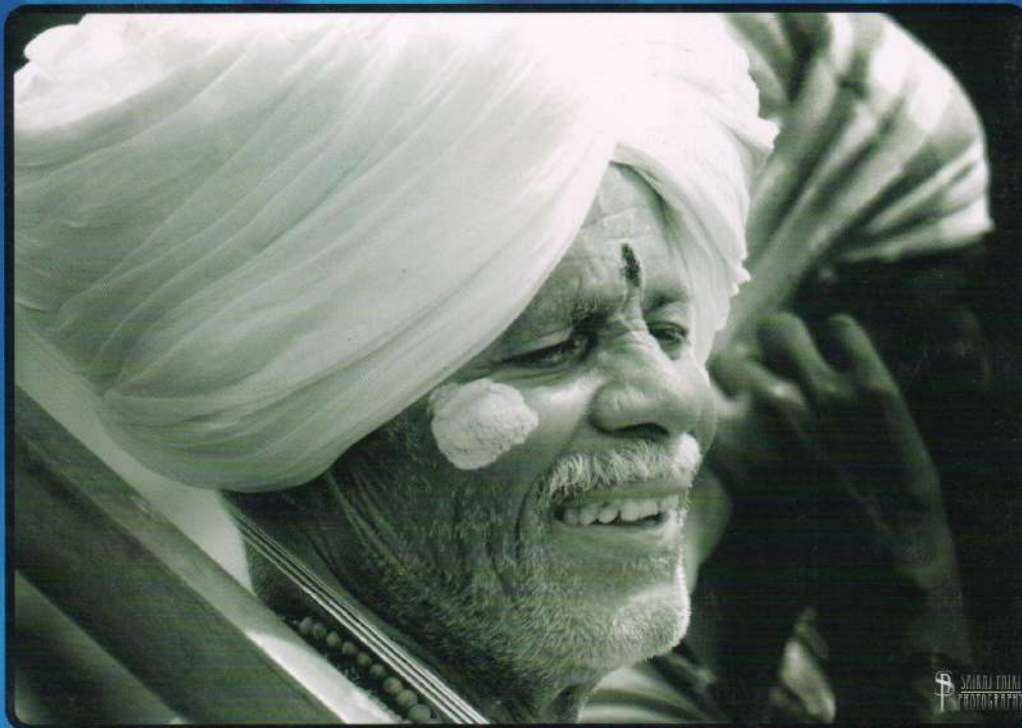
State level Seminar on "Role of e-commerce in Modern Business", 15th and 16th February 2016



Inaugural Address by
Professor Jyotsna Ekbote, Joint Secretary, P.E.S.



Professor Dr. Sanjay Kaptan, Head,
Department of Commerce, SPPU at Inaugural function



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