

Deep 2015!



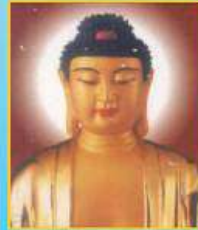
DR. AMBEDKAR COLLEGE

Deekshabhoomi, Nagpur.

(NAAC Accredited with A Grade and
College with Potential for Excellence by UGC)



Deep
2015



Our Inspiration



Late Shri Dadasaheb Gaikwad
Founder President



Late H.E. Shri R.S. Gavai
President



Shri S.J. Fulzele
Secretary



Late Shri Dr. R. Krishnakumar
Vice- Chancellor, YCMOU, Nashik



Bhadant Surei Sasai



Deep
2015



Annual Activity Report 2014-15

Department of English

JUNE & JULY:

- **Admission Process** : Members of the Department worked on Admission Committees from 11th of June 2014 for B. A. I, II, III; B. Com. I, B.Sc. I & M. A. English (4 Semesters).
- Ms. Priti Singh conducted Value Education Lectures for B.Sc. I on 'Manners and Etiquettes', 25th July 2014.
- A Class Seminar was organised on 30th July for B.Com. I (EM) students, based on the prescribed syllabus of the University by Dr. Pallavi Chopde.

Topic : Common Errors In English

Student Participants were : Aman Dinesh Meshram, Apurva Atul Gangapurkar, Pooja Jitendra Nagpurkar & Renuka B Singhsarvar.

AUGUST:

- An Induction Programme was conducted for the freshers of B. A. I by Dr Shailesh Bahadure on 4th August 2014.
- Value Education Lectures were taken for B. A. III students by Mrs Darshika Patil on 'Positive Thinking', 'Importance of the Girl Child' & 'Respect to Elders' on 6th, 7th & 8th August 2014.
- **Library Visit** : This is an annual activity of the department and conducted every year. Students from Faculties of Arts & Commerce were taken to the Central Library. Prior written communication was done to the Librarian Mr. Rajesh Lokhande. It was held on 20th August 2014. Two separate groups were formed

for convenience. Students were taken around the stack area and shown catalogues for different subjects. They were also shown the place where new arrivals are kept for public display. The librarian explained how books are put into accessioning and classification.

An important software that works for searching books is available and functioning in the library that is SOUL-OPAC (Online Public Access Catalogue). With the help of this software books in the stack area and sections can be searched easily by entering just a keyword or an ISBN number or an accession number. The librarian explained all the operations to the students.

Later on students were shown the Reference Section as well as Competitive Study Zone and e-Library. Rules of Library access as well as code to follow in the Reading Room were also explained.

- Value Education Lecture was conducted for B. Com. I (EM) students by Dr. Pallavi Chopde on 26th August 2014. The topic was 'Goal Setting'.
- A Class Seminar was conducted for B. A. II students of English Literature on 28th August 2014 by Dr. Pallavi Chopde. Prose Passages for Practical Criticism were chosen from the prescribed text.
- Unit Test I was conducted in the various classes by respective teachers.

SEPTEMBER:

- Ms Priti Singh conducted Class Seminars

for B. Sc. I classes on 'Poetry Recitation' & 'Story Telling' on 8th September 2014.

- Value Education Lectures for B. Com. II (MM) & B. A. II (ELT) students were conducted by Dr Pallavi Chopde on 'Attitude' & 'Self Efficacy'. Dates: 15th & 17th September 2014.
- Inauguration of 'English Literary Association' (ELA) by Dr Akhilesh Peshwe, HOD, Dept. of English, R. S. Mundle Dharampeth College of Arts & Commerce College, Nagpur. He delivered a lecture on 'Studying English Language & Literature'. Date: 26th September 2014.

OCTOBER:

- Unit Test II conducted in all classes.
- Dr Shailesh Bahadure participated in the Vidarbha Level Meet of National Federation for the Blind – Vidarbha Chapter on 18th October 2014. 30 students from Arts & Commerce Faculties participated as volunteers in the programme for various support services to the members of the Federation. These volunteers were given Certificates of Appreciation in a Ceremony specially arranged to applaud the students for their kind help. Shri Rewaramji Tembhurnikar, Secretary of NFBM, Dr. Gautam Kamble, Dr. Avinash Fulzele and Ms. Vidya Chaurpagar gave away the certificates.
- Class Presentations & Tests were conducted for M.A. Semester I students by Dr. Pallavi Chopde. Paper: Indian Writing in English (I). Date 28th October 2014.
- The students of M. A. Sem I were shown the film: DANCE LIKE A MAN directed by Pamela Rooks & Mahesh Dattani as part of syllabus related activity. It was conducted

by Dr Pallavi Chopde on 31st October 2014.

NOVEMBER:

- Members of the English Department conducted classes in Communicative English for UNNATI daily throughout this month.
- Class Seminars were conducted by Mrs. Darshika Patil on 'Essays' for M. A. Sem III Students during the last week.

DECEMBER:

- An Essay Writing Competition for B. Com. I (EM) students was conducted on 9th December 2014 by Dr. Pallavi Chopde.

Topics :

Mobile Phones: A Blessing or Curse

Value of Sports & Games

Problems of the Indian Farmer

Child Labour

Prize Winners :

Sayali P Mahalle

Samruddhi A Alnewar

Rahul C P Gautam

- Spelling Test & Calligraphy Competition for B.Com. I (EM) students were conducted on 10th December 2014.

Prize Winners (Spelling) :

Aarti Jadhav

Sakshi R Agrawal

Renuka B Singhsarwar

Prize Winners (Calligraphy) :

Purnima R Puglia

Astha U Pathak

Twinkle A Buchunde

- **Essay Competition** : An Essay Writing

Competition was organised for the students of B.A. and B.Com. (MM) students on 25 December 2015. There were 46 students as participants for the competition. Only original essays were considered for the competition. Previously published essays were therefore excluded. The length of essay was instructed to be at least in 1000 words. Scoring of the essay was determined as: Content – Originality: 65 %; Clarity: 15 %; Structure: 10 %; Overall impression: 10%.

Topics :

Terrorism: A Big Menace

Higher Education in India

Social Media

Status of Women in India

The Changing Political Scenario

Technology, Pollution and Environmental Balance

Winners :

Mr. Krunal Gadekar, B. Com. III

Miss. Kirti Tekam, B. A. III

Mr. Sharad Gavali, B. A. I

- A Class Seminar was conducted by Mrs. Darshika Patil for B. A. III on 'Poetry Reading & Recitation' on 27th December 2014.
- Members of the department conducted classes in 'Communicative English' for students of UNNATI.
- Unit Test III was conducted in all classes.

JANUARY:

- Seven Day Certificate Course in Communication Skills in English
- A Seven Day Certificate Course in

Communication Skills in English was conducted successfully this session. The certificate course was designed keeping in mind the relevance of need in communication in English. The course was conducted during 29 December 2014 to 05th January 2015. It included specialised lecture on Listening, Speaking, Reading and Writing skills in English. There were 64 students from all the faculties, i.e. Arts, Commerce and Science undergraduates. In support of oral lectures and presentations, students were also given video lectures based on a particular skill so as to ensure an audio-visual teaching-learning environment.

All the presentations for seven days were made by Dr. Shailesh Bahadure, Assistant Professor, Department of English.

At the end of the course, Certificate Distribution Ceremony was conducted where students were also asked for feedback and requirements to groom their communication skills. Dr. Mrs. Pallavi Chopde, Head, Deptt of English and Prof. Pankaj V. Nimbalkar, Head, Deptt of Computer Science gave away the certificates to the participants.

▪ **Special Classes: Language Laboratory**

Taking into consideration the content of the syllabus prescribed for B.A. III and the need to make students proficient in using electronic communication, special lectures were held in language laboratory. Students of final year (Arts Faculty) and first year (Commerce Faculty) were provided facility in language laboratory. The software Clarity-Snet installed in the laboratory was also used for some modules on writing.

Students were actually given assignments and asked to attempt accordingly. These sessions had multiple advantage for them to learn and operate computer and software as well as real-time experience in writing e-mails.

- Members of the department participated

in the 'Initiation Process with Atmadeepam Society for the Blind' with NSS. The department also formed (8th January 2015) a 'Readers & Writers Club' for helping disabled students to read & write for University & Competitive examinations. The Chief Guest was Ms. Jidnyasa Kubde. There were 60 blind students from DACN & other Colleges. Able students registered themselves as members of 'Readers & Writers Club' of DACN.

- Unit Test IV was conducted in all classes.

FEBRUARY:

- Dr. Pallavi Chopde worked as Supervisor for Preliminary Examinations (Arts Faculty). Dates 12th to 21st February 2015. Members of the department were involved in Invigilation Work.
- Evaluation of Preliminary Exam Papers.
- **Placement Assistance**

Students from Arts and Commerce faculty were taken by Dr. Shailesh Bahadure to a Placement Fair on 28 February 2015. It was organised by Yashoda Girls' Arts and Commerce College, Snehnagar, Nagpur. In all 22 students from the college attended the test and interview. The Hexaware Technologies, MIHAN was the recruiting firm. Mr. Hemant Mudliyar,

HR Manager of the company arranged the special programme for students of Arts and Commerce faculty. There were students from 12 colleges in the city. Students offering English Literature as optional subject were interviewed separately as the company was in need of personnel for voice-based jobs.

- Members of the department compiled Records of Unit Tests, Attendance and Sessional Exams as Class Teachers:
B. A. I (A) Dr. Pallavi Chopde
B. A. I (B) Dr. Shailesh Bahadure

MARCH:

Classroom Seminars were conducted by Dr. Pallavi Chopde for M. A. Sem IV- Paper: Victorian & 20th Century Poetry on 16th March 2015.

Classroom Presentations were conducted by Dr. Pallavi Chopde for M. A. Sem II- Paper: Indian Writing in English II on 18th March 2015.

APRIL:

Certificate Course on Writing Skills & Drafting

Target Group: B. A. I

Resource Person: Dr. Unnati Datar, R. S. Mundle Dharampeth Arts and Commerce College, Nagpur.

Duration: 25-30 April 2015.

Department of Commerce

The academic activity for the session started on 15th June, 2014.

Induction Programme Session : In the first term of the academic session a Induction Programme was organized on 1st September, 2014 at 9.00 a.m. for B.Com. Part-I English Medium students. Dr. Ravi Rao, faculty member of Commerce Department introduced the college and informed the students about the various activities being conducted throughout the session by the Department of Commerce. Moreover Dr. V. M. Chopde highlighted the importance of Commerce Education and Career Building. He opined that, while doing graduation in Commerce, students must go in for other professional courses like C.A. (Foundation) I.C.W.A., C.S., Computer courses etc. Apart from this Dr. Ravi Rao acquainted the students about the post graduation courses such as M.Com. (English and Marathi) M.A. in Economics, Marathi, English, M.B.A., L.L.B. three years course Computer courses and M.C.M. available in our institution. All the faculty members were prominently present for the session. Dr. A.N. Paunekar proposed the vote of thanks.

Freshers' Day Celebration : On 11th September, 2014, a Freshers' Day was organized by the students of second year and final year of Commerce who welcomed the students admitted in B.Com. I. The function was held to welcome the new comers and acquaint them with the institution, its history and tradition and the facilities available in the college. The senior students expressed their views about the institution and teaching staff. They shared their

experiences with the new students. The proceedings were conducted by Dr. Ravi Rao.

Extra-curricular Activities

1. Essay Writing Competition on 12th September, 2014
Topics were: (a) People's Movements-A Strategy for curbing corruption, (b) Role of Stock Exchange, (c) Protection of Environment, (d) The need for building capacities in the Corporate World.
2. Guest Lecture on "Commerce Graduation – A Successful Career" on 13th September, 2014 by Dr. Rajiv Ashtikar, R. S. Mundle Dhrampeth College Nagpur.
3. Another Guest Lecture on "Body Language & Personality Development" on 5th December, 2014 by Dr. Sanjay Kavishwar, Tirpude College of Management, Nagpur.
4. Extempore Oration Competition on 21st September, 2014.
5. Debate Competition on 25th September, 2014.
6. Solo-Singing Competition on 28th September, 2014.
7. Rangoli Competition was conducted on 8th October, 2014.
8. Quiz Contest was organized for Commerce students on 13th December, 2014.
9. Farewell function to B. Com. Final Students was organized on 15th March, 2015.

Department of Physics

Inauguration & Installation of Physics

Society : Inauguration & Installation ceremony of Physics Society was organized by Department of Physics on 25 th Sept. 2015 at college auditorium. The chief guest of the ceremony was Shri. Akhilesh Yadav, Assistant Commissioner, Department of Income –Tax, Nagpur, who led the proceedings of the ceremony by garlanding the portraits of Lord Gautam Buddha and P.P. Dr. Babasaheb Ambedkar and by lighting the lamp. Dr. Mrs. S. M. Naranje, Head, Department of Physics addressed the gathering with her motivational words. Then installation ceremony took place wherein Ms. Ashwini Gaiki (President), Master Thameswar Ingole (Vice –president) and Ms. Isha Damke (Secretary) were elected, which was followed by the release of the Department's magazine "VIBGYOR" at the hands of the chief guest. As it has been a tradition of the Physics Society to encourage the hard working students, therefore this year Mr. Vinay Bhalekar was felicitated as the best student of the Department of Physics for the session 2013-2014. To enthral the audience Ms. Sachi Bodh told some amazing facts about Physics. In the honour of Physicists who received the Nobel Prize, Mr. Shankar Rao & Mr. Suraj Kakde narrated their names for their inventions. The formal introduction of the guest was given by Ms. Isha Damke which was followed by the address of the chief guest in which he gave the mantra "PHYSICAL STATUS & MENTAL STATUS". The program was organized successfully under the able guidance of the teacher-in-charge Dr. Mrs. L. S. Bhagat. The event became successful because of the joint efforts of Dr. K.G. Rewatkar, Dr. A. N. Wazalwar, Shri. N S. Meshram, Shri. V. M Choudhari, Shital Kurve, Shri. C.S. Hedao , Maya Gaidhane and student volunteers. The

program was conducted by Ms Surabhi Chakraborty and Ms Simran Gupta. Vote of thanks was proposed by Ms Isha Damke.

Faculty Development Program : A faculty Development Program was organized by the Department of Physics Dr. Ambedkar College, Deekshabhoomi, Nagpur on 10th January 2015 at 11.00 a.m. in Nano-Science Laboratory. Dr. Milind Deshpande, Head, Department of Physics, Anand Niketan College, Warora & Chairman Board of Studies in Physics, Gondwana University was the guest speaker for the occasion. He delivered the lecture on the software 'MAPLE'. The software is useful from both teaching as well as research point of view for the faculty members. It was an interdisciplinary program where in faculty members from various departments Physics, Computer Science, Mathematics, Zoology etc. attended the program and benefited with the knowledge imparted. The lecture was interactive & widely appreciated. The program was well coordinated by the joint efforts of Dr.(Mrs.) S. M. Naranje, (HOD), Dr. K. G. Rewatkar, Dr.(Mrs.) A. N. Wazalwar & Shri. N. S. Meshram. The program was also attended by research students & P.G. Students of the college.

Intercollegiate Physics Quiz Competition "PHYSI-QUEST" : An intercollegiate physics Quiz competition 'Physi-Quest' was hosted by Department of Physics of Dr. Ambedkar College, Deekshabhoomi, Nagpur on 27th February 2015. Nine teams from various colleges affiliated to RTM Nagpur University, Nagpur participated in the event. The teams were from L.A.D. college Nagpur, S.K. Porwal College Kamptee, Shri. M.M. Science College Nagpur, J.N. Science College Wadi,

Dharampeth M.P. Deo Memorial Science College, Nagpur, Hislop College, Nagpur. and Dr. Ambedkar College, Deekshabhoomi, Nagpur. Elimination rounds were played consisting of multiple choice question round and the buzzer round. Based on the basis of maximum points, four teams were selected for final round. Those include Sindhu Mahavidyalay Nagpur, V.M.V. Science College Nagpur, J.N. Science College, Wadi and Dr. Ambedkar College, Nagpur. The rounds comprised of multiple choice questions round, Buzzer round, Rapid fire round and visual round.

Sindhu Mahavidyalaya, Nagpur, bagged the first prize (Winner) and was awarded with trophy along with cash prize of Rs. 1001/-. Dr. Ambedkar College, Deekshabhoomi, Nagpur bagged second prize (runner-up) and awarded with a cash prize of Rs. 601/-.

The program was inaugurated at the hands of Dr. (Mrs.) K. M. Reddy (Director of College Development), Dr. S. M. Naranje welcomed the guest and delivered welcome address. Dr. Arun Joseph shared the dais.

Prof. M. K. Banerjee (Head, Department of Physics, Hislop College, Nagpur) was the special guest for the prize distribution function. Prizes and certificates have been given to the participants at the hands of the guest. Dr. Arun Joseph was prominently present during the program. Prof. Anjali Badar and Prof. Jitesh Tripathi were the Judges for the quiz.

The entire program was conducted by Dr. (Mrs.) A. N. Wazalwar. The event was put together by joint efforts of Dr. L. S. Bhagat, Shri. N.S. Meshram, Shri. Naresh Sarkar, Shri. Vinod Choudhari, Shri. C. S. Hedao, Ms. Shital Kurve, Manjusha Shende, Maya Gaidhane and students volunteers.

The quiz was a great success being attended by a large audience. The students

thoroughly enjoyed the audience questions and funny questions being asked to them.

Principal Dr. P. C. Pawar congratulated the winners and participants for their active participation and success.

World Meteorological Day Celebration : World Meteorological Day (WMD) is celebrated every year on 23rd March to remember the World Meteorological Organizations establishment on that date in 1950. The theme of World Meteorological Day-2015 is "Climate Knowledge for Climate Action". With this theme 'World Meteorological Day' was celebrated in the college by Department of Physics on 23 rd March 2015. On this occasion, a guest lecture on the Topic "Innovation in strategic knowledge for climate change" by Dr. Anirban Middey (Scientist, NEERI, Nagpur) was organised. He explained efficiently and scientifically the basic knowledge of climate and its changes. Students benefited with this knowledge and they enjoyed the talk.

The program was followed by Essay writing competition on the topic "Climate knowledge for Sustainable Development". Dr. P. T. Humne (Head, Department of Botany, M.P. Deo Memorial Dharampeth Science College, Nagpur) judged the essays.

The program was concluded with the valedictory function wherein the prizes and certificates were given to the winner students of essay competition at the hands of guest. Mr. Rajat P. Gupta (B.Sc. I) won 1st prize. Principal Dr. P. C. Pawar congratulated the participant students and delivered motivational address.

The program was coordinated by Dr. L. S. Bhagat and Shri. Subhash Somkuwar. The program was compered by Ms Surabhi Chakraborti and votes of thanks was proposed by Dr. L. S. Bhagat. The event became successful because of cooperation of staff members of the

department and student volunteers.

Educational Visit : An educational visit has been organised by Department of Physics on 23 rd March 2015 on the eve of World Meteorological day celebration at Regional Meteorological department, Airport, Nagpur. Students have enjoyed and got benefited with the knowledge of climate, various instruments used for measuring climate parameters, working of RADAR etc. Large number of students were present for the visit.

National conference on “Nanotechnology for sustainable Development” : UGC sponsored National conference on “Nanotechnology for sustainable Development” was organised on 23rd February 2015. The conference was inaugurated at the hands of Dr. Amit Majumdar, Regional Director, Atomic Mineral Division, DAE, Government of India. Prof. N. Rajesh, BITS Pilani, Hyderabad Campus, delivered the keynote address. Prof. C.S. Prakash, Bangalore and Dr. Naveen Shimpi, Mumbai University, delivered invited talks on conference theme. Honorable Shri. S. J. Fulzelesaheb, Secretary of P. P. Dr. Babasaheb Ambedkar Smarak Samiti, presided over the function.

Proud achievements of students

1. Ms. Gurpreet Kaur Tarsem Saini secured 3rd position in the merit list of B.Sc. Final Examination of summer-2013 conducted by R.T.M. Nagpur University, Nagpur.
2. Ms. Manjiri M. Dhawade secured 8th position in the merit list of B.Sc. Final

Examination of summer-2013 conducted by R.T.M. Nagpur University, Nagpur.

3. The team including Mr. Rajat Gupta (B.Sc.I), Mr. Savan kanoje (B. Sc. II) and Ms. Ashwini Gaiki (B.Sc. II) won 2nd prize (runner-up) in Intercollegiate Physics Quiz Competition organised by the Department.
4. Mr. Rajat P. Gupta (B.Sc. I) won 1 st prize in Essay competition on the Topic “Climate knowledge for sustainable development” organised by the Department on the eve of World Meteorological Day Celebration.

Staff Achievements :

- ★ Dr. K. G. Rewatkar is recipient of Dr. R. Krishnakumar National Award for Physics instituted by Mahatma Fule Talent Research Academy (International).
- ★ Under the guidance of Dr. K. G. Rewatkar, nine students have been awarded Ph.D. degree in Physics by RTM Nagpur University, Nagpur.
- ★ Four books (Vol.- I, II) for B. Sc.-I, II were authored by Dr. K. G. Rewatkar.
- ★ Two major Research Projects have been sanctioned by DAE/DST/UGC .
- ★ Five research papers have been presented by the faculty in National conferences
- ★ 35 research papers have been published by the faculty in national/ international journals.
- ★ 10 National/International conferences have been attended by the faculty .

Department of Chemistry

Welcome Program for B.Sc. I sem students : The Head of the Department, Dr. Mrs. D. Y. Panhekar gave a welcome address to B.Sc. I sem on 18/08/2014. She explained the academic structure of the department and the various activities the department will organize for students development in the session. Importance of Chemistry and various opportunities offered by the subject were explained.

Aptitude test : Aptitude test was conducted in the Department of Chemistry for B.Sc. Part-I sem students on 18/08/ 2014 with the objective to assess students' basic knowledge in Chemistry. Questionnaire was designed and evaluated by Head, Dr. Mrs. D. Y. Panhekar, Mr. N. G. Telkapalliwar and Dr. V. M. Shivankar.

Quiz Contest on "Chemistry" : Chemical Society of Department of Chemistry organized quiz on "Chemistry" for the students of Dr. Ambedkar College. Overall five rounds of questionnaire were conducted for B.Sc. III year students Mr. SawanKanoje and Mr. Ashish Zade were declared as winners. Dr. Deepa Panhekar welcomed the participants. Dr. P. O. Kharat, Principal, Dr. Ambedkar College motivated the students on this occasion and gave away prizes. Chemical society members Ms. Prajakta Ogare, Mr. Anupam Karangale & Ms. Surbhi Sambre conducted the quiz rounds. This educative and informative programme was attended by teaching, non-teaching members of Department of Chemistry and students of Dr. Ambedkar College. Ms. Priya Ramteke, President, Chemical Society, Mr. Vikas Bobde, Secretary, Mr. Sarvesh Pande, Joint Secretary and members Mr. Aditya Bhagwat, Mr. Muneshwar Nandeshwar, Mr. Shubham Bansal,

Mr. Rohit Bisen, Ms. Pallavi Raut, Ms. Payal Dorkhande & Ms. Swati Masram worked hard for the success of the programme. Vote of thanks was proposed by Mr. Siddhant Hatagale.

Educational Visit : An educational visit to Atomic Minerals Directorate for Exploration and Research, Department of Atomic Energy, Government of India, Nagpur was organized on 23rd September 2014 for M.Sc. students of Department of Chemistry. The visit was co-ordinated by Prof. N. G. Telkapalliwar. Total 35 students of M. Sc. (Sem- I & III) participated in the educational visit. Dr. Amit Majumdar, Regional Director gave a power-point presentation on Nuclear Energy-Clean Energy. He also explained the various research activities of the institute on exploration of atomic minerals, clean, efficient, environmentally friendly nuclear energy and power. The students were given access to various laboratories like Chemistry, Physics and XRF laboratories. Dr. A. A. Patwardhan, Dr. Pravin Sharma, Dr. H. N. Singh and Dr. V. K. Verma explained the various methods and physico-chemical analysis of atomic minerals and detection of radioactive materials by atomic absorption spectrophotometer (AAS), ICP-OES, Fluorimetry, XRF, etc. The students were accompanied by Prof. N. G. Telkapalliwar, Dr. V. M. Shivankar, Dr. B. B. Shende and Mr. Shridhar Satpute.

Industrial visit : Industrial visit was organised for the students of Department of Chemistry to BILT Graphysics Paper Private Ltd, Ballarpur Unit, Dist. Chandrapur on 20th March 2015. Officials of the company welcomed the students in the conference room. Tour coordinator Dr. Mrs. Dhanashri Borikar introduced students to the DGM, R&D, Mr.

Bhushan Awate, who gave a detailed power-point presentation explaining the treatment of the raw material, chemical treatment of the raw material, preparation of the pulp from wood and bamboo, making of the paper of the desired gsm, quality control measures done in the R&D laboratories of the company and finally the treatment of the effluents released during the complete procedure and the marketing of the final product. Mr. C. M. Naik, Manager, Clo2 Chemical Treatment plant, explained the historical background of the invention of the paper from wood. Mr. Shrinivasan accompanied the students and explained the working of the highly sophisticated paper machine PM7.

Inter Collegiate Seminar Competition : Mr. Jitesh Rahangdale and Mr. Abhishek Petkar, students of B.Sc. final participated in Inter collegiate seminar competition of Chemistry held at VMV Commerce, JMT Art & JJP Science college, Nagpur on 27th September 2014.

Ms. Geetanjali Pardhi and Ms. Devyani Ingle, participated in Inter collegiate seminar competition of Chemistry held at Porwal College, Kamptee .

Certificate Course on "WATER QUALITY ANALYSIS" : Department of Chemistry of Dr. Ambedkar College, Deekshabhoomi, Nagpur, organized a one week certificate course on "WATER QUALITY ANALYSIS" during 12to 17 January 2015, inaugurated by Dr. S. R. Thakare, Associate Professor, Chemistry Department of Institute of Science, Nagpur. Dr. V M Shivankar was Coordinator. Presidential address was given by Dr. P. O. Kharat, Principal of the College.

Eighty students from B. Sc. Final and M.Sc. Chemistry participated in the Certificate Course. Dr. Mrs. Panhekar, Prof. N. G. Telakapaliwar and Dr. Mrs. D. M. Borikar were present in the event. Non-teaching faculty members Mr. Manoj Neralwar, Mr. Chavan, Mr.

Ram Ghode, Mr. Avinash Dhopte, Mr. S. K. Vyavahare, Mr. Anil and Mr. U. D. Patil extended their co-operation in this event.

Dr. Mrs. K. M. Reddy, Director of institution congratulated the organizers of the course.

In this Seven days' Certificate Course, water samples from different parts of Vidarbha region were collected and various physico-chemical parameters determined. On the basis of actual reading obtained, these were compared with the standard values.

Water quality of each water sample were checked and decide whether such water samples are suitable for drinking purposes.

Mr. Abhishek Petkar, conducted the proceedings of the Inaugural Programme while vote of thanks was proposed by Ms. Punyesha.

Workshop on communication skills : One day workshop on communication skills was organised for the students of Department of Chemistry, Dr Ambedkar College, on 24th September 2014. Mrs. Darshika Patil, Head of the Department of English, was the guest faculty for the programme. She stressed on the importance of language in the university students life and guided them to prepare for the future challenges in their academic as well as corporate life. Principal Dr. Mrs K M Reddy lauded the efforts of the guest faculty and the organizers on the occasion. Coordinator, Dr. Mrs. Dhanashri Borikar conducted the proceedings of the workshop. Ms. Nidhi Singh introduced the guest faculty and Anushree Peshkar proposed a vote of thanks.

Class Seminar : Students of B. Sc. Sem I, delivered Class Seminars on the topic Catalysis, under the guidance of Dr. Mrs. D. M. Borikar, Mr Akshay Taywade spoke on Introduction of catalysts. Mr Shantanu Ghodkhande gave seminar on Types of catalysts. Ms Olivia Das

delivered seminar on Enzyme catalysis and Ms Sharmishtha Dasgupta talked on the topic Applications of catalysts.

Activities of Post Graduate Department

Guest Lecture : Post Graduate Department of chemistry organized a Guest Lecture series on "Inorganic Chemistry for M.Sc. students. Dr. K. P. Kariya, Associate Professor, Department of chemistry, V.M.V. College, Nagpur was the guest speaker.

Intercollegiate Competition : Ms. Rashmi Bhute (M.Sc. Sem-I) participated in intercollegiate competition at Hislop College, Nagpur under the guidance of Prof. N. G. Telkapalliwar.

Ms. Priya Ramteke and Ms Kiran Dafare students of M. Sc. II, won second prize in the Poster Presentation competition on Science for Healthcare held on 14th March 2015 as a part of National Seminar on Science for national Development (SND- 2015) organized by the Department of Applied Physics, VNIT Nagpur, under the able guidance of Dr Mrs D M Borikar.

Class Seminars : Class seminars were organized for M. Sc. I and M. Sc. II students under the supervision of various contributory faculty members on every second and fourth Saturday and co-ordinated by Prof. N. G. Telkapalliwar. All students of M. Sc. I and M. Sc. II gave seminars on various topics from University syllabus.

Paper / Poster Presentations :

★ Dr. Mrs. D. Panhekar

1. Poster presented on title "Activated tree bark as an adsorbent for heavy water removal : study through isotherm analysis" at UGC sponsored National Conference on Sustainable Chemistry: Frontiers and Challenges: NCSC-2015" organized by BrijlalBiyani Science College,

Amravati on 30 & 30st January 2015.

2. Poster presented on title "Adsorption studies of Pb(II) ions by using modified Bengal gram husk (Ciceraritinum) : Thermodynamics and kinetics" at UGC sponsored National Conference on Sustainable Chemistry: Frontiers and Challenges: NCSC-2015" organized by BrijlalBiyani Science College, Amravati on 30 & 30st January 2015.

★ Prof. N. G. Telkapalliwar-

1. Oral presentation on 'Removal of Fluoride from aqueous solution by using natural bioadsorbent" at National Conference on "Environmental Conservation and Clean India Programme" on 07th December 2014 organised by MANU-International Council for Man and Nature in collaboration with UGC-Academic Staff College, Kumaun University, Nainital

★ Dr. Mrs. D. M. Borikar

1. Presented Oral Paper on "Synthesis and Characterization of Cu-Cr Nanoferrite using Microwave Auto Combustion Technique", at 1st International Congress on "Science & Technology For Society, with a theme Sustainable Biodiversity Conservation Through Technological And Social Approaches", organised by IIRBAT, Publication of VMS, Nagpur, MS, India, on May 23rd, 24th&25th, 2014 at Bangkok, Thailand.
2. Presented Oral Paper on "Structural and Electrical Characterization of Chromium Substituted copper spinel ferrite" in UGC, DST, CSIR, BRNS, DRDO sponsored International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciencess (ICFM-2015), jointly organised by PGTD Chemistry RTMNU, SK Porwal College, Kamptee and Institute of

Forensic science Nagpur under the auspices of Indian Association of Solid State Chemists and Allied Scientists (ISCAS), on 5th- 7th February 2015.

3. Presented Oral Paper on the topic, "Morphological, Electrical and Dielectric Characterization of Aluminium Substituted Nickel Spinel Nanoferrite" in UGC sponsored National conference on "Nanoscience for Sustainable Development" (NCNSD-2015) organised by Department of Nanoscience and Nanotechnology, Dr. Ambedkar College on 23rd February 2015.
4. Presented Poster on "Structural and Magnetic Characterization of Cr⁺³ substituted copper nano spinel ferrite" in UGC sponsored National Conference on "Impact of Human Action on Environment" (NCIHAE-2015), organised by Department of Chemistry, Science College, Pauni on 28th February 2015.
5. Presented Poster on "Use of Glycine Max bark substrate for the sorption of Pb(II) from Industrial waste water" in National Seminar on "Science for National Development" SND-2015 organised by VNIT and Maharashtra Academy of Sciences, Nagpur chapter on 14th-15th March 2015.

★ Dr. V. M. Shivankar

1. Presented poster on 'Trace elements determination by Atomic absorption spectrophotometer from different soil samples of Bhandara District, Maharashtra on 5th, 6th & 7th February 2015 organized by PGTD of Chemistry campus RTM Nagpur university.

Dr. Mrs. D. M. Borikar organized and Worked as the co- convener for the UGC Sponsored National Conference on "Nanoscience for Sustainable

Development"(NCNSD2015) by the Dept of Nanoscience and Nanotechnology on 23rd February 2015.

Farewell to Prof S M Shende and Prof. V M Puram : Department of Chemistry organized a farewell programme for Prof S M Shende, Head, Department of chemistry and Prof V M Puram on 30/06 2014. Principal Dr Mrs K M Reddy presided over the function. Prof S M Shende and Prof V M Puram shared their thoughts and feelings on the occasion. Dr K M Reddy, Dr Deepa Panhekar & M B Ghode spoke on the occasion. Programme was conducted by Mr V B Varangaonkar Vice Principal, Junior college. Vote of thanks was given by Dr V M Shivankar. Programme was attended by all the teaching and non teaching staff members of the Department. Retired staff member Mr. Waghmare also attended the programme.

The Department organized a farewell function on 25/11/2014 for Prof V B Varangaonkar, Vice principal, junior college on the occasion of his superannuation. Programme was presided over by Principal, Dr P O Kharat. Prof. V. B. Varangaonkar shared his thoughts on the occasion. Head, Dr Mrs Deepa Panhekar, Ex Head Prof S M Shende, M B Ghode spoke on the occasion. Programme was attended by and teaching & nonteaching staff members of the department.

Workshop for Technical Staff of the Department : The Department of Chemistry organized a one day workshop for non-teaching staff on 'Standardization and handling of Conductometer and Potentiometer on 17/09/2014 in the Chemistry laboratory. The Head of the Department, Dr. Mrs. Deepa Panhekar, Prof. N. G. Telkapalliwar and Dr. V. M. Shivankar explained the methods and techniques for standardization and handling of instruments used during Chemistry practicals to the technical staff of the department

Alumni student interaction : Under alumni student interaction, Mr Kartik S Renalson, Scientist, Dr Reddys Laboratory, Hyderabad and a passout of M.Sc. Chemistry 2007 batch interacted with students of UG and PG on 4/02/15.

Information was provided regarding various Departments' research and development, Departments of Pharma companies. Mr Renalson showed a powerpoint presentation on research activity in India which included information about 30 research organisations. Interaction was organised by Dr (Mrs) Deepa Panhekar, Head, Dept. of Chemistry. Ms Priya Ramteke, Secretary, Chemical Society proposed the vote of thanks.

Guest lecture : A guest lecture was organised for undergraduate and postgraduate Chemistry students to provide information on patents and research papers on 3/03/15. Mr Ganesh Mahale, Scientist, IPCA laboratory, Mumbai was the guest speaker.

Different aspects of intellectual property right like copyright, trademark, geographical indication, patent and research article, difference between patented drug and generic drug was explained in detail. He emphasized that young researchers are an important part of pharma research as they think innovatively and are willing to do hard work. Dr (Mrs) Deepa Panhekar introduced the guest.

Career guidance programme : The Chemical Society, Dr Ambedkar College, Deekshabhoomi organized a career guidance programme for the B.Sc. & M.Sc. students on

18/03/2015. Guest speaker was renowned career counselor Ms Poonam Menaria. Mrs Menaria told students to keep their interests in mind before choosing particular line. She gave suggestions like forming small groups and visiting industries to know how industries work. She also provided internet sites which gives information about various entrance examinations.

Principal Dr. P. C. Pawar congratulated the Chemical Society members for organizing the programme. Lecture was followed by question answer session. Programme was attended by B Sc & M Sc students in large numbers. Dr Mrs Deepa Panhekar, Dr V M Shivankar, Prof. N G Telkapalliwari, Dr Mrs D M Borikar attended the programme. Programme was conducted by Mr Vikas Bobde, Secretary, Chemical Society and vote of thanks was proposed by Ms Surbhi Sambre, member, Chemical Society.

World water day : The Department of Chemistry celebrated World Water Day on 22nd March by organizing a guest lecture. Guest speaker was Dr N G Patil, Principal Scientist, NBSS-LUP. Through power point slides Dr Patil explained to students the critical importance of saving water. How water usage can be reduced in agriculture by use of modern techniques like polythene house, crop rotation system, sprinkler system etc was briefed upon. Information was given about ratio of availability of water in different countries with relation to population. How scarcity of water is reduced by rain water harvesting was also explained. All teaching and non teaching faculty members attended the programme.

Department of Electronics

Fresher`s Day : A Fresher`s Day program was organized by the Department of Electronics, Dr. Ambedkar College, Nagpur. The program was held on 18th September 2014, Day Thursday in the college Auditorium at 11:00 am to 03:00 pm. Dr. P. O Kharat, Principal of the college presided over the function. The program started by the floral welcome of teachers and freshers which was performed by Jyoti Mishra, Rajeshree Malewar, Pratiksha Dixit and all the students of B.Sc Final Year.

This Program is conducted to have an interaction between seniors and juniors so that juniors can ask for any help regarding studies from their senior and even to send a message to everyone that "Ragging is Strictly Prohibited". The crowd was awesome this year and seniors found no difficulty in conducting the program in a superb way. The program was started by warm welcome of Prof. V. S. Pawar, Head Dept of Electronics and Prof. N. V. Shivarkar.

Prof. V. S. Pawar guided the students to be ideal students by explaining a short story and students would have got a message that they should behave properly in the college and attend classes regularly. Now it was time for the events to take place. Many events like Mrs. And Miss Fresher. There were 15 students who participated in Ramp Walk and Introduction and Singing, Dancing.

The program ended with the vote of thanks by Rajat Wadibhasme and Arpit Dhawane.

Aptitude Test : At the time of admissions the students were tested for their interest and aptitude test was conducted on 23rd Aug 2014 for the B.Sc Sem- I students. The main objective of the aptitude test was to identify weak

students and to check out extra teaching program for them.

Electronics Excellence Examination (EEE): The Department of Electronics conducted Electronics Excellence Examination on 20th October 2014 for the B.Sc. Sem-I and Sem-III for the internal marks of the winter university Examination 2014. All the students participated and were successful the students scored highest marks in the Examination.

Students` Seminar : The Department of Electronics conducted students` seminar of B.Sc Part-I, II and Final year on 16th September 2014 in their classroom. The students spoke on various topics related to their subject in the presence of the teaching staff and students.

They explained the following seminar topics which were allotted to the Students.

1. Ku. Anchal D. Bagde a student of B.Sc Final spoke on first and second compliments
2. Ku. Rajeshree Malewar a student of B.Sc Final spoke on ALU
3. Ku. Shruti V. Purohit a student of B.Sc Final spoke on file management in c programming
4. Rajat Shelke a student of B.Sc Final spoke on addition of two numbers in up.
5. Ku. Smita R. Durgade a student of B.Sc Sem-I spoke on maximum power transfer theorem
6. Sammir A. Deshmukh a student of B.Sc Sem-I spoke on basic logic gates.
7. Diwakar V. Diwedi a student of B.Sc Sem-III spoke on OP-Amp as an inverting amplifier.
8. Akshaya A. Kothare a student of B.Sc Sem-

III spoke on digital logic simulation.

Allocation of projects to B.Sc Sem-IV students : Electronics is such a branch of science in which the theoretical aspect learn in the classroom are to be applied in the field of the subject in order to encourage the students to apply electronically techniques in our day to day problems they were asked to choose a problem from the real life situation where techniques of Electronics can be applied and some result can be obtained. After the project was decided the students were given guidance about collection of Electronics material from the market and designing the circuit with help of various electronics techniques. The following project had been designed by the group of students successfully from 11th Feb to 4th March 2015.

1. Wein Bridge Oscillator by using OP-Amplifier designed by Ku. Akshaya Kothare, ku Mohini Ikhanakar, Ku. Snehlata Jaiswal & ku. Sweta Bhist.
2. Colpitts Oscillator by using OP-Amp designed by Suraj Kukade, Akshay Nagpure, Shankar Rao & Prajawal Harane.
3. Binary Ladder, D/A converter designed by Diwakar Diwedi, Prakash Rajput, Shrikant Chahande, Sitaram Rankawat.
4. LM-35 Transfer characteristic designed by ku. Bhagyashri Sahare, ku. Shivane Meshram & ku. Riya Chhabra.

Unit Test Series : The Department of Electronics conducted three unit test examination in each session corresponding to the month for the class as well as paper wise of the B.Sc I Semester to final year students and also provided home assignments.

One Week Technical Workshop : A training program for the non-teaching staff was held in the month of February 2015 they were trained in designing different experimental boards, projects, fault finding in the circuit and computer literacy program.

Department of Zoology

Guest Lecture : (September 27, 2014)

Dr. S K Goel, Principle Scientist & Head, Environmental Impact and Risk Assessment (EIRA) Division, CSIR-NEERI presented a talk on "Sustainable Development" on September 27, 2014 in the college auditorium

Mentoring as per Aptitude Test : (August 29, 2014)

The aptitude test was conducted for the first year students on August 29, 2014 in classroom no. 37 to have an idea of students' capabilities in Zoology based on the scores acquired in Aptitude Test (Poor, Average and Good). Dr DVNS Suresh looks after the question paper setting and evaluation of the papers. This score helps the staff to get to know the students who need extra mentoring to be done upon during the session. The Aptitude test is based on the school level knowledge of Biology

Co-Curricular Activities

1. Science Clip for B Sc Sem-I
September 20, 2014
2. Science Clip for B Sc Sem-III
October 03, 2014
3. Science Clip for B Sc - I
October 04, 2014

Dr DVNS Suresh display the scientific clips downloaded through internet resources related to the topics that were taught in classroom to enhance understandability and enrich knowledge in subject.

4. Classroom Seminar
September; October, 2014; March 2015 (B Sc Sem I & III Students)

Dr Meshram conducted the seminar on syllabic topics

Dr DVNS Suresh also conducted classroom seminars

Extra Curricular Activities

1. Orientation Program : (August 25, 2014)

Fresher students were made aware of the course which has been modified to Semester pattern from the regular annual pattern, the scope of the course, avenues open for the biology students.

2. Zoological Society Inauguration : (September 27, 2014)

The Zoological society was inaugurated on September 27, 2014 in the college mini Auditorium at the hands of Dr. S K Goel, Principle Scientist & Head, Environmental Impact and Risk Assessment (EIRA) Division, CSIR-NEERI and officials were appointed for the society. Shantahu Nagpure (Secretary), Amrinkaur Zade (Joint-Secretary), Kalyani (Ladies Rep), Aniket Ahir (Tour Secretary), Kajal Mukherji (First year Rep), Rishabh Patil (First year Rep) were the officials nominated.

3. Classroom Quiz : (October 11, 2014)

Dr DVNS Suresh has conducted a classroom quiz among first year students. Quiz was related to the basics in zoology.

Academic distinction by Departmental Students

Highest scorer in last RTMNU Exams

Ms Tilak Dhobale (BSc-III)

Ms Kalyani Aswale (BSc Sem II)

Mr Alhad Acharya and Ms Pradnya Venkatraman cleared GRE and TOEFL; Process

of admission is going on for University of Sheffield, UK and University of Nottingham Tert, UK

Ms Deebea Khan, Ms Renuka Padlamwar & Ms Monali Jariya selected for M Sc (Biochemistry) in PGTD-RTMNU

Ms Aditi Padlimwar selected for M Sc (Zoology) in PGTD-RTMNU

Career Counseling Session (Departmental)

October 10, 2014

December 20, 2014

February 28, 2015

January 03, 2015

Dr DVNS Suresh being the Coordinator, Career Guiding Cell conducted a Counseling session on different competitive examinations. About the companies coming to our campus or RTMNU colleges for recruitments. Also made aware of GRE and TOEFL processes. On February 28, 2014. Second year students were counseled about the entrance exams like IAS, MPSC and similar others.

Campus Selection Programs (No of students participated/selected)

Dr DVNS Suresh, Coordinator, Employment and Career Guidance cell, DACN

1. **WIPRO (Participated-16; Selected-06)** (January 07, 2015)

Venue : GH Raisonni, Nagpur

Selected Cadidates: Mr Aditya Bhagwat, Mr Tilak Dhobale, Mr Shantanu, Ms Vinita Varma, Ms Sayali Joshi and Ms Bose

2. **Corning Technologies Pune (Participated-24; Selected-03)** (August 17-18, 2014)

Venue : DACN

Selected cadidated 1.Arafat Abdul Shafik Khan; 2. Pratik Pathak & 3. Vinay Bhalekar

3. **Airtel Telecom (Participated-03; Selected-01)** (March 19, 2014)

Venue : GH Raisonni, Nagpur

Cadidate selected : Mr Swapnuil Ekonkar

4. **GADGET TOOL (Trainig program for Bank Probationary Exams)** (December 19, 2014)

For Freeship Training (Participates-72; Selected-02(freeships); 23)

Venue : Law School, DACN,

5. **TCS, Nagpur (Participated-180+; Scrutiny-40)** (February 17, 2015)

Venue : BBA, DACN

6. **INFOSYS (Participated-400+; Selected-27(08-DACN))** (April 26, 2015)

Venue : DAIMSR, DACN

Dr DVNS Suresh, Assistant Professor, Minor Research project

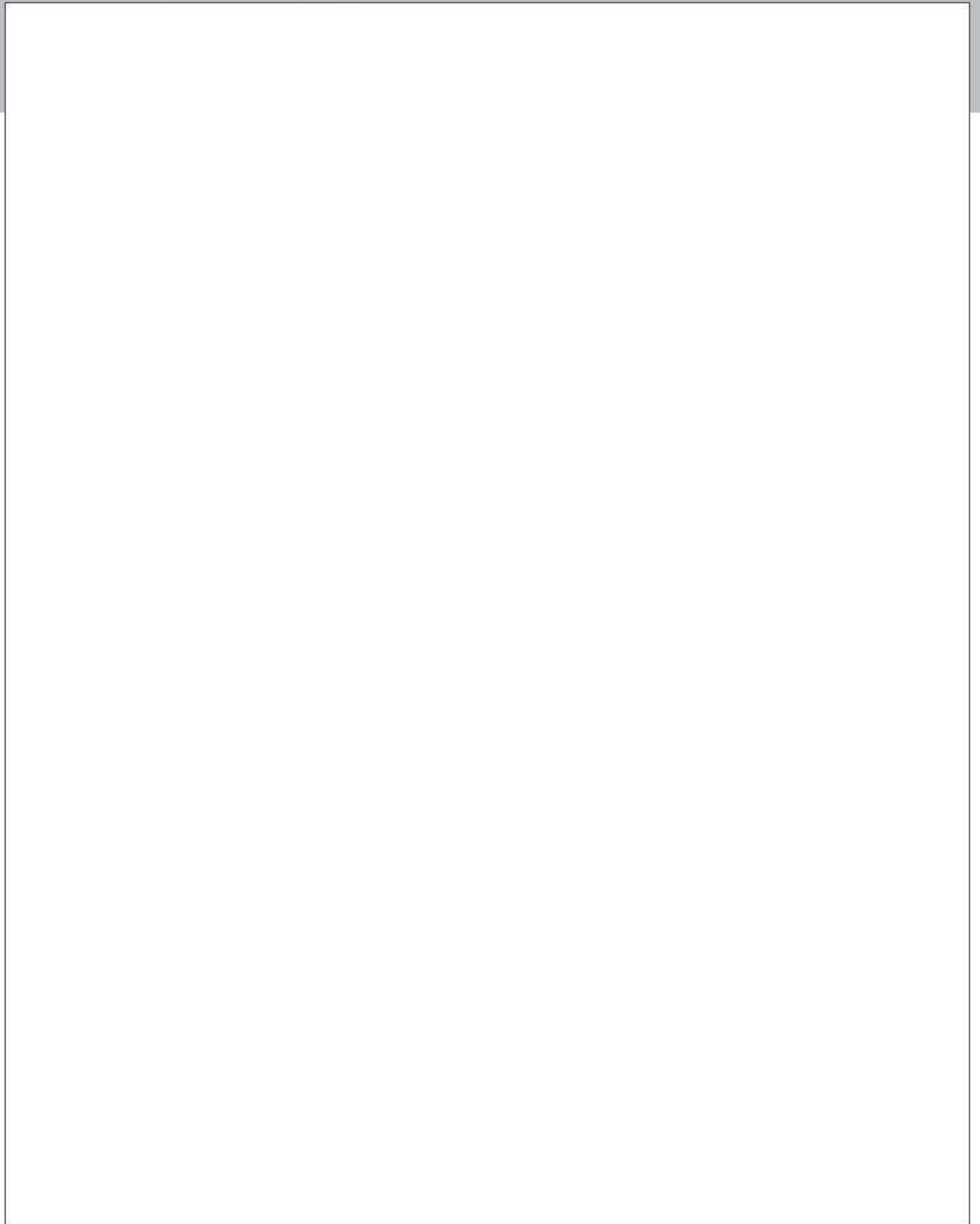
MRP approved (February 14, 2015) and sanctioned (March 30, 2015) by UGC Regional Office, Pune entitled "Truss Network Morphometric Studies of Diverse Fishes in water-bodies surrounding Nagpur" for a bidget of Rs. 3,75,000.

Paper/poster presented - Two (02)

1. Presented a poster in "The 8th Indian Symposium of Odonatology and Tropical Biodiversity" during 17-18, August 2014 at PGDoZoology, Hislop College, Nagpur entitled
2. Presented a poster in "National Seminar on Bioinformatics and Biostatistics" on March 27, 2015

Faculty acted as Resource person - Five (05)

1. Invited Lectures on "Vitellogenins and Vitellogenesis" at PGDoZoology, Hislop College, Nagpur during October 03 2014.



Department of Law

Opening Meet : The academic session of the Department of Law was started on 15th July 2014. Most of the freshers came to attend first day of their college life with DACN family. All the full time faculties including HOD, Dr. N. M. Khirale greeted and welcomed the students of LL.B Three Years' Course and BALL.B Five Years Course. Then the Principal of the college introduced all the permanent faculties to the students and stated the rules of the Department of Law prescribed for students. Basically this meeting was arranged to acquaint them with the full time faculties as well environment and culture of the Department of Law. Dr. N. M. Khirale, HOD of the Department also addressed the students in brief. All the faculties, Dr. (Mrs.) Hema Menon, Dr. (Mrs.) S. P. Kalamdhad and Dr. (Ms.) Pratima Lokhande were present on the occasion.

Opening Address : The academic session of the department of law started in the month of July 2014. In the first term of the academic session, on 19th July 2014 a welcome address was arranged. Dr. Mrs. Malati Reddy, the Principal of the college addressed the students of First Semester 3 years' course and 5 years' course. Basically this programme was organized to introduce the Principal, Faculty and the Department to the new students. Fresh students and all the staff members of the department were present at the programme.

Guest Lectures on different subjects : Guest lectures was organized for the fresher students of Three years and Five years degree programme. The programme was meant to introduce the different subjects of law, through subject experts from different colleges of Law and Bar from Nagpur, to generate interest and give them a perspective of studying law.

26th July 2014: On 26th July 2015 guest lectures were organized for the students of Three years degree course. Different expert faculties were invited and they delivered the introductory lecture in their concerned subjects. Like, Adv. Chetan Dhore, Adv. Pruthu Abhyankar etc. introduced the importance of subjects and their practical utility.

2nd Aug. 2014: On 2nd August 2015, guest lectures were organized for the students of Five Years and Three Years degree programme. Dr.(Mrs.) Suchismita Mishra, Dr. (Mrs.) Shiny Chib, Adv. Chetan Dhore, Ms. Ketaki Kane, Adv. Vishnu Gawali were the guests. All experts introduced the different subjects and oriented the students towards the importance of Law in society.

Guest lecture on 'Career Opportunities' : On 4th August 2014 a guest lecture was organized for the students of final year of three years and five years' degree programme on the topic, "Career for Law Graduates in the Corporate World". Adv Parimala Kulkarni from Delhi delivered a very fruitful talk and created enthusiasm amongst the students to choose and think about new opportunities which are knocking the doors of law graduates in the era of globalization, technological development and economic liberalization.

Fresher's Day : Fresher's Day was celebrated on 1st September 2014. This function was organized by the senior students to show the welcoming gesture to new students. The students celebrated the day with different cultural activities. Few competitions were also held for the fresh students. Faculty members and students of the Department attended the event with great enthusiasm. Principal Dr. (Mrs.) Malati Reddy was also

prominently present in the programme.

Installation Ceremony of SMCA : The installation Ceremony of the Executive Body of the Student Moot Court Association marked the beginning of the activities of the Mooting Activities of the Department on September 24th, 2014 at the hands of Adv. Arun Patil, President High Court Bar Association. A body of 15 Executive Members Headed by President, Vice-President, Secretary, Joint Secretary, Directors of Moot Courts and Moot Court Workshop along with two student Coordinators were sworn to the office of the SMCA. Dr. N. M. Khirale delivered the welcome Address and Adv. Arun Patil delivered the Installation address. Dr. (Mrs.) K. Malati Reddy delivered the presidential address. The program was coordinated by the Supervisor of the SMCA, Dr. (Mrs.) H. V. Menon and Coordinator, Dr. (Mrs.) Varsha Deshpande.

Free Legal Aid Camp : On 2nd, 3rd & 4th October 2014, free legal Aid and Literacy programme was organized during Dussehra to mark the Dhammachakra Pravartan Din at Deeksha Bhoomi by the Department. The programme is aimed at disseminating basic legal awareness and information to thousands of pilgrims who visit Deekshabhoomi on the occasion of Dhammachakra Pravartan Din. The programme was inaugurated at the auspicious hands of J.Y.C. Khobragade and J. Chandrikapure, Industrial Court Judges. Addressing the students and faculty the Hon'ble Judges focused on the importance of such Camps and appealed the Department to work on such fronts on a large scale and in a meaningful manner. They appreciated the efforts on the part of the Department. The free Legal Aid Committee of the department consisting of Dr. N. M. Khirale, Dr. (Mrs.) H. V. Menon, Dr. (Mrs.) V. V. Deshpande, Dr. (Mrs.) S. P. Kalamdhad, Dr. (Ms.) P. R. Lokhande

alongwith the visiting faculties of the department and students of three years course and five years course imparted legal education, awareness and counseling to the visitors.

Inter Class Moot court Competition: On 24th January an Inter Class Moot court Competition was organized as a prelude to the National Moot Court Competition to be held as part of Law Vision 2015. In this competition, a total of 12 teams from all the classes participated and they were ably adjudged by Adv. Bhushan Mohota, Adv. Rahul Dhande, Adv. Richa Inamdar, Adv. Prakash Tiwari and others.

In-House Client Counseling Competition: On 5th February 2015 Client Counseling Competition was organized for all the students of the Department of Law as a preparation of National Level Competition at Law Vision 2015. Eight teams from the department participated in the competition which was thoroughly enjoyed by the students with certain points for advancement. The students were guided and judged by our own visiting faculties Adv. Aditi Godbole and Adv. Sayli Surjushe and alumni of the department Adv. Chetan Dhore.

Guest lecture by Adv. Shrihari Aney: On 10th February 2015 a guest lecture by Adv. Shrihari Aney was organized by the Department of Law on the topic, "Art. 371(2) of the Indian Constitution...in reference to the Story of Vidarbha". His elite way of presentation and thorough study on the subject with his legacy enlightened the students of Law. Before his speech Dr. S. L. Deshpande, HOD of PGTD Law introduced Art. 371(2) to the students to make them understand the lecture in the true sense. Not only the teachers and students of Law but even outsiders were overwhelmingly present for the lecture.

National Event 'Law Vision 2015': The Department of Law organized 'Law Vision 2015',

a national level academic extravaganza on 12th to 15th February 2015, for 9th consecutive year, which is meant to provide a platform for budding lawyers to unfold their academic skills and cultural talents. This is a national level event wherein 14 law colleges from all across the country had participated. Competitions like Moot Court, Client Counseling, Case Comments, Essay Writing, Drafting competition and Personality Contest were the hallmark of this event.

Apart from this 'Lawmen's Cricket' was organized by the Department as a part of 'Law Vision 2015', from 6th Feb. to 9th Feb. 2015. This was restricted to the Nagpur region where seven teams participated in the event. Naidu11 team won the match and team of Dr. Ambedkar College, Department of Law was the runner up.

This National festival was inaugurated at the auspicious hands of Hon'ble Shri Justice B R Gavai, Senior judge, High Court of Judicature at Bombay, Nagpur Bench, Nagpur. Guest of Honour for the inaugural function was Vice Chacellor , RTM Nagpur University, Hon'ble Dr. Vinayak Deshpande and the function was presided over by Hon'ble Shri S J Fulzele, Secretary, P.P.Dr Babasaheb Ambedkar Smarak Samiti, Deeksha Bhoomi, Nagpur.

The second day of the festival was full of enthusiasm and excitement as, Hon'ble Shri Justice Uday Lalit, Judge, Supreme Court of India, New Delhi, delivered a guest lecture on the topic, "Administration of Rarest of Rare Case Standard by the Judiciary". The mere name of the Hon'ble judge attracted huge public, various Advocates from the Bar, Teachers and students from different law colleges were present to hear the Judge and all participated in open house session with all enthusiasm.

This exciting lecture was followed by preliminary rounds of Moots. Fourteen team

from all over the country participated in the Moots. The competition was ably judged by 14 judges, all renowned lawyers from the city like, Adv. Shradhanand Bhutada, Secretary High Court Bar Association, Adv. Preeti Rane, Government Pleader, Adv. Renuka Sirpurkar, Adv. Gauri Venkatraman, Adv. Ritesh Tahalyani, Adv. Akshay Naik, Adv. Ranjeet Bhuibar.

The third day witnessed various competitions like, Client Counseling, Drafting competition, Essay competition and Case Comment followed by semi final rounds of Moots. With all enthusiasm and zeal the students managed to participate in almost all the activities. Semi-final rounds were ably judged by Adv. Rohit Deo, Additional Solicitor General of India and Senior Advocates like Adv. Uday Dastane, Adv. B. G. Kulkarni, Adv. Makranda Agnihotri, Adv. Firdoz Mirza, Adv. Sudanshu Joshi. The Department also got great support from other renowned lawyers and legal luminaries from the city who helped us for evaluation and judging different competitions like Adv. Chetan Dhore evaluated all papers for drafting and case comment competition, Dr.S.L.Deshpande, Head PGTD, RTM Nagpur University and internationally acknowledged personality valued the Essays on the topic, "Penological Dimensions of Juvenile Justice in India", Adv. Preeti Rane, Government Pleader and Adv. Trupti Udeshi acted as a judge for Client Counselling and Personality Contest was conducted and judged by Shri. Prateek Mukherjee, Times of India, Nagpur.

Fourth day of the event was also full of different activities like Final round of Moots and Personality Contest. Final Moots were in between the ILS, Pune and Dr. Babasaheb Ambedkar College of Law, Main Branch. The participants had a tough fight as they were grilled and judged by the Hon'ble J. Z. A. Haq and Hon'ble J. A. B. Chaudhary, Judge, High Court of

Judicature at Bombay, Nagpur Bench, Nagpur. Finals were followed by Personality contest, where all the charming budding lawyers rocked the stage.

The great attraction of the last day event was the Chief Minister of Maharashtra State, Hon'ble Shri Devendra Fadnavis, whose gracious presence added grace to the accession of Valedictory Ceremony and Award Function. The same function was presided over by the Secretary of P.P.Dr Babasaheb Ambedkar Smarak Samiti, Deekshabhoomi, Nagpur. The

stage was adorned by other dignitaries like Dr. P. C. Pawar, Principal of the College and other honorable like members of Smarak Samiti Shri Chikate, Shri Sute, Shri Anand Fulzele etc. The Chief Minister of Maharashtra State very laudably admired the efforts of the college to hold such a big event giving huge platform to the students of Law. Being a lawyer himself he emphasized upon the importance of such initiatives on the part of legal institution and congratulated all the staff members and students for making this event such a grand success.

Department of Physical Education & Sports

A summer coaching camp was organised by the Department in the month of April, May & June coaching for different games like cricket, hockey, table tennis, lawn tennis, aerobics & yoga was imparted to the students. In all five hundred students from various school and colleges participated in the coaching camp. The camp was inaugurated on 16th April 2014 at the hands of Shri. S. J. Fulzele (Secretary) Smarak Samiti.

A summer coaching camp was successfully organised by the department and the concluding function was organised on 15th June 2014. The prizes of the various games were distributed to the players in the presence of Hon'ble Shri. S. J. Fulzele sahib, Dr. P. O. Kharat, Dr. K. M. Reddy and others.

- Dr. Ambedkar College Department of Physical Education and Sports celebrated National Sports Day marking the birth anniversary of wizard major Dhyanchand. Prof Vijay Barsay (Reliance Best Citizen Award) and Prof A. D. Gadkari Mr. Gurumurti Pillay was the chief guests of this occasion and after that department organised inter club hockey matches
- In the month of August Dr. Ambedkar College boys and girls team participated in various games and sports like athletics, cross country, badminton, basketball, cricket, lawn tennis, table tennis, chess, hockey, swimming, water polo, volleyball, archery, shooting, fencing, power lifting, weight lifting, best physique, judo, taek-won-do, handball, ball badminton, boxing, half marathon, football.
- Dr. Ambedkar College clinched the inter college table tennis tournament. This tournament was organised by Department of Physical Education and

RTMNU Nagpur University at Dr. Ambedkar College Nagpur.

- Dr Ambedkar College clinched the inter college cricket tournament. This tournament was organised by Vidharbha Cricket Association, Nagpur.
- Dr Ambedkar College clinched the inter college cricket tournament. This tournament was organised by V.N.I.T Kric mania group.
- Dr Ambedkar College clinched the inter college cricket tournament. This tournament was organised by Puanjabrao Deshmukh Krida Mahotsav D.N.C. Nagpur.
- Dr Ambedkar College Men's clinched the inter college basketball tournament. This tournament was organised by Punjabrao Deshmukh Krida Mahotsav D.N.C. Nagpur.
- Dr Ambedkar College men's clinched the Basketball tournament won third place in the R.T.M.N.U. tournament.
- Dr Ambedkar college men's clinched the basketball team runner up for J.C. Engineering and Technology inter collegiate tournament.
- Dr Ambedkar College won the third place in inter collegiate lawn tennis tournament organised by R.T.M.N.U. Nagpur.
- Dr Ambedkar College won the quarter final place in inter collegiate football tournament organised by R.T.M.N.U. Nagpur.
- Dr Ambedkar College won the quarter final place in inter collegiate hockey tournament organised by R.T.M.N.U. Nagpur.
- Dr Ambedkar College won the quarter

final place in inter collegiate football tournament organised by D.N.C. Nagpur.

- Dr Ambedkar College won the runner up position in inter collegiate hockey tournament organised by V.H.A. Hockey festival Nagpur.
- Dr Ambedkar College won the quarter final place in inter collegiate football tournament organised by Stephen Hislop memorial football tournament.
- Dr Ambedkar College won the runner up in inter collegiate boys hockey tournament organised by V.H.A. Hockey festival Nagpur.
- The college under 19 boys cricket team excelled in the inter school division and participated in inter school state tournament.
- The college under 19 boys basketball team excelled in the inter school division and participated in inter school state tournament.
- The college under 19 girls badminton team excelled 3rd place in the state championship held at Buldhana.

Organised tournament and other events

- Dr. Ambedkar College Department of Physical Education, RTMNU Department of Physical Education and Sports and I.Q.A.C., DAIMSR, jointly organised research methodology workshop for the Ph.D. scholar.
- Dr. Ambedkar College Department of Physical Education and Sports and RTMNU Nagpur organised inter-college chess tournament.
- Dr. Ambedkar College Department of Physical Education and Sports and RTMNU Nagpur organised inter-college table tennis tournament.
- Dr. Ambedkar College Department of Physical Education and Sports and V.C.A

organised inter club cricket tournament.

- Dr. Ambedkar College Department of Physical Education and Sports Academy Nagpur organised open ranking table tennis under the auspices of Nagpur district table tennis association.
- Dr. Ambedkar College Department of Physical Education and Sports Academy Nagpur organised inter academy cricket tournament.
- Dr. Ambedkar College Department of Physical Education and Sports Academy Nagpur organised Ankit Menon memorial tournament in the following games-cricket, lawn tennis, table tennis.
- Dr. Ambedkar College Department of Physical Education and Sports Academy Nagpur organised DSO chess tournament.
- Dr. Ambedkar College Department of Physical Education and Sports Academy Nagpur organised DSO and divisional archery tournament.

Annual achievement and our shining stars

This year Dr. Ambedkar College players participated in various tournaments like inter university, all India, state, divisional, west zone, national, and international youth sports during this session.

1. Mr. Bhushan C. Nighot represented R.T.M. Nagpur university in the west zone inter university archery tournament.
2. Mr. Akash A. Joshi represented R.T.M. Nagpur University in the west zone inter university badminton tournament.
3. Mr. Devdatta Fadnavis represented R.T.M. Nagpur university in the west zone inter university table tennis tournament.
4. Mr Soham Nandedkar represented R.T.M. Nagpur university in the west zone inter university table tennis tournament.
5. Mr Sudipto Mitra represented R.T.M. Nagpur university in the west zone inter

- university table tennis tournament.
6. Mr Pranit N. Amle represented R.T.M. Nagpur university in the west zone inter university lawn tennis tournament.
 7. Mr Ashwin G. Rahate represented R.T.M. Nagpur university in the west zone inter university lawn tennis tournament.
 8. Mr Allen J. Thomas represented R.T.M. Nagpur University in the west zone inter university lawn tennis tournament.
 9. Mr Chandrakant D. Nanore represented R.T.M. Nagpur University in the west zone inter university lawn tennis tournament.
 10. Mr Sunny Thapa represented R.T.M. Nagpur University in the west zone inter university lawn football tournament.
 11. Mr Rajat L. PAwar represented R.T.M. Nagpur University in the west zone inter university basketball tournament.
 12. Mr Atharva Manohar represented R.T.M. Nagpur University in the west zone inter university cricket tournament.
 13. Mr Chinmay Khanzode participated in state level rifle shooting championship in Mumbai.
 14. Ku. Shraddha Chanchadda represented R.T.M. Nagpur University in the west zone inter university fencing tournament.
 15. Ku. Vinaya Narnaware represented R.T.M. Nagpur University in the west zone inter university archery tournament.
 16. Ku. Priya Sarve represented R.T.M. Nagpur University in the west zone inter university archery tournament.
 17. Ku. Bhagyashree Dharmik represented R.T.M. Nagpur University in the west zone inter university volleyball tournament.
 18. Ku. Monu Pradhan represented R.T.M. Nagpur University in the west zone inter university hockey tournament.
 19. Ku. Shraddha Yadav represented R.T.M. Nagpur University in the west zone inter university hockey and football tournament.
 20. Ku. Bhava Vartha represented R.T.M. Nagpur University in the west zone inter university football tournament.
 21. Ku. Usha Uikey represented R.T.M. Nagpur University in the west zone inter university football tournament.
 22. Ku. Kirti Thapa represented R.T.M. Nagpur University in the west zone inter university football tournament.
 23. Ku. Monu Pradhan represented R.T.M. Nagpur University in the west zone inter university hockey tournament.
 24. Ku. Yamini Thackrey represented R.T.M. Nagpur University in the all India athletic tournament and won the Goa Marathon. Chief Minister of Goa Manohar Parrikar and Chief Minister of Maharashtra Devendra Fadanvis felicitated Yamini Thackrey.
 25. Ku. Simran Mate represented under 19 girls fencing state level tournament held at Bhandara.
 26. Ku. Ayushi Wasnik represented archery under 19 girls state level tournament held at Washim.
 27. Ku. Aarti Pande under 19 girls represented rifle shooting state level tournament held at Pune.
 28. Mr. Ayush Jugele under 19 boys represented chess tournament at Satara.
 29. Ku. Vaishnavi Akhade under 19 girls represented chess tournament at Satara.
 - Dr. Ambedkar College Department of Physical Education and Sports organised annual medical test with Biochemistry Department.
 - Dr. Ambedkar College Department of Physical Education and Sports organised annual Physical efficiency test.

Department of Statistics

Industrial Visit to Vasundhara Dairy, Nagpur (29th September, 2014) :

35 students of B.Sc.II and III of Department of Statistics were taken to Vasundhara Dairy, a subsidiary of Amul co-operative society which is a milk processing and Ice-cream manufacturing unit located at Hingna MIDC Nagpur. The staff and students were extended a warm welcome by the staff of Vasundhara and Mr. Tajne took students first to collection unit where the procured milk is collected and stored in silos. Then he took the students to laboratory where the milk is analyzed for fat content. In the laboratory the data about the temperature at which milk is stored is maintained and the shelf life of milk is ascertained as a function of temperature. They make use of Statistical Quality Control techniques to monitor the variation in temperature of milk, for which they use control charts. After that students were taken to pasteurizing unit where milk is heated to high temperature to free it from microorganisms rather pathogens. The hot milk is subsequently cooled to quite low temperature but while doing that the heat withdrawn from hot milk is used to heat next incoming lot, thus a lot of energy is saved by recycling it. Since the milk procured from different sources differ in fat content, so in order to ensure uniformity in quality, milk is subjected to a process of homogenization with the machine called homogenizer. Next students were taken to Ice-cream manufacturing unit. However when the students were taken to different sections of the plant they were constantly being told about the use of statistical techniques employed in general and quality control techniques in particular. The concluding part of the visit was

address to students by Dr. Shyam Laddha CEO of Vasundhara Plant. He in his address highlighted the importance of use of Statistics in all walks of life because of its applications and assured students that their decision of choosing Statistics as main subject will prove to be wise one. Prof. R. V. Patil conveyed thanks on behalf of the Institute.

Report of Guest Lecture (18th October, 2015) :

Every year the Statistical Society of Dr. Ambedkar College organises guest lectures of eminent persons from different fields for the benefit and exposure of the practical applications of the subject to the students. The faculty members also get an opportunity to update their knowledge by organizing such lectures. This year a guest lecture on 'Non Parametric Tests and Its Applications' was organized. The guest lecture was delivered by Dr. Mrs. N. M. Wazalwar, Associate Professor from Department of Statistics, Post Graduate Teaching Department of RTM University. Dr. Wazalwar discussed the use of Statistics in general and Statistical Tests in particular that can be used in day to day life for drawing valid and reliable conclusions, which in turn facilitate decision making process. She discussed at length the utility and necessity of having knowledge of Non Parametric methods for this purpose. She discussed various real life situations and compared the process of drawing conclusions applying common sense and statistical approach. She could establish with her examples that statistical approach is refinement of common sense and provides mathematical measure of risk associated with decisions taken after applying statistical methods. The program was attended by students of the Department of Statistics in large

numbers and were largely benefited by the lecture.

The program was conducted by Ms. Sayali Joshi a student of B.Sc. final and vote of thanks was proposed by Mr. Rahul Nagpure a student of B.Sc.I.

STAT-FEST (February, 2015) :

The Statistical Society organized a STAT-FEST on 24th & 25th February, 2015. The objective behind organizing such activity is that the students must experience fun-filled learning while making preparations for such activities and enrich their knowledge of the subject in addition to other aspects such as personality development. Communication skills, removing stage-fear, inculcating spirit of team-work etc.

Problem Solving Competition-STABILITY (24th February, 2015) : To improve the numerical and conceptual statistical aptitude of the students a problem solving competition "Stability" was conducted on 24th Feb, 2015. This competition was held on a class wise basis separately for B.Sc.I and II year. The response to the Stability was very good as most of the students took part in the competition with exception of very few. After the conclusion of the competition the papers were discussed in each class separately with appropriate explanations and instructions to the students so as to improve their numerical and conceptual statistical aptitude. The students with top marks were chosen as winners and were felicitated at the prize distribution function of the Department. Following is the list of winners for STABILITY, STAT-FEST 2015:

B. Sc. Part I -

Ms. Komal R. Patel – 1st Prize

Ms. Gauri Sinekar – 2nd Prize

B. Sc. Part II -

Mr. K. Nivesh – 1st Prize

Ms. Namrata A. Saharkar – 2nd Prize

Poster Competition (24th February, 2015)

Students of Department of Statistics participated with full enthusiasm in Poster Competition organized on 24th February, 2015. The highlights of the Poster Exhibition were various posters prepared by the students on topics such as eradication of social evils, social awareness, awareness about health and prevention of diseases, population census, tiger census, rates and ratios of vital events, ill-effects of advanced technologies etc. The judges for evaluating the posters were Prof (Mrs) B. A. Mehere and Prof (Mrs) S. M. Pawar. The judges gave patient hearing to the poster presentation given by the students and applauded their efforts. They also gave useful suggestions to the students. The poster exhibition was enjoyed and appreciated by the students of other departments also.

B. Sc. Part I -

Ms. Komal R. Patel – 1st Prize (Ebola: A race against Death)

Ms. Pooja Chute, Ms Aanchal Zoting – 2nd Prize (Tiger Census)

B. Sc. Part II -

Ms Anjali Darokar – 1st Prize (All about Slow Poison)

Mr Malhar A. Tanksale, Mr. Akshay Chorghade – 2nd Prize (Rate and Ratios of Vital Events)

Statistical Quiz. STATIVATION (25th February, 2015)

A Statistical Quiz "STATIVATION" was held on 25th February, 2015. Prof. R. V. Patil was the quizmaster and Prof. Anjali Badar assisted him. Team B was the winner. The quiz had a very

enthusiastic audience. On the whole STATIVATION was a grand success. Three teams consisting of one student each from B.Sc.I, B.Sc. II and B.Sc. III were formed in the month of January to participate in the Interclass quiz contest. They were asked to study the syllabus thoroughly. Teams formed were as follows –

Team A

- 1) Ms Komal Patel, B.Sc.-I
- 2) Ms. Anjali Darokar, B.Sc.-II
- 3) Hrishabh Kumbhalkar, B.Sc.-III

Team B

- 1) Ms. Ragini Shirbad, B.Sc.-I
- 2) K. Nivesh, B.Sc.-II
- 3) Ms. Sayali Joshi, B.Sc.-III

Team C

- 1) Ms Pooja Chute, B.Sc.-I
- 2) Ms.Gautami Kamble, B.Sc.-II
- 3) Ms. Anjali Neel, B.Sc.-III

The quiz consisted of five rounds namely- Multiple Choice Round, Clue Round, Distribution Round, Rapid Fire Round and Situation Round. The participation in the quiz helped students to prepare the subject Statistics thoroughly.

Prize Distribution. (25th February, 2015)

Prizes are a constant source of enjoyment and reassurance for the participants of any sort of competition. Apart from this to keep the students responsive towards competitions it becomes important that the winners be

felicitated at the appropriate time. With all these thoughts, it was necessary for the Department to felicitate the efforts of the participants through prizes. To recognize the talent of the winning students and to inspire others to excel, a simple prize distribution ceremony was held on 25th of Feb 2015 in the Seminar Hall. The prizes were distributed at the hands of the Chief Guest, Principal Dr. P.C.Pawar.

Interactive Session of Students with Officers from Indian Statistical Services. (10th April,2015)

An interactive session of students of Department of Statistics with ISS cadre officers was organized to motivate and inspire the students. Mr. Ashish Saxena Asst. Director, Field Operations Division of National Sample Survey Organisation, Nagpur and Mr. Manojkumar Saini Asst. Mineral Economist, Indian Bureau of Mines, Nagpur were invited guests. Both the speakers talked at length to inform students about job opportunities available to Graduates and Post Graduates in various sectors such as Banking, Industry, Health, Agriculture, Insurance, Transport etc. They also informed students about the prospects in state and central government services. They shared with students the nature of work and facilities made available by central government to ISS cadre officers. They shared information about how to prepare for various competitive examinations including ISS exams conducted by UPSC and the examination pattern, syllabus, difficulty value of questions asked etc.

Department of Mathematics

Welcome Address :

Department of Mathematics conducted a program 'Welcome Address' on 29th July 2014 for the students of B. Sc Part I. In this program students were given guidance regarding the syllabus of B.Sc. and the pattern of university question papers were discussed. The students were also informed about the various activities conducted by the Department throughout the year and were encouraged to participate in most of the activities.

Aptitude Test :

Aptitude test was conducted for the students of B. Sc Part I Semester I on 26th August 2014. Questions pertaining to the basic knowledge were asked. This activity is important to analyze the problem solving skills in Mathematics.

Career Opportunities in Mathematics:

Mathematics is a science which has wide applications in real life. So to create awareness and interest in the very important branch of science called Mathematics, students were introduced to the various career opportunities which are available to them if they make a career in Mathematics viz. Financial Mathematics, Actuarial Science, Applied Mathematics, etc. This Activity was conducted in the month of 10th September 2014.

Problem Corner for B.Sc. Part I:

This Activity was conducted by the Department of Mathematics on 24th September 2014 for the students of B.Sc Part I Semester I. The motto for conducting such an activity is to create an atmosphere of competition which leads to the development of subject knowledge and generates interest in the

students.

Problem Corner B. Sc. Part II:

This Activity was conducted by the Department of Mathematics on 26th February 2015 for the students of B.Sc Part II Semester IV.

Class Seminar:

Class Seminar was conducted by the Department of Mathematics on 25th February 2015 for B.Sc. II year, Semester IV. This activity provides a platform to students to present their subject knowledge and helps in developing their subject ideas. Most importantly, they try to refer to the various course books available in the topic, thus making the students Independent.

Guest Lecture I:

Department of Mathematics, Dr. Ambedkar College, Nagpur organized a guest lecture on the topic "Differential Equations and its applications" on 10th March, 2015 by Dr. Shilpa Samdurkar, Assistant Professor, Head, Department of Mathematics, Vidya Vikas Arts, Commerce & Science College, Samudrapur, Dist. Wardha. The speaker focused on formation of differential equations and their applications in real life situations. The students from all the streams of B.Sc were present in huge numbers and thoroughly enjoyed the lecture. The successful conduction of the program was done by Prof S. M. Pawar, HoD, Department of mathematics and Prof. Jitesh Tripathi, Department of Mathematics. The program concluded by giving vote of thanks to one and all.

Guest Lecture II:

Department of Mathematics, Dr.

Ambedkar College, Nagpur organized a guest lecture on the topic "Green's theorem and its applications" on 13th March, 2015 by Mrs. Jyoti P. Dhage, Associate Professor, Department of Mathematics, Nutan Adarsh Mahavidyalaya, Umred, Dist. Nagpur. The speaker chose a topic of B.Sc I year II semester syllabus and she successfully verified the theorem by solving examples based on Green's theorem. The students of from all the streams of B.Sc were present in huge numbers and took active

participation in the lecture. The successful conduction of the program was done by Prof S. M. Pawar, HOD, Department of mathematics and Prof. Jitesh J. Tripathi, Department of Mathematics. At the end of the lecture an interactive session was held, wherein students discussed their queries with the guest speaker and she was successful in clarifying their doubts pertaining to the topic. The session concluded giving vote of thanks to one and all.

Department of Computer Application

In session 2014-15, BCA Department has conducted various events on academic, cultural, sports and social. In session 2013-14, four students from BCA-III stood in top ten positions in R.T.M. Nagpur University, Nagpur. In session 2014-15, three students from BCA Sem-I stood in top ten positions in R.T.M. Nagpur University, Nagpur. In session 2014-15, two students from BCA-III placed in TCS & Wipro companies. The journey started of students of BCA sem-I with induction programme and aptitude test. As per tradition, this year, department has installed Society of Computer Application and conducted annual event "ARENA 5.0". Department has conducted social event "Chhoti Si Aasha", in which old clothes were donated to orphanage.

Induction Program

The Induction program was conducted in the first week of July by Dr. Prakash Bhongade for BCA Sem-I students. The students get awareness of opportunities in IT field, course curriculum, exam pattern, college rules & regulation, placement records etc. The students were motivated by giving real life example of the successive people in IT.

Guest Lectures

The guest lectur was conducted by the IT experts from NIIT on "Career Opportunities in Information Technology". They spoke on placement selection criteria such as communication skills, aptitude test, technical test, personal interview and career opportunities in various fields in IT sector.

Another guest lecture was conducted by Prof. Dheeraj Rane on "Solving question papers of University paper to score good marks". He spoke on exam paper pattern, evaluation

criteria by subject experts, writing skills, importance of practical by giving various examples, syllabus pattern etc.

Society of Computer Application

The Society of Computer Application was installed on 10th Jan'15 under the guidance of our Director, Principal and Head of the department Dr. Prakash Bhongade. The various student committees were formed like Social, Academic, Sports, Cultural, Discipline, Organizing etc. Investiture ceremony was conducted by giving badges to the heads of the various committees with their associates.

ARENA: The annual event

As per the tradition of BCA department, the fifth annual event "ARENA" was held in the first week of January 2015 for five days. The event started with "Flower arrangement competition". Then Rangoli & Painting Competitions were conducted. And it was followed by cultural event. Fashion show was also conducted in which the theme was "Groom and Brides". All the students have shown their talent & skills in these activities.

Social Event: Chhoti si Aasha

It was the 3rd year, that the BCA Department has been conducting this social event. As a trend, students collected old clothes from the students and donated alonwith pencils, eraser, sharpener and chocolates to the orphanage at "Shraddhanand Anathalay", Shraddhanandpeth, Nagpur. Few of the girls students even take classes for the children in evening after college.

Achievements

Merit List : In session 2013-14, four students from BCA-III stood in top 10 merit

positions in R.T.M. Nagpur University. Rupa Swami, Indrayani Sirsakar, Pratiksha Ukey & Harshita Dalmiya stood in first, second, fourth & eighth secured positions respectively.

In session 2014-15, three students Snehal Sontakke, Shrikant Tirpude, Deepak Karn from BCA Sem-I has scored highest marks in first semester examination in R.T.M. Nagpur University.

Placements : During campus placement, 2 of our students of BCAIII got placed in renowned companies like TCS and WIPRO. The company also provided for further education to the selected students for MCA and M.S. Deepak Tripathi & Arya Soni got placed in TCS & Wipro respectively.

Department of Computer Science

Faculty Achievement :

1. Mr. P. V. Nimbalkar was awarded Ph.D. in Computer Science in 101st Convocation of R.T.M. Nagpur University with topic "Analysis of Machine Translating Algorithms Using Natural Language Processing Techniques" under the valuable guidance of Dr. P. K. Butey, Associate Professor and Head, Department of Computer Science, Kamla Nehru Mahavidyalaya Nagpur.
2. Mr. Winit Anandapwar passed U.G.C. NET Examination which was conducted in the month of June-2014.
3. Miss. Smita Dash was awarded with Gold Medal in 101th Convocation of R.T.M. Nagpur University for consecutively stood first position in M.Sc.I, II Examination conducted by Nagpur University.

Students Achievement:

Following students of M.Sc.-I and M.sc.-III semester stood in University Rank

MSc II (Sem III)

Uni. Rank 1 - LEKHA PRAJAPATI (417/625 -67%)

Uni. Rank 2 - ASHWINI LABHANE (412/625 -65.92%)

Uni. Rank 3 - KARISHMA SONKUSRE (404/625 -64.64%)

Uni. Rank 4 - NAMITA DUMBARE (400/625 -64%)

Uni. Rank 5 - PRIYANKA BANDAWAR (393/400 -62.88%)

MSCI (Sem I)

Uni. Rank 1 - MEGHA AGRAWAL

(428/625 -68.48%)

Uni. Rank 2 - ROCHI KUKREJA (426/625 -68.16%)

Uni. Rank 3 - NAINA JUNARKAR (424/625 -67.84%)

Uni. Rank 4 - SWATI KATRE (416/625 -66.56%)

Uni. Rank 5 - RUKSANA SHEIKH (413/625 -66.08%)

Departmental Activities :

Mr. Sahil Chawla, Director, Tsecond Generation Technology Pvt. Ltd.

1. The Department conducted a guest lecture on "Software Development Areas" by Mr Sahil Chawla.

Date: 25-Febrary 2015

2. Administrative of Hindustan Petroleum during installation ceremony guided students of Information Technology.

Date: 10 January 2015

3. Students' Seminars have been conducted regularly in the first week of every month for the students of B.Sc. I, B.Sc. II, B.Sc. III.

4. Students' Seminars have been conducted regularly on every Saturday during the session for the students of M.Sc. I and M.Sc. II.

5. Inhouse Training Program for UNNATI students was conducted from 28-10 2-14 to 13-11-2015.

6. Projects and Assignments: M.Sc. I and M.Sc. II

Total students / Projects : 38

Department of Biochemistry & Biotechnology

The Department of Biochemistry & Biotechnology organized several events throughout the session 2014-15. At the beginning of the session the entire faculty got involved in organization of annual event of the Department viz. the intra-collegiate Blood Donation camp for the first year students of all the faculties in collaboration with Sainath Blood Bank, Ramdaspath, Nagpur. Nearly, 100 students from all the faculties (B.Sc., B.A., B.Com) took part in this even to help the underprivileged strata of society afford medical interventions demanding blood transfusion. As special initiative this year our Department also organized a separate Blood Group and Haemoglobin testing camp for Blind Children in collaboration with Rotary Club, Nagpur. Over 300 Students of Blind Relief Associations Mundle English Medium School, Shradhanandpeth, Nagpur availed this facility. Free medication in form of Iron Tablets and Heme Syrup was distributed amongst Girl students with low hemoglobin percentage. All the efforts for successful organization of this camp were taken by Mrs. B. A. Mehre. She was also instrumental in organizing a similar Blood Group and Hemoglobin testing camp at Tilak Vidyalaya, Ramdaspath, Nagpur, for Middle and High School Children again in collaboration with Rotary Club, Nagpur. These two events were responsible to strengthen our association with Rotary Club, Nagpur.

To enrich our students and to give them a flavor of research and current trends in Biochemistry and Biotechnology we follow a routine practice of arranging some guest lectures, in which some eminent local Scientists are invited to interact with the students. As a part of the same activity a Guest Lecture by Dr. Pravin Naoghare, Scientist NEERI, Nagpur was arranged on "Frontiers in DNA technology" in our college premises as a part of DNA day Celebration wherein Dr. Naoghare enlightened the students about current advances in DNA

technology. Some of our students took motivation from their interaction with Dr. Naoghare and initiated some short term research projects in our laboratory under the supervision of our young faculty members. Perhaps this interaction also motivated the students for taking their curriculum seriously, a testimony to which was their active participation in scientific events like science quiz, poster and model competitions etc. Ms. Gayatri Tekade, received the best student award in 100th Convocation of RTM Nagpur University, Ms. Divya Trivedi, our B.Sc. final year student, won 6 prizes in various debate competitions organized in and around Nagpur, Ms. Shrushtee Parchakke our another B.Sc. final year student, won second and third prize in essay and quiz competitions respectively. Some of our young students Ms. Puja Awasthi, Ms. Punyasha Samal and Ms. Shraddha Jain got an abstract published in an international conference SPEC 2015.

As part of faculty's individual academic accomplishments, Dr. Deovrat Bedge got selected as an Editorial Board member of the Journal of Molecular Biology Reserach (<http://ccsenet.org/journal/index.php/ijb/about/editorialTeam>) Published by The Canadian Center of Science and Education (CCSE), Canada. He has by now 14 international research papers to his credit with one national patent. He was also one of the 120 selected candidates from around the world to participate in an EMBO workshop entitled "Upstream and Downstream of Hox genes" held at Center for Cell and Molecular Biology, (CCMB), Hyderabad. Another dynamic young faculty member of our Department Mr. Utpal Dongre received a UGC minor research project worth Rs. 3.2 Lac and he was successful in getting 4 international research papers published in last academic session under the supervision on Dr. V.G. Meshram, Professor, University Department of Biochemistry, RTM Nagpur University, Nagpur.

Department of Botany

The Annual Report of the Dept. reflect the various facets of academic and co-curricular activities carried out During the session 2014-15.

1. **Welcome address :** Welcome address and introduction of staff to the students of B.Sc. I year was done in the month of July. An ORIENTATION PROGRAM for freshers was conducted in the month of July where Prof. S. R. Somkuwar explained the different evaluation techniques for examination to the students and also encouraged them for short-term training programs and educational visits.
2. Regular unit tests as well as test examination of B.Sc.I, II, and III year were conducted in the previous academic session.
3. Inauguration of Botanical Society: The Botanical Society Dr. Ambedkar College Deekshabhoomi, Nagpur was inaugurated at the hands of Dr. S. K. Goel, Principal Scientist, Environmental Impact & Risk Assessment Division, CSIR-NEERI, Nagpur followed by interesting lectures on "Sustainable Utilization of Biodiversity & Natural Resources.
4. **Second Guest Lecture on "Biodiversity : Assessment and conservation of threatened taxa"** by DR. (Mrs). A. A. Chaturvedi Prof. & Head Dept. of Botany RTMN University, Nagpur was organized.
5. Third Guest Lecture on "Elicitation technique for Invitro enhancement of secondary metabolites in plants" by Dr. Vishal Patil Dept. of Botany Vidya Bharti College, Seloo, Wardha.
6. **Plantation program by staff and students:** Tree plantation program in college polyhouse was carried out on 24 Aug & 7 September 2014. Different plants like succulents, cacti, medicinal plants indoor plants, ferns were planted.
7. **Eco-Friendly Tree Rakshabhandhan:** To create an emotional attachment of the student with the trees, eco-friendly tree rakshabandhan was done on the eve of "Rakhi" festivals.
8. **Workshop on Vermicomposting :** a workshop on vermicomposting was conducted which involved the teaching of techniques like :Pit construction ,Segregation of degradable and non-degradable waste, Species and varieties of earthworms, Inoculation of worms, Collection, cleaning and packing.
9. **Celebration of Ozone Day :** Student of The Botanical Society celebrated the world ozone Day on 16th Sept. 2014 with informative lecture by Prof. S. R. Somkuwar on "Causes of Ozone Depletion & its consequences to Living organism.
10. **CLEANLINESS IS NEXT TO GODLINESS** The Prime Minister's call for cleanliness was best answered by the Natures Club & students of Botany Dept. Dr. Ambedkar college, undertaking the project of cleaning the Futala lake after Ganesh Utsav and protecting its biodiversity from pollution is the first task with which they start their session around 80 students dedicated their 4-5 hours for the cleaning of Futala lake. Also giving the message that the club like nature knows no boundary the club went for a full day cleaning to Rawanwadi, 30 kms from

Bhandara. Protecting the Forest of the region they collected every inch of non-degradable waste. For both the activities they were guided by their coordinator Prof. S. R. Somkuwar.

11. **Student visit** : B.Sc. Botany Students visited Genetic Engineering & Crop Protection Dept. CICR and second visit to Regional Meteorological Dept. Nagpur on the eve of "World Meteorological Day" B.Sc.-III Students along with staff members of Dept. visited "Science Expo" at Raman Science Nagpur.
12. Celebration of World Wetland Day-2015 with the theme, Wetland for our Future-Join us.: State level 'Bio Genius' Quiz-2 and Wetland Poster Competition organised by Dept. of Botany Dr Ambedkar College, Deekshabhoomi in association with Dept. of Forest Govt. of Maharashtra State, on the occasion of World Wetland Day on 2nd Feb-2015. - Sadanandji Fulzele and Chief Conservator of Forests and Deputy Director of Social Forestry Maheep Gupta. Dr Alka Chaturvedi -Prof. & Head P.G. Dept of Botany RTMNU and Convenor Indian Science Congress Nagpur Chapter Principal of college Dr. P C Pawar, Dr. Malati Reddy, Director, College Development, Kamlakar Dhamge Information and Publicity Officer (forests) of Maharashtra, while DFO (social forestry) Mishrikotkar and Dr. Dilip Gujar Bioconsultant State biodiversity board were present at the valedictory function. The exhibition received 164 participants from various districts of Maharashtra. Thirty-three teams presented their research in poster competition and 49 teams participated in the quiz competition. The students from other colleges also through their poster

presentations discussed the concerns and awareness for Wetlands for our future. President of Vasundhara Foundation and former Honorary Wildlife Warden- Gopal Thosar, President of Wild-CER-Dr. Bahar Baviskar, Honorary Wildlife Warden Kundan Hate were the experts for the Wetland Poster Competition while Prof. Mallesh Reddy, Dr. Sudhir Kohchale, and Dr. Jagan Gadpayle were the subject experts for the quiz competition, while Anvita Nandgave conducted the Quiz. Expert panel asked the students to visit, see and analyze water bodies. They also asked them to find solutions for the conservation of these water bodies. They also suggested to students to approach the state biodiversity board with their studies and to stress the issues related to wetlands. All the experts appreciated the event management on a very significant subject that of wetlands by organizing secretary Prof. Subhash Somkuwar Head Dept. of Botany. A plant discovery from Shankarpur (Chandrapur) wetland named 'Murdannia Ugemugii' by Dr Rahul Kamble and Prof. Subhash Somkuwar was also the centre of attraction at the event.

13. **Celebration of NATIONAL SCIENCE DAY – 2015 ("State Level Science Knowledge Test and Popular Science Lecture")** : The National Science Day was jointly organized by Dept. of Botany, Dr. Ambedkar College and Indian Science Congress Association, Nagpur Chapter on 28th February 2015. The Chief Guest of the event were Dr. K.R. Kranthi, Director, CICR, Nagpur and Dr. Kamal Singh, Ex. Vice Chancellor, SGB Amravati University, Amravati. The theme of NSD-2015 was "Science for Nation Building". This theme was chosen for the purpose of raising public appreciation of

the scientific issues involved for students, which was followed by Popular Science Lecture, delivered by Dr. Kranthi Sir. His lecture focused on new techniques involved in Science and technology for the welfare of society. He put light on the sustainable use of biodiversity for securing our future development without destructions by citing various explicative examples. Dr. (Ms.) Kamal Singh focused on this year's National Science Day theme – "Science for Nation Building". She motivated the students to utilize their talents for the nation to make this theme become a reality. Prof. (Mrs.) Alka Chaturvedi focused on the role of Indian Science Congress Association as an important body to build up the nation with a scientific approach. Indian Science Congress Association supports various activities for students, which give them a platform to explore their scientific temperaments. Principal, Dr. P. C. Pawar addressed the event and welcomed the guests. Organizing Secretary, Prof. S. R. Somkuwar briefed the gathering about National Science Day and stressed that events like Science Knowledge Test help students with a competitive spirit for various exams like JAM, JNU, MPSC, UPSC, etc. The Science Knowledge Test received a huge response from over all the city colleges. Apart from city colleges, colleges from various districts of Maharashtra State also participated in large numbers. 337 contestants were registered for this event. Along with the cash prize, the winners were also presented a Memento and Certificate. A Certificate of

Participation was given to all the Participants.

14. **Intercollegiate PPT Presentation/ Seminar Competition held on 31st March 2015** : Dept. of Botany, Dr. Ambedkar College, Deekshabhoomi, Nagpur in collaboration with Indian Science Congress Association (ISCA) Nagpur Chapter have successfully organized the Intercollegiate Power Point Presentation / Seminar Competition on 31st March 2015 for the students of Life Sciences. The program has inaugurated at the hands of Principal Dr. P. C. Pawar and Dr. (Mrs.) K. M. Reddy, Director, College Development. The Director highlighted the importance of PPT Presentation in today's academic field. Organizing Secretary Prof. S. R. Somkuwar has briefed about the event. From the various colleges of Nagpur University 47 candidates have presented their Seminars. The Valedictory & Prize distribution function was presided by the Chief Guest Dr. (Mrs.) S. A. Kalkar, Professor & Head, Dept. of Botany, Institute of Science, Nagpur. The winners were awarded with certificates, mementos, Science Reporter Magazine and cash prizes. Mr. Ashish Zade of Dr. Ambedkar College bagged the first prize, second prize was received by Ms. Surbhi Sambare of Dr. Ambedkar College and Ms. Kanchan Dongre of Shivaji Science College got third prize. The competition was judged by experts Dr. Atul Bobdey, HOD Zoology Shivaji Science College, Dr. P. T. Humane, HoD Botany, Dharampeth Science College, Dr. K. Iyenger, HOD Biotechnology, L.A.D College, Nagpur.

Department of Political Science

Department Activities

- A) Preparation of students for intercollegiate competition conducted by Shri Shikshan Prasarak Mandal Mahila Mahavidyalaya Nandanvan (Dept of Economic) and L.A.D College Gandhinagar, Nagpur.
- B) Four unit tests were taken this year and Preliminary Examination was conducted at the end of the year
- C) Guest Lecture on 29th Sept. 2014 by Dr. Bhimrao Gote, conducted by Department of Political Science and Pali Prakrut

समाजशास्त्र विभाग

1. समाजशास्त्र अभ्यासमंडळाचे उद्घाटन

दिनांक 22/09/2014 रोजी समाजशास्त्र अभ्यासमंडळाचे उद्घाटन डॉ. प्रतिभा लाडे आणि स्नेहल खेर यांच्या हस्ते संपन्न झाले. डॉ. प्रतिभा लाडे यांनी विद्यार्थ्यांना यशाचे अष्टांगमार्ग सांगून यशस्वी जिवनासाठी मार्गदर्शन केले. डॉ. स्नेहल खेर यांनी विद्यार्थ्यांना आनंदी राहणे ही मानवी अवस्था आहे असे सांगून छोट्या छोट्या गोष्टीतून आनंद मिळवायला शिकले पाहिजे असा मोलाचा सल्ला दिला.

2. निबंध स्पर्धा

दिनांक 08/10/2014 रोजी बी. ए. च्या तिन्ही विभागासाठी एक निबंध स्पर्धेचे आयोजन करण्यात आले होते. स्पर्धेचा विषय होता "कौटुंबिक हिंसाचार-स्त्रियांवरील अन्याय". या निबंधाकरिता विद्यार्थ्यांनी उत्स्फूर्त प्रतिसाद दिला. प्रथम क्रमांक स्वटी श्यामराव बोरकर बी.ए. भाग-2, द्वितीय क्रमांक दिपक खुशाल मंगर बी.ए. भाग-1, तृतीय क्रमांक तुषार बालकदासजी बागडे बी.ए. भाग-1 यांना देण्यात आले. उत्तेजनार्थ सहभागासाठी मिनल मडावी बी.ए. भाग-2 आणि भाग्यश्री मुंडले बी.ए. भाग-1 यांना बक्षिस देण्यात आले.

3. मार्गदर्शनपर व्याख्यान

दिनांक 11/10/2014 रोजी मार्गदर्शनपर व्याख्यानाचे आयोजन करण्यात आले. या व्याख्यानाचे व्याख्याते डॉ. तोष्णीवाल सर होते. त्यांनी विद्यार्थ्यांना 'समाजशास्त्राचे महत्व व उपयोगिता' या विषयावर मार्गदर्शन करून विद्यार्थ्यांच्या ज्ञानात भर घातली. विद्यार्थ्यांन स्पर्धात्मक परिक्षा घ्यायची असेल तर त्यासाठी समाजशास्त्राचा पाया मजबूत असावा असे मोलाचे मार्गदर्शन त्यांनी विद्यार्थ्यांना केले.

4. वक्तृत्व स्पर्धा

दिनांक 4/12/2014 ला वक्तृत्व स्पर्धेचे आयोजन करण्यात आले होते. या स्पर्धेचा विषय

होता 'स्त्रिया-भ्रूण संरक्षण- काळाची गरज'. या वक्तृत्व स्पर्धेत बी.ए. भाग-1,2,3 च्या विद्यार्थ्यांनी मोठ्या प्रमाणात सहभाग घेतला. या कार्यक्रमाला प्रमुख पाहुणे आणि परिक्षक म्हणून इंग्रजी विभागाच्या दर्शिका पाटील, अनिता तिरपुडे आणि राज्यशास्त्र विभागाच्या विद्या चोरपगार हया उपस्थित होत्या. हया स्पर्धेत प्रथम क्रमांक बी.ए.-1 चा दिपक वर्मा, द्वितीय क्रमांक बी.ए. -2 ची विद्या मानमपल्लीवार, आणि तृतीय क्रमांक बी.ए. -1 ची भाग्यश्री मुंडले हयांनी मिळविला. उत्तेजनार्थ बक्षिस सुनिल उके बी.ए-1 याला देण्यात आले.

5. सर्वेक्षण

दिनांक 09/12/2014 ला काचीपुरा झोपडपट्टीतील 10 ते 16 वयोगटातील मुलींमधील शैक्षणिक स्तर जाणून घेण्याच्या उद्देशाने बी.ए. च्या तिन्ही भागातील विद्यार्थ्यांना घेऊन सर्वेक्षण करण्यात आले.

6. प्रकल्प

दिनांक 1/1/2015 ला विद्यार्थ्यांना 'भारतातील विविध संस्कृतीचे दर्शन' या विषयावर प्रकल्प देण्यात आले. यात दोन राज्ये घेऊन तेथील संस्कृतीचे दर्शन विद्यार्थ्यांनी करून दिले. विद्यार्थ्यांनी विविध राज्यातील संस्कृतीचे दर्शन चित्रांसह सविस्तर वर्णन करून दिले.

7. गटचर्चा

दिनांक 22/01/2015 ला 'सामाजिक परिवर्तनाचे स्वरूप' या विषयावर समाजशास्त्र विभागातर्फे एका गटचर्चेचे आयोजन करण्यात आले. बदलत्या काळानुसार समाजामध्ये जे बदल होत आहेत त्याबद्दल विद्यार्थ्यांची मते जाणून घेण्याच्या दृष्टिने या कार्यक्रमाचे आयोजन केल्या गेले. आजच्या 'लिव्हइन् रिलेशनशिप' या पद्धतीवर विद्यार्थ्यांनी नकारात्मक प्रतिक्रिया व्यक्त केली. आजही विद्यार्थ्यांना पारंपारिक पद्धतीच मान्य आहे. हे यावरून निदर्शनास आले.

इतिहास व अर्थशास्त्र विभाग

गुरुवार दि. २८ ऑगस्ट २०१४ ला डॉ. आंबेडकर महाविद्यालय दीक्षाभूमी, नागपूर येथील इतिहास व अर्थशास्त्र विभागाच्या अभ्यास मंडळाचे उद्घाटन 'देशातील परिवहन व्यवस्था: इतिहास स्वरूप व महत्त्व', या विषयावर एक दिवसीय परिसंवाद व प्रदर्शन आयोजित करून करण्यात आले.

महाविद्यालयाच्या ना.ह. कुंभारे सभागृहात या परिसंवादाचे व प्रदर्शनीचे आयोजन करण्यात आले होते. परिसंवादातील प्रमुख वक्ते इन्स्टीट्यूट फार डेमोक्रेसी अँड सस्टेनेबिलिटी, दिल्ली चे डायरेक्टर डॉ. राजेन्द्र रवी आणि नागपूर येथील ख्यातनाम ऑर्कीटिक्ट प्रद्युम्न सहस्रभोजनी, नागपूर हे होते.

परिसंवादाची अध्यक्षता महाविद्यालयाच्या प्राचार्या डॉ. मालती रेड्डी यांनी केले.

परिसंवादामध्ये वक्ते म्हणून मार्गदर्शन करताना डॉ. राजेन्द्र रवी म्हणाले की, स्वातंत्र्यानंतर देशातील परिवहन व्यवस्थेचे स्वरूप संपूर्णपणे पालटते असून पूर्वीच्या नैसर्गिक संसाधनावर आधारीत असलेली परिवहन व्यवस्था जवळपास ल्यास जाताना दिसत आहे ती व्यवस्था केवळ पर्यावरणाला पूरक होती असे नसून ती देशातील सामान्य माणसाच्या रोजगारीचा विचार करून निर्माण झाली होती त्यामुळे तिच्यामध्ये देशातील सर्वहारा समाजाला रोजगार देण्याची क्षमता असल्याचे दिसून येते. आज देशाच्या परिवहन व्यवस्थेत आमूलाग्र बदल झालेला आहे. हे मान्य केले तरी या परिवहन व्यवस्थेमध्ये यांगिकतेला मर्यादित अक्षय अधिक प्राधान्य आहे हे सुद्धा दिसून येते आणि दूसरे त्याहीपेक्षा महत्त्वाचे म्हणजे, ही व्यवस्था जनसामान्यांचा रोजगार म्हणजेच जगण्याचा अधिकारच हिरावून घेणारी आहे. याच बरोबर ती पर्यावरणाचा

संवेदन शुन्य होवून नाश करणारी आहे त्यामुळे या परिवहन व्यवस्थेचे माणसाच्या जगण्यावर प्रतिकूल परिणाम होत आहे हे वास्तव समजून घेणे आवश्यक आहे तसेच माणसामाणसातील नाते, संवाद या महत्त्वाचा बाबींची दखल घेण्यासाठी या व्यवस्थेत पूरसा वाव नाही त्यामुळे या व्यवस्थेत माणूस व समाज जरी गतिशिल झालेला दिसत असला तरी तो संवेदना हीण होत असलेला दिसून येतो त्यामुळे या व्यवस्थेच्या चांगल्या गोष्टींचा विचार करित असतानाच यातील दुष्परिणामांचा ही गंभीर विचार होण्याची गरज आहे आणि परिवहन व्यवस्था ही व्यक्ती निष्ठेकडून समूह निष्ठेकडे कशी नेता येईल या संबंधी मूलभूत विचार करणे आवश्यक आहे.फ

परिसंवादातील दुसरे प्रमुख वक्ते माननिय प्रद्युम्न सहस्रभोजनी म्हणाले की, परिवहन व्यवस्था निश्चित करताना मानवी जिद्धाळा व आधुनिक तंत्रज्ञान तसेच नैसर्गिक संसाधने यांचा समतोल समन्वय साधून निर्माण करणे, सर्वांसाठी हितकारक ठरेल. परिसंवादाची अध्यक्षता माननिय प्राचार्या डॉ. मालती रेड्डी यांनी केली आणि या दोन्ही गणमान्य वक्त्यांच्या विचारांचा परामर्श त्यांनी घेतला.

या परिसंवादासोबतच रस्ते वाहतूकीतील पारंपारीक व अत्याधुनिक मॉडेल्सचा सहभाग प्रदर्शनमध्ये केला गेला. हे प्रदर्शन महाविद्यालयातील विद्यार्थ्यांसाठी अतिउपयुक्त ठरले.

परिसंवादाचे प्रास्ताविक डॉ. गौतम कांबळे, अर्थशास्त्र विभाग प्रमुख यांनी केले तर आभार डॉ. अविनाश फुलझेले, इतिहास विभाग प्रमुख यांनी केले. कार्यक्रमाला महाविद्यालयातील सर्व प्राध्यापक वृंद व विद्यार्थी यांचा मोठा सहभाग होता.

मानसशास्त्र विभाग

2014-2015 या शैक्षणिक वर्षात मानसशास्त्र विभागात खालीलप्रमाणे कार्यक्रम घेण्यात आले.

दि. 22 सप्टेंबर 2014 ला मानसशास्त्र अभ्यास मंडळाचे उद्घाटन आणि मनोसामाजिक समुपदेशन केंद्राचा वतीने 'मनोविकास' हा विद्यार्थ्यांसाठी मार्गदर्शन कार्यक्रम घेण्यात आला या कार्यक्रमाच्या प्रमुख पाहुण्या व वक्त्या डॉ. स्नेहल खेर, डॉ. प्रतिभा लाडे यांनी विद्यार्थ्यांना बहुमोल असे मार्गदर्शन केले. या कार्यक्रमात डॉ. खेर यांनी मानसशास्त्रीय मार्गदर्शन व समुपदेशकाची भूमिका या बद्दलच्या महत्वाच्या बाबी त्यांनी विद्यार्थ्यांसमोर मांडल्या. आनंद मिळविण्यासाठी चिंता सोडून छोदया-छोदया गोष्टीतून आनंद मिळविणे निराशा सोडून आशेत जगले तर आनंदाची भावना प्रबळ होते. काही किचकट प्रश्न सोडविता येत नसले तर त्यासाठी समुपदेशकाकडे जाणे योग्य असे अत्यंत सुलभरित्या त्यांनी प्रतिपादन केले.

डॉ. प्रतिभा लाडे यांनी सुखी जिवनाचे अष्टांग मार्ग सांगून विद्यार्थ्यांना मार्गदर्शन केले. स्वतः स्वतःला सल्ला (Self Suggestion) द्या त्यातून मार्ग नक्की सापडतील, निराशामय वातावरणात वावरत असाल तर त्याच त्या गोष्टीची पुनरावृत्ती न करता नवीन काही करायला शिका, परिस्थिती नकारात्मक जरी असली तरी त्यातूनही काही सकारात्मक मिळतं का हे बघा, अशा प्रकारचे मुद्दे त्यांनी त्यांच्या अष्टांग मार्ग मध्ये विद्यार्थ्यांसमोर मांडले.

या कार्यक्रमाचे अध्यक्षस्थान महाविद्यालयाचे प्राचार्य डॉ. प्रकाश खरात यांनी भुषविले. या कार्यक्रमाचे प्रास्ताविक व पाहुण्यांचा परिचय प्रा. रोहिणी मेश्राम (मानसशास्त्र विभाग) यांनी दिला. बी.ए. तृतीय वर्षाची विद्यार्थ्यांनी कु. सोनू राऊत हिने सुत्रसंचालन तर आभार प्रदर्शन कु. भाग्यश्री (बी.ए. भाग-1) हिने केले. कार्यक्रमाच्या यशस्वीतेसाठी प्रा. अमित धमगाये व लॅब असिस्टंट श्री. तक्षक रामटेके यांनी सहाकार्य केले. या कार्यक्रमाला विद्यार्थी व इतर प्राध्यापकांनी मोठया संख्येने उपस्थिती दर्शविली.

Class Activities :- B.A. Part-I

- विद्यार्थ्यांचे SWOT Analysis करून त्यांच्यातील क्षमता वाढविण्यावर मार्गदर्शन करण्यात आले.
- आत्मविश्वास वृद्धीसाठी स्व-परिक्षण वय चर्चा घेण्यात आली.

- मानसशास्त्र विषयाची उपयोगिता यावर मार्गदर्शन.
- महाविद्यालयातील मनोसामाजिक समुपदेशन केंद्राची माहिती व मार्गदर्शन.

Class Activities :- B.A. Part-II - (Field Visit)

बी.ए. भाग -2 च्या विद्यार्थ्यांनी बुटीबोरी येथील संज्ञा संवर्धन संस्था येथे भेट दिली. (संस्था विशेष बालकाची आहे)

"Mobile-Whats App" फायदे/तोटे यावर गटचर्चा 12 डिसेंबर 2014 रोजी सेमिनार घेण्यात आले.

1. निकिता शेळके
2. राजवी म्हैसगवळी - संप्रेशन

बी. ए. भाग-2 व 3 च्या विद्यार्थ्यांनी वृक्षारोपण, झोपडपट्टीत कपडे वाटप तसेच एच-1 एन-1 च्या पुर्वदक्षतेसाठी मेडिकल जी.एम.सी च्या आवारात मास्क वाटप केले.

Class Activities :- B.A. Part-III

बी.ए. भाग-3 च्या विद्यार्थ्यांनी खालील विषयावर प्रोजेक्ट केले.

शिर्षक :

'विद्यार्थी व विद्यार्थ्यांनीमधील सकारात्मक मानसिक स्वास्थ्य आणि पर्यावरणाविषयी अभिवृत्ती यांचा तुलनात्मक अभ्यास' या अभ्यासासाठी 15 ते 20 वयोगटातील एकूण 100 विद्यार्थी व विद्यार्थ्यांनी यांचा समावेश करण्यात आला प्रस्तूत अभ्यासातून पुढील निष्कर्ष मिळाले.

निष्कर्ष :-

1. 'विद्यार्थी व विद्यार्थ्यांनीमध्ये सकारात्मक मानसिक स्वास्थ्य बाबत सांख्यिकीय दृष्ट्या फरक आढळून येत नाही'.
2. विद्यार्थी व विद्यार्थ्यांनीमध्ये त्यांच्या पर्यावरण विषयक अभिवृत्तीत फरक आढळून येत नाही.

बी. ए. भाग-2 बी.ए. भाग-3 च्या विद्यार्थ्यांना छिन्नमनस्कता (Schizophrenia) यावर देवराई सिनेमा दाखविण्यात आला व त्यांना छिन्नमनस्कता कारणे, लक्षणे व उपचार यावर मार्गदर्शन करण्यात आले.

निरोप समारंभ दि. 9 मार्च 2015.

बी.ए. भाग- 1 व 2 च्या विद्यार्थ्यांनी मानसशास्त्र विभागात तृतीय वर्षाच्या विद्यार्थ्यांना निरोप समारंभ दिला. मानसशास्त्र दृष्टिने अवधान वाढावे व सृजनात्मकतेच्या दृष्टिने नवीन नवीन खेळ खेळले. सुत्रसंचालन कमलेश खोब्रागडे व प्रियंका कदम हिने केले.

मनो-सामाजिक समुपदेशन केंद्र

डॉ. आंबेडकर महाविद्यालयाच्या मानसशास्त्र विभागात महाविद्यालयातील विद्यार्थ्यांच्या समस्याबाबत मार्गदर्शन करण्याच्या दृष्टिने मनोसामाजिक केंद्र (Psycho-Socio Counselling Cell) चालविल्या जाते. या केंद्राच्या समन्वयिका प्रा. रोहीणी मेश्राम (मानसशास्त्र विभाग) व प्रा. शिल्पा मेश्राम (समाजशास्त्र विभाग) तसेच प्रा. संगिता सोमवंशी (समाजशास्त्र विभाग) व प्रा. अमितकुमार धमगाये (मानसशास्त्र विभाग) यांनी शैक्षणिक सत्र 2014-15 मध्ये दर गुरुवारी 10 ते 12 या कालावधीत विद्यार्थ्यांना वैयक्तिक, अभ्यासविषयक, विविध समायोजन विषयक, कौटुंबिक समस्या सोडविण्याबाबत मार्गदर्शन करण्यात आले. या मार्गदर्शनासाठी शिक्षकेत्तर कर्मचारी देखील आले होत. तसेच या मार्गदर्शनाचा विद्यार्थ्यांना फायदा झाला किंवा नाही याबाबतचे त्यांचे मत प्रतीभरण (Feedback) देखील विद्यार्थ्यांकडून घेण्यात आले. समुपदेशनासाठी एकूण 38 विद्यार्थी आले होते.

PSYCHO-SOCIO COUNSELLING CELL

Thursday:- 10.00 am to 12.00 pm

- Parental Separation (she was referred to Dr. Anand Saoji).
- Health problem.
- Relationship problems (love, family, friends).
- Loneliness, Helplessness.
- Lack of confidence.
- Financial problem.
- Over thinking.
- Family problem (her husband want divorce)
- Lack of Communication Skill.
- Exam phobia & Anxiety of English subject.

मराठी विभाग

२०१४ - २०१५ कार्यक्रम १ ला

दरवर्षीप्रमाणे या वर्षीच्या सत्रांत देखिल मराठी विभागाद्वारे विद्यार्थ्यांच्या सहाय्यक अभ्यासाच्या आशयाने कार्यक्रम घेण्यात आले. ज्यामध्ये अनेक प्रकारच्या कार्यक्रमाचा समोवशा आहे.

सप्टेंबर २०१४ मध्ये व्याख्यान आयोजित करण्यात आले. पी. डब्ल्यू. एस P.W.S. महाविद्यालयाचे विभाग प्रमुख डॉ. इंद्रजीत ओरके हे व्याख्यानाचे भाष्यकार होते 'विद्यार्थी जीवन व अभ्यास' या विषयावर त्यांनी विद्यार्थ्यांना मार्गदर्शन केले. कार्यक्रमाच्या अध्यक्ष स्थानी डॉ. प्रकाश खरात उपप्राचार्य (कलाशाखा) होते. त्यांनीही या प्रसंगी विद्यार्थ्यांना मार्गदर्शन केले. संयोजिका डॉ. मालती इंगळे त्यांनी हा कार्यक्रम घडवून आणला कार्यक्रमाला प्रचंड संख्येने विद्यार्थी वर्ग व प्राध्यापक वर्ग उपस्थित होते. कार्यक्रमाला महाविद्यालयाचे प्राचार्य जातीने उपस्थित होते.

ऑगस्ट २०१४ कार्यक्रम २ ला

व्याख्यानाच्या, मालिकेत सुप्रसिद्ध साहित्यिक डॉ. भालचंद्र जोशी यांचे व्याख्यान आयोजित करण्यात आले. 'साहित्य आणि मानवता' हा विषय त्यांनी रंगविला. व्याख्यानाला प्राचार्य, डॉ. पी.सी. पवार, उपप्राचार्य डॉ. पी. ओ. खरात संयोजिका डॉ. मालती इंगळे व समस्त प्राध्यापक वर्ग उपस्थित होता विद्यार्थी वर्गाची प्रचंड उत्सुकता या कार्यक्रमाच्या संदर्भात होती. जोशी सरांचे परखड विचार विद्यार्थ्यांना आवडले. संयोजिका डॉ.

मालती इंगळे यांनी हा कार्यक्रम घडवून आणले.

सांस्कृतिक कार्यक्रम

Extra Co-curricular Activities

महाविद्यालयात बऱ्याच वर्षांपासून हा कार्यक्रम घेण्यात येत आहे. ज्यात,

- १) निबंधस्पर्धा
- २) वक्तृत्वस्पर्धा
- ३) समयस्फूर्त स्पर्धा
- ४) रांगोली स्पर्धा
- ५) भावगीत स्पर्धा

हा कार्यक्रम दरवर्षी डॉ. मालती इंगळे घेत असतात हे सर्व कार्यक्रम स्पर्धात्मक असून विद्यार्थ्यांना प्रथम, द्वितीय, तृतीय व उत्तेजनात्मक प्रमाणपत्र दिले जातात. विद्यार्थी वर्ग अतिशय उत्सूर्तपणे ह्यात भाग घेत असतो.

निरोप समारंभ - २०१४

B.A III च्या विद्यार्थ्यांना निरोप देण्यात आला. या प्रसंगी प्राचार्य, प्राभारी प्राध्यापक वर्ग व B.A III चे विद्यार्थी, व B.A I व B.A II चे विद्यार्थी मोठ्या संख्येने उपस्थित होते. B.A III च्या विद्यार्थ्यांना या प्रसंगी मार्गदर्शन करण्यात आले व विद्यार्थी वर्गांना परीक्षेच्या शुभेच्छा व्यक्त करण्यात आल्या.

UNNATI

Unnati is a Personal Growth and Skill Development programme introduced by Late. Dr. R. Krishnakumar former Principal, Director for College Development and Hon'ble Vice Chancellor of Yaswantrao Chauhan, Maharashtra Open University in 2002-2003 in association with Vidharbha Industries

Association. This year it was the 13th Batch consisting of 80 students from Arts, Commerce & Science stream. In the month of August all the preparations were completed and regular classes started from 25-08-2014 and concluded in the month of January 2015. The time table is given below.

Sr. No.	Date	Topic	Faculty
1	25-8-2014	Introduction to UNNATI	Dr. Mrs. P. M. Siriya
2	26-8-2014	Shedding Inhibitions	Dr. Suresh Chari
3	27-8-2014	Perception & Attitude	Dr. Sachin Narale
4	28-8-2014	Knowthyself & SWOT	Jigna Thakkar
5	30-8-2014	Goal Setting	Kumar Zilpelwar
6	09-01-2014	Decision Making	Dr. Atul Shringarpure
7	09-02-2014	Body Language	Nitin Thakkar
8	09-03-2014	Public Speaking	Javed Khan Rana
9	09-04-2014	Public Speaking	Manish Kurjekar
10	09-05-2014	Public Speaking	Manish Kurjekar
11	09-06-2014	Assertiveness/Aggressiveness & Passivity	Ashit Sinha
12	09-08-2014	Review	Dr. Suresh Chari
13	09-09-2014	Decision Making	Dr. Atul Shringarpure
14	09-10-2014	Leadership	V. Murali
15	09-11-2014	Qualities of a Good Leader	V. Murali
16	09-12-2014	Team Building	Dr. Charu Baheti

Sr. No.	Date	Topic	Faculty
17	13-09-2014	Public Speaking	Mukesh Asher
18	15-09-2014	Rationality	Dr. Rashmi Bansal
19	16-09-2014	Time Management	Deeplaxmi Khedkar
20	17-09-2014	Managing Emotions	Suman Tiwari
21	18-09-2014	Rationality	Dr. Rashmi Bansal
22	19-09-2014	Human Relations	Dr. Sunil Patil
23	20-09-2014	Manners & Etiquettes	Anushka Karira
24	22-09-2014	Review	Dr. Suresh Chari
25	23-09-2014	Manners & Etiquettes	Anushka Karira

The program was concluded on 24th January 2015. President of the concluding function of Unnati was Hon'ble Shri. S.J. Fulzele, Secretary, P.P. Dr. Babasaheb Ambedkar, Smarak Samiti, Chief guest was Dr. Vinayak S. Deshpande – Hon'ble Vice-Chancellor of RTM Nagpur University, Guests of Honour were Shri. N. R. Sute, Shri. V. T. Chikate, Shri. V. M. Gajgahte, Members, Smarak Samiti, Shri Atulkumar Pande, President-VIA, Shri. Rohit Agrawal, Secretary-VIA, Dr. Sudhir Fulzele, Director, Dr. Ambedkar Institute of Management Studies & Research. Dr. P. C. Pawar, Principal welcome the guests. Dr. Mrs. Pratibha Siriya, co-ordinator, briefed about Unnati and its aims and objectives. On this occasion all the faculty members of Unnati were felicitated by offering flowers and presenting a memento, in recognition of their services rendered to our institution. Feedback on behalf

of all the faculty members was given by Dr. Sapna Sharma and Shri V. Murali. Feedback on behalf of all the participants of Unnati was given by Gyaniram Gokhle-Arts Faculty, Mayank Reddiwar-Commerce Faculty and Sheetal Chide-Science Faculty. Dr. Suresh Chari, Pilot faculty of Unnati and Shri Girish Deodhar-Coordinator, IIF-VIA also spoke on this occasion. Proceedings were conducted by Dr. Mrs. Pratibha Siriya, Coordinator of Unnati, Ms. Sharmishtha Dasgupta, Ms. Kajol Mukherjee and Ms. Pranjali Bhujade, while vote of thanks was proposed by Miss. Apurva Gangapurkar. Mr. Ashwin Gawande, Mr. Akash Kshirsagar, Mr. Shanttanu Chari introduced the guests. On this occasion all the students of DACN, Teaching and Non-teaching staff members were positively present. The programme was concluded with the National Anthem.

E D Cell

Dr. Ambedkar College installed Entrepreneurship Development Cell in the college during the year 2002-03 in collaboration with Maharashtra Centre for Entrepreneurship Development (M.C.E.D.), Udyog Bhavan, Nagpur. The objective of the Entrepreneurship Development Cell is to encourage self-employment among the students from the undergraduate level itself..

The mission of the E.D. Cell is to help the students to make themselves independent in this competitive world by developing entrepreneurial and managerial capabilities in them. For this, every year E.D. Cell organizes 14 days training programme. This year "Development Programme for Self-Employment" was held from 21st September, 2014 to 5th February, 2015 on every Sunday in collaboration with M.C.E.D., Nagpur. In all 41 students from Arts, Commerce, Science participated in this training programme.

In the training programme, Project Officers of M.C.E.D. inform the students about numerous opportunities available in various fields for enterprising individuals. The officers guide the students about various small scale industries, service sectors, small scale business opportunities that could be chosen by enterprising individuals. They inform the students about different loan schemes of Government available for these. The participants were also given guidance for the qualities required by the entrepreneurs like goal setting, communication skills, positive thinking, importance of inter-personal relationships, S.W.O.T. analysis etc. Guidance was given to the students for bank formalities, small scale industries registration, preparation of project report, market survey methodology, working

capital management, costing, pricing, various loan schemes of government etc. Experience sharing sessions with successful entrepreneurs were also held.

Practical demonstration was given on the preparation of decorative candles, detergent powder, liquid detergent, white phenyl, perfumes, bakery products, artificial flower making, gift articles, vermicompost, glass painting, handicraft articles, bag making, aquarium, artificial fountain, wax doll, chocolate making, murals, ceramic pots, etc. The students were explained in detail about investment required, planning of the project, market survey for some industries, and profit range for these industries. The students sincerely attended and enjoyed the training program.

The valedictory function was organized on 12th March, 2014. Shri V.A. Kshirsagar, Project Officer, MCED, Nagpur, Dr. P. C. Pawar, Principal were present on this occasion. Prof. A. M. Badar gave introductory remarks. Shri V. A. Kshirsagar lauded the efforts taken by the college for being the only non-professional college in Vidharbha conducting such a beneficial program regularly for the students since many years. He congratulated the college for introducing the students to the concept and idea of entrepreneurship which is neither in the syllabus of university nor taught at home by parents.

Dr. P. C. Pawar, Principal gave very valuable advice to the students. He emphasized the need of skill development in students' life which can be utilized to earn livelihood in the future life. According to him the number 0 to 1 look small, but together can make large

miracles. Similarly small qualities can contribute significantly to mould a person into a successful entrepreneur. He advised the students not to worry about very distant future but to concentrate on near future. He appealed the students to take maximum advantage of such training programmes conducted in the college to become self-independent. Thereafter, a few students expressed their views regarding this

training program. According to them the students were highly benefited by this training program. Certificates were distributed to the students. Dr. Durga Puttevar conducted the proceedings of the function and presented a motivational power point presentation. The coordinators Prof. A. M. Badar, Dr. D. H. Puttevar and Prof A. A. Meshram worked hard to make the training program very successful.

National Cadet Corps

Mr. Sujit S. Chavhan, Care-Taker of NCC attended an interview held on 25th Sept. 2014 at Shiv Chhatrapati Sports Complex, Balwadi, Pune. It was conducted by The Selection Board for ANOs. He has been selected for PRCN Course to be held during 20 July to 17th October 2015.

At present, NCC army unit has granted a unit of 107 cadets, that comprises both senior division cadets (SD- Boys) and senior wing cadets (SW-Girls).

Activities In The Year 2014-15.

Orientation programme was conducted for the new cadets. The motto of the programme was to provide information about various activities and programmes of NCC.

- Interview was held on first week of July for the selection of proper NCC cadets by Mr. Sujit S. Chavhan (ANO).
 - ALL NCC Cadets actively participated in 'GOLDEN JUBILEE YEAR CELEBRATION' which was organised at Deshpande Hall, Civil Lines, Nagpur. Former President of India, Dr. A. P. J. Abdul Kalam was the Chief Guest.
 - NCC unit organized Tree Plantation programme in college campus on the occasion of 'Forest Protection Day' on 23rd July 2014.
 - Campus cleaning drive was undertaken on the celebration of 68th Independence Day in the premises of Dr. Ambedkar College and holy premises of Deekshabhoomi.
 - All NCC cadets participated in 'Teachers Day' programme on 5th September 2014.
 - All NCC cadets participated in 'Dhammachakra Pravartan Divas' on 3rd Oct 2014 which was celebrated in the premises of holy Deekshabhoomi, Nagpur.
- Special efforts were taken to guide the visitors for travel needs, food zones, book stalls, places of interest in and around Nagpur city, etc.
 - All NCC cadets participated in various units that were formed for celebration of Dhamachakra Pravartan Divas on 3rd Oct 2014 by P. P. Dr. Babasaheb Ambedkar, Smarak Samitee, Deekshabhoomi.
 - Visit to NCC KOTE in Civil Lines, Nagpur for cleanness of GUN and practice of rifle on 18th October and 20 Dec 2014
 - A workshop on 'Competitive Examination-MPSC/UPSC' was conducted on the occasion of 'National Integration Day-20 Oct 2014'.
 - Total 15 NCC Cadets participated in 'SARDAR VALLABHBHAI PATEL AKHIL BHARTIYA DAUD' ON 31st Oct 2014 on the birth anniversary of Sardar Vallabhbhai Patel in Savindhan square.
 - NCC cadets 5 SW (Girls) + 5 SD (Boys) took part in the Air show at Shivangaon airport on 24th Nov 2014.
 - All NCC Cadets celebrated 'The Constitution Day' on 26th Nov 2014 in Dr. Ambedkar College, Deekshabhoomi, Nagpur. Principal, Dr. Prakash Kharat, was the speaker of the programme
 - Tree Plantation Programme was held on 1st Dec 2014 in the college premises on the occasion of NCC Day.
 - All NCC Cadets participated in 'ABHIVADAN ESSAY COMPETITION' organized on 6th Dec 2014 on the occasion of 'P. P. Dr. Babasaheb Ambedkar Mahaparinirvan Divas' in Dr. Ambedkar College, Nagpur.

- All NCC Cadets participated in 'Readers and Writers Club Programme' organised for blind students by DACN.
 - In collaboration with Maitriya Pariwar at Vishnuji Ki Rasoi on Vishwakarma Birth Anniversary NCC unit organized blood donation camp on 19th Sept 2014 and again in collaboration with Govt. Blood Bank Medical College, Nagpur NCC unit organized Blood Donation Camp on 7th Jan 2015.
 - A workshop on NCC B-cert examination Programme was organized on 10th Jan 2014. The speaker of the programme was JCO-Ram Singh, 20 MAH BN NCC
 - All NCC Cadets participated at the inauguration of IT Lab organised on 17th Jan 2015 for HPCL-Hindustan Petroleum Corporation limited in IT lab.
 - The campaign of Swachya Bharat Abhiyan [Clean India Mission] was conducted on 24th Jan 2015 in the premises of Dr. Ambedkar College, Deekshabhoomi, Nagpur.
 - Campus cleaning drive was undertaken on the Occasion of '66th Republic Day' by the NCC Deptt.
 - All 33 SD (boys) + SW (girls) faced 'B' Cert Examination on 7th Feb 2015 under the guidance of Mr. Sujit S. Chavhan, ANO (NCC).
- Achievements :**
- CHM Pankaj Chavhan, JUO Nirbhay Channe, Devendra Sahu, Jaya Patil, and Pradnya Bagade were participated in 'Combined Annual Training Camp' CATC, Held On 17th June to 26th June 2014 At Police Line Takli, Nagpur.
 - JUO Nirbhay Channe, Prakash Markande, JUO Vicky Harshe, Chandrashekkar Gajbhiye participated in 'Thal Sainik Camp', held for 19th July to 28th July at Police Line Takli, Nagpur
 - Cadet Ankita Wadekar was selected for 'Inter Group Kabaddi Competition for NCC National Games on 24th July 2014 on behalf of NCC group head quarter 20 MAH BN NCC, at SFS School, Sadar Bazar Road, Nagpur.
 - Cadet Gaurav Nikure and Cadet Shubham Patle were selected for 'Inter Group Hockey Competition for NCC National Games on 2nd Aug 2014 on behalf of NCC group head quarter 20 MAH BN NCC, At Nagpur Veterinary College, Nagpur.
 - SUO Pravin Tagade and NCC cadet Satish Bansod participated in 'TREKING CAMP' At Tirupati. They represented Dr. Ambedkar College, Deekshabhoomi, Nagpur in Tirupati.
 - SUO Shital Gurupanch, Kiran Vishwakarma, Bishnupriya Hata and Anushree Modak were participated in 'CATC-616 Camp, held at Charmalaya Gopuri Wardha held from 27th Oct to 05th Nov 2014.
 - JUO Sunil Ukey, Devid Usendi, Sharad Gawali, Vishanu Kapte, Prashant Polke, Deepakkumar Mangar, participated in 'ARMY ATTACHMENT CAMP' held from 8th Jan to 19th Jan 2015 At BEG CENTRE-TB-1 KIRKEE, PUNE. They represented Dr. Ambedkar College, Deekshabhoomi, Nagpur in Pune.
 - Chinmay Khanzode, Apurv Gaiwad, Aditya Gode, Shubham Dongare, Ashish Dhamgaye participated in 'ARMY ATTACHMENT CAMP' held from 10th Feb to 21st Feb 2015 at BEG CENTRE-TB-2 KIRKEE, PUNE. They represented Dr. Ambedkar College, Deekshabhoomi, Nagpur in Pune.

Students' Grievances / Redressal Cell

The college has Students' Grievance / Redressal Cell, a very special unit which takes care of all the students' problems/ difficulties (academic/official/personal) during their college hours.

The objective of the Grievance Cell is to develop a responsive and accountable attitude among all the students in order to maintain a harmonious educational atmosphere in the Institute. A Grievance Cell is constituted for the redressal of the problems faced/reported by the students of the College with the following objectives:

- Upholding the dignity of the College by ensuring strife free atmosphere in the College through promoting cordial Student-Student relationship and Student-teacher relationship etc.
- Encouraging the Students to express their grievances / problems freely and frankly, without any fear of being victimized.
- Suggestion Boxes were installed at various places in the college building like in the Administrative Block, library, academic building etc. in which the students, who want to remain anonymous, put in writing their grievances and their suggestions for improving the Academics / Administration in the College.
- Advising students of the College to respect the right and dignity of one another.
- Advising all the students to refrain from inciting students against other students, teachers and college administration.
- Advising all staff to be affectionate to the Students and not to behave in a vindictive manner towards any of them for any reason.
- Ragging in any form is strictly prohibited in and outside the institution.

The composition of the cell is as follows:

1. Dr. P.C. Pawar – Chairperson
2. Dr. S. M. Naranje – Coordinator
3. Mr. R. S. Bagde – Member
4. Mrs. B. A. Mehere – Member
5. Dr. G.K. Kamble – Member
6. Mrs. Varsha Panbude – Member
7. Dr. S.P. Kalamdhad – Member
8. Dr. B.B. Shende – Member
9. Mrs. Ujwala Yadgire – Member

Activities:

The first meeting was held with Dr. K. M. Reddy (Director, College Development) in which plan of action was chalked out. It was as follows:

- To visit every class and introduce the cell and its members. They are advised to approach the cell members for their grievances directly, in person or in groups.
- To put suggestion boxes at different places and to open them at regular periods.
- To display and circulate notices about Students Grievance Cell.
- The cell members are to be always available to the students for their grievances (during working hours).
- The review of the work is to be taken on regular basis and accordingly remedies are to be made.
- To create website for the students grievance cell and get grievances/ suggestions online.
- To prepare feedback format for grievances of students.

Thus according to plan, members visited the classes and introduced aims and objectives of the cell. Students were motivated to approach the cell members for their grievances directly or in person or in groups. Notices were circulated in the classes as well as displayed on

the notice boards. Suggestion boxes were opened regularly. Grievances were also received by interacting with the students. Few NCC and NSS students were also recognized as the volunteers, who bring grievances from students.

The suggestions/grievances received from the students were then solved by members immediately and genuine problems were solved by approaching the concerned authorities.

Grievances:

During the session 2014-2015, the grievances were as follows:

1. To increase the number of tables and benches in reading room of college library.
2. To improve the management of college library services regarding issue of books of P G. classes, returns of books and also discipline in reading room.
3. To provide internet facility to the students in library.
4. Purchasing of prospectus for the admission should not be made compulsory to each semester for the same session.
5. To repair and keep in working condition the OHPs in the classes.
6. Teachers should conduct their classes in the rooms specified in the time-table only.
7. Water purifiers are not in working conditions and nearby space not clean and hygienic.
8. To provide teachers for EVS and Hindi subject.
9. To keep college dress code.
10. To keep girl's common room clean and to put mirror in washroom.
11. To keep classrooms clean.
12. Dust bins should be placed in every classroom.
13. Snacks / tea should be provided in concessional rate in canteen.
14. Deficiency of subject books, Journals & periodicals of National and International repute in Law department library.
15. e-library facility in law department should be available.
16. College must be affiliated to (i) Ministry of Law & Justice, (ii) Law Commission of India.
17. Online journal registration on Law sites like SSC/AIR should be made available.
18. Computer access to be provided in computerlab.
19. Law related news papers should be subscribed in law library.
20. Personal problems.

Grievances resolved:

1. Sufficient number of tables and benches were provided in the reading room.
2. About college library services, the matter was discussed in the meeting with Principal, Librarian and Library committee members and resolved.
3. Internet facility is provided.
4. The purchasing of prospectus for the admission to each semester will not be made compulsory in the same session.
5. OHPs repaired.
6. Teachers are informed to conduct their classes in the rooms specified in the time-table only.
7. Water purifiers were repaired and nearby space was cleaned and made hygienic.
8. Teachers were provided for EVS and Hindi subject.
9. Suggestion about dress code was not considered
10. Girls common room was kept clean and mirror was put in washroom.
11. Classrooms were kept clean.
12. Dust bins were placed in every corridor.
13. Snacks/ tea are provided in concessional rates in canteen.

14. Subject books, Journals & periodicals of National and International repute have been purchased in the library of Law department.
15. e-Library facility in law department is made available.
16. Concerned persons were informed to work out to get affiliation with (i) Ministry of law & Justice & (ii) law commission of India.
17. Online journal registration on law sites like SSC/AIR is under consideration.
18. Computer access will be provided in computer lab.
19. Law related news papers are subscribed in the library of Law department.
20. All personal problems were solved by members at their level. But genuine

problems were counseled at Psycho-Socio cell of the college.

Compliances:

Thus, problems of the students (personal/academic/official) were solved amicably and to their full satisfaction by addressing, interacting, providing help, guiding and counseling them properly. The cell provided moral support to needy students also. Through this cell, the teachers developed close contact with the students. Values of discipline got inculcated among the students. Members motivated the students for participation and better performance in curricular, co-curricular and extra curricular activities. They guided the students for their overall personality development and thus, helped to create responsible citizens.

Women Development Cell

The college has established Women Development Cell in the year 2002 and has been active since then. The cell has been constituted with an objective to ensure the overall well-being of female students, teaching and nonteaching women staff of the college. The cell organizes programs for creating general awareness, social awareness in particular regarding gender discrimination, about the health awareness, self protection and orientation of students, teachers and non-teaching staff.

The cell comprises of the following members:

- Dr. P.C. Pawar - Chairperson
- Dr. S. M. Naranje- Coordinator
- Mrs. B.A. Mehre- Member
- Dr. (Mrs.) P. A. Bhelwa-Member
- Dr. (Mrs.) S. P. Kalamdhad – Member
- Mrs. Sangita Somvanshi – Member
- Mrs. Shilpa Meshram – Member

During the session, the activities organized by the cell were as follows:

1. **One Day workshop on “Women's Health, Well-being & Hygiene” on the eve of International Women's day celebration.**

"Be positive, be grateful to God for all the beautiful he has bestowed you with and above all concentrate on your positive strengths in life. That is the secret mantra of well-being and a sound health", said Dr. Varsha Sagdeo, Director, Medical Education, Nagpur & Ex-Dean GMC Nagpur while addressing the gathering at the inaugural function of the day long workshop on 'Women's Health, Well-being & Hygiene' organized by Women Develop cell of the College, on 11th March 2015 at college auditorium on the commemoration of the International Women's Day celebration.

Citing the well-known definition by WHO

of 1998, which defines health as a 'dynamic state of well-being mental, social, physical and spiritual', she even said that we focus only on the physical and tend to overlook the rest. Our thoughts create an impact on our health and hence a positive attitude makes a world of difference on our health & well being.

Empowerment according to Dr. Sagdeo should also be focused in a holistic manner. She concluded her talk by saying that one should focus on integral health and integral mind and believe in yourself for the sky is the limit. Dr. Varsha Sagdeo was welcomed with a floral bouquet & a memento.

Principal of the college, Dr. P.C. Pawar welcomed the guests and Dr. Mrs. S.M. Naranje spoke about the aims and objectives of the Women Development Cell.

Seated on the dais were Secretary of the Smarak Samiti Shri. S.J. Fulzele Saheb, Director of the college Dr. Mrs. K.M. Reddy, Principal Dr. P.C. Pawar, Management member Shri. V. Gajghate, co-ordinator Dr. Mrs. S.M. Naranje & Registrar Dr. Arun Joseph. Dr. S. P. Kalamdhad ably conducted the program & proposed a vote of thanks.

Three technical sessions were conducted during the workshop. Dr. Manisha Rathi (Renound Gynecologist, Nagpur) spoke on 'Hygiene and gynecological problems'. Dr. Smita Vaidya (Nutrition expert, Apang Mahila Bal Vikas Sanstha, Nagpur) delivered the talk on 'Nutritional challenges of womanhood' and Dr. Durgeshnandini Titarmare (Head, Department of Physical Education, L.A.D. college, Nagpur) spoke on 'Importance of yoga on health and wellbeing in women' Dr. Sandhya Kalamdhad, Mrs. B.A. Mehre & Dr. Pradnya Belva conducted the sessions efficiently.

Ms. Sangita Somvanshi, Ms. Shilpa Meshram, Ms. Leena Kamble, Ms. Shital Kurve,

and students volunteers worked hard for the success of the program.

The program was concluded with the vote of thanks proposed by Dr. P. Bhelwa. Large number of girl students attended the program.

2. Essay competition on "Protection of women by Domestic Violence Act-2005: Boon or bane?"

An essay competition on " Protection of women by Domestic Violence Act-2005: Boon or bane?" was organized in the month of September 2014. Fifteen students submitted their essays. The essays were judged by Dr. S. P. Kalamdhad. Three best entries have been selected for prizes. Ms. Isha Damke (B.Sc.III) bagged 1st Prize, Ms. Deeksha R. Bhaisare (B. Sc. I) 2nd prize while Ms. Tanushri Das(B.Sc.I) bagged 3rd prize. The prizes and certificates were given at the hands of Adv. Rekha Barhate during the program of guest lecture organized by women development cell on 30th march 2015. Dr. K.M. Reddy (Director of college Development), Principal Dr. P. C. Pawar, Dr. S. M. Naranje (Coordinator of Women Development Cell) congratulated the winners.

HRD Cell

A spate of HR Lectures was organized by the HRD Cell of Dr. Ambedkar College, Deeksha Bhoomi, Nagpur from 20th April, 2015 to 25th April, 2015 to satiate the mental appetite of its staff members. Renowned HR Trainers from the city were invited to deliver talks on topics like:

1. "Sense of Life" by Dr. Shiny Chib.
2. "Transactional Analysis" by Dr. Sarita Modak.
3. "Team Building" by Dr. Unnati Pande Datar.
4. "Mental Health & Well Being" by Dr. Sushil Gawande.
5. "Cultivating Positivity at the Workplace" by Dr. Satish Kadam.

The entire exercise was truly fruitful & an entirely rewarding & enriching experience for the Staff Members.

The essence of the entire course, in a nutshell, was to develop a positive attitude, be open to assimilate, absorb & adapt to change & above all try to be innovative & understanding.

Dr. P. C. Pawar, Principal presided over this Lecture Series and welcomed the guests. Dr. Mrs. Pallavi Chopde, organized and co-ordinated the lecture series effectively. She was helped by Dr. Vilas Chopde, Dr. Mrs P. M. Siriya, Dr. Mrs. Dhanashree Borikar, Dr. Mrs. Bhuvaneshwari Mehere, Dr. Ms. Archana Meshram and Dr. Aarti Wazalwar.

(NSS) राष्ट्रीय सेवा योजना

1. 2/7/2014

रा.से.यो. प्रवेश घेण्याकरिता विद्यार्थ्यांची मीटींग घेण्यात आली. प्रवेश फार्म विद्यार्थ्यांकडून भरून घेण्यात आले. जवळपास दोनशेच्या वर विद्यार्थ्यांनी रा.से.यो. च्या 2014-15 करिता प्रवेश घेतला.

2. 12/8/2014

रा.से.यो. च्या 2014-15 च्या शाखेचे उद्घाटन समारंभ दि. 12/8/2014 ला घेण्यात आला. याप्रसंगी कार्यक्रमाचे अध्यक्ष, डॉ. श्रीमती के.एम. रेड्डी मॅडम, प्राचार्य व प्रमुख पाहुणे डॉ. टॉम्पे, मॉरेश कॉलेज हयावेळी हजर होते व त्यांनी मार्गदर्शन केले. डॉ. व्ही.एम. शिवणकर, कार्यक्रम अधिकारी, यांनी कार्यक्रमाचे प्रस्ताविक केले. तसेच प्रा. व्ही.जे. सिडाम यांनी कार्यक्रमाचे आभार प्रदर्शन केले.

3. 31/8/2014

जलदीडी रॅली त्ससलद्ध मध्ये डॉ. आंबेडकर कॉलेज नागपूर येथील रा.से.यो. च्या विद्यार्थ्यांनी भाग घेतला. कार्यक्रमाला 100 च्या जवळपास विद्यार्थी सहभागी झाले होते. सकाळ वृत्तपत्र ते ट्रॉफीक पार्क पर्यंत विद्यार्थ्यांनी रॅलीमध्ये भाग घेतला.

4. 1/8/2014

R.D. परेड Selection Camp. मध्ये सहभागी होण्याकरिता 12 विद्यार्थी गुरुनानक भवन येथे पाठविले. त्यापैकी दोन विद्यार्थ्यांची निवड अमरावतीच्या Training Camp करिता झाली.

1. संघर्ष डहाके

2. शुभम गुरनुले

वरील दोन्ही विद्यार्थी 11 ते 13 सप्टेंबर 2014 ला ट्रेनिंगमध्ये सहभागी झाले.

5. 8/9/2014

'गणेशविसर्जन' फुटाळा तलाव येथे डॉ. आंबेडकर महाविद्यालयातील 40 ते 50 NSS चे विद्यार्थी, 'निर्माल्य' जमा करण्याच्या मोहिमेत सहभागी

झाले. कार्यक्रमाकरिता प्रा. व्ही.जे. सिडाम, सहकार्यक्रम अधिकारी सहभागी झाले होते.

6. 13/9/2014

डॉ. आंबेडकर महाविद्यालयाच्या व दिक्षाभूमी परिसरात 'वृक्षारोपण' कार्यक्रम NSS विद्यार्थी व प्राचार्य डॉ. खरात यांच्या उपस्थित घेण्यात आला. कार्यक्रम अधिकारी डॉ. व्ही.एम. शिवणकर, प्रा. व्ही. जे. सिडाम, प्रा. सौ. चोरपगार उपस्थित होत्या. वृक्षारोपण कार्यक्रमानंतर, महाविद्यालय व दीक्षाभूमी परिसरात स्वच्छता अभियान राबविण्यात आले. कार्यमात रा.से.यो. चे 100 विद्यार्थी सहभागी झाले होते.

7. 19/9/2014

धरमपेठ सायंस कॉलेज, नागपूर येथे डॉ. आंबेडकर महाविद्यालय, दीक्षाभूमी नागपूर, येथील रा.से.यो. च्या विद्यार्थ्यांनी 'स्वामी विवेकानंद' यांच्या जिवणावर आधारित स्पर्धेत भाग घेतला. विद्यार्थ्यांना स्पर्धेत पुरस्कार मिळाले.

1. अश्विन राहाटे (एम.कॉम. भाग-1) रु. 3000/- (द्वितीय बक्षीस) (निबंध स्पर्धा)

2. तिलक ढोबले (बी.ए. भाग-3) रु. 2500/- (PPT मध्ये पहिला बक्षीस)

तसेच महाविद्यालयाला 11000/- रोख पारितोषिक मिळाले व ट्रॉफी मिळाली.

महाविद्यालयाचे प्राचार्य, डॉ. खरात, डॉ. रेड्डी मॅडम, डॉ. व्ही.एम. शिवणकर, प्रा. सिडाम यांनी पुरस्कार प्राप्त विद्यार्थ्यांचे अभिनंदन केले.

8. 26/9/2014

रा.तू.म. नागपूर विद्यापीठाच्या दीक्षांत समारंभा करिता रा.से.यो.चे 20 ते 25 विद्यार्थी, स्वयंसेवक म्हणून पाठविण्यात आले. कार्यक्रमाला डॉ. ए. पी. जे. कलाम, व डॉ. विजय मटकर प्रमुख उपस्थित होते. NSS च्या विद्यार्थ्यांची यादी तयार करण्यात आली व NSS ऑफीसमध्ये पाठविण्यात आली.

9. 2/10/2014

रा.से.यो. च्या डॉ. आंबेडकर महाविद्यालयातील

विद्यार्थ्यांनी 'स्वच्छ भारत अभियानात' भाग घेतला. दीक्षाभूमी व महाविद्यालयीन परिसर रा.से. यो. च्या विद्यार्थ्यांनी स्वच्छ केला. प्राचार्य, डॉ. पी. ओ. खरात हयांनी मार्गदर्शन केले. कार्यक्रम अधिकारी डॉ. व्ही. एम. शिवणकर, सहकार्यक्रम अधिकारी प्रा. व्ही. जे. सिडाम आणि रा.से.यो. च्या विद्यार्थ्यांनी स्वच्छ भारत योजनेच्या कार्यक्रमात भाग घेतला.

10. 3/10/2014

रा.से.यो. च्या डॉ. आंबेडकर महाविद्यालयातील, विद्यार्थ्यांनी धम्मपरिवर्तन कार्यक्रमाच्या प्रसंगी मैदानावरील तोरण-पताका व्यवस्था व स्टेज ची व्यवस्था सांभाळली. दि. 2/10/2014 पासून दीक्षाभूमीवर येणाऱ्या भावीकांची पादत्राने रा.से. यो.च्या विद्यार्थ्यांनी सांभाळली. दीक्षाभूमीवरील लाखो भाविकांची व्यवस्था व मार्गदर्शनाचे काम महाविद्यालयातील रा.से.यो. च्या विद्यार्थ्यांनी केले.

11. 9/10/2014

"Voters Awareness Rally" organized by NSS RTM Nagpur University, 'मतदान जनजागृती अभियान' रॅली मध्ये डॉ. आंबेडकर महाविद्यालय, नागपूर येथील रा.से.यो. NSS चे जवळपास 50 विद्यार्थी सहभागी झाले. रॅली मॉरिस कॉलेज, नागपूर येथे सुरु करण्यात आली. रॅली ला मा. कुलगुरु अभित कुमार उपस्थित होते. रा.से.यो. चे कॉलेजमधील विद्यार्थी बॅनर्स व बॅज सहीत उपस्थित राहिले व भाग घेतला.

12. 2/11/2014 राष्ट्रीय एकता दौड

डॉ. आंबेडकर महाविद्यालय, दीक्षाभूमी नागपूर येथील राष्ट्रीय विद्यार्थ्यांनी राष्ट्रीय एकता रॅली मध्ये बहुसंख्य विद्यार्थी सहभागी झाले. लोहपुरुष सरदार वल्लभभाई पटेल हयांच्या जन्मदीनी राष्ट्रीय एकता दौड संविधान चौकापासून आयोजित करण्यात आली. जिल्हाधिकारी अनुपकुमार हयांनी कार्यक्रमाला हीरवी झेंडी दाखविली व राष्ट्रीय एकतेची शपथ दिली. डॉ. आंबेडकर महाविद्यालयातील रा.से.यो. चे विद्यार्थी, कार्यक्रम अधिकारी डॉ. व्ही. एम. शिवणकर, प्रा. व्ही. जे. सिडाम रॅली मध्ये सहभागी झाले होते. रॅलीच्या यशस्वीतेकरिता विद्यार्थ्यांनी कष्ट घेतले.

13. 26/11/2014 संविधान दिवस

डॉ. आंबेडकर महाविद्यालय, दीक्षाभूमी नागपूर येथे 'संविधान दिवस' साजरा करण्यात आला. कार्यक्रमाला महाविद्यालयाचे प्राचार्य डॉ. प्रकाश खरात हयांनी विद्यार्थ्यांना घटनेचे व संविधानाचे महत्व समजावून सांगितले. विद्यार्थ्यांना मार्गदर्शन केले. कार्यक्रमाचे संचालन डॉ. व्ही. एम. शिवणकर, कार्यक्रम अधिकारी रा.से.यो. हयांनी केले. राष्ट्रीय सेवा योजनेचे व राष्ट्रीय छात्र सेनेचे विद्यार्थी कार्यक्रमाला उपस्थित होते. प्राचार्यांनी विद्यार्थ्यांना संविधानाची शपथ दिली. राष्ट्रीय सेवा योजनेच्या विद्यार्थ्यांनी संविधात रॅली आयोजित केली. कार्यक्रमाला प्रा. व्ही.जे. सिडाम, प्रा. सुजित चव्हाण कार्यक्रम अधिकारी उपस्थित होते. कार्यक्रमाच्या यशस्वीतेकरिता डॉ. व्ही.एम. शिवणकर व प्रा. व्ही.जे. सिडाम हयांनी परिश्रम घेतले.

14. 26/11/2014 'हुतात्मा दिवस'

डॉ. आंबेडकर महाविद्यालय, दीक्षाभूमी नागपूर येथे 'हुतात्मा दिवस' (Martians' day) घेण्यात आला. 26/11 च्या हल्यातील शहिदांना श्रद्धांजली अर्पण करण्यात आली. हया प्रसंगी महाविद्यालयाचे प्राचार्य डॉ. प्रकाश खरात हयांनी विद्यार्थ्यांना मार्गदर्शन केले. कार्यक्रमाला डॉ. व्ही. एम. शिवणकर कार्यक्रम अधिकारी, प्रा. व्ही.जे. सिडाम व राष्ट्रीय सेवा योजनेचे विद्यार्थी उपस्थित होते.

15. 7/1/2015 'रक्तदान शिबीर'

डॉ. आंबेडकर महाविद्यालयाच्या, 'राष्ट्रीय सेवा योजना' युनिट तर्फे महाविद्यालयात रक्तदान शिबीर घेण्यात आले. शासकीय मेडीकल कॉलेज नागपूर हयांच्या सहयोगाने महाविद्यालयात रक्तदान शिबीर घेण्यात आले. रा.से.यो. च्या विद्यार्थ्यांनी व एन.सी.सी. च्या विद्यार्थ्यांनी मोठ्या संख्येने हयात भाग घेतला व रक्तदान केले. कार्यक्रमाच्या यशस्वीतेकरिता डॉ. व्ही.एम. शिवणकर, कार्यक्रम अधिकारी रा.से.यो. व सहकार्यक्रम अधिकारी प्रा. व्ही.जे. सिडाम, प्रा. चोरपगार, प्रा. मेश्राम, हयांनी परिश्रम घेतले.

16. 12 ते 18 जानेवारी 2015 'विशेष शिबीर रा. से.यो.'

डॉ. आंबेडकर महाविद्यालय दीक्षाभूमी नागपूर येथील रा.से.यो. शिबीर जामठा, जि. नागपूर येथे आयोजित करण्यात आले. शिबीराचे उद्घाटन महाविद्यालयाचे प्रभारी प्राचार्य डॉ. ए. एन. पौनिकर, सरपंच बेबीताई ढगे हयांच्या उपस्थित पार पडले. कार्यक्रमाचे संचालन डॉ. व्ही.एम. शिवणकर, कार्यक्रम अधिकरी यांनी केले. शिबीर दिनांक 12 ते 18 जानेवारी 2015 व्या कालावधीत जामठा येथे घेण्यात आले. जामठा येथे आरोग्य शिबीर, नागार्जून मेडीकल ट्रस्ट व आंबेडकर अॅल्युमीनी असोशियसन तर्फे घेण्यात आले. शिबीरात जवळपास 170 रूग्णांची चिकीत्सा करण्यात आली. पाच रूग्णांचे डोळ्यांचे मोतीबिंदू शस्त्रक्रिया करण्यात आल्या. शिबीरात 'स्वच्छता अभियान' राबविण्यात आले. शिबीराचे समारोप महाविद्यालयाचे प्राचार्य डॉ. पी.सी. पवार, उपप्राचार्य, डॉ. ए.पी. जोशी, सरपंच सौ. बेबीताई ढगे हयांच्या उपस्थित पार पडला. कार्यक्रमात विद्यार्थ्यांनी आपले मनोगत व्यक्त केले. कार्यक्रमाच्या यशस्वीतेकरीता डॉ. व्ही.एम. शिवणकर, प्रा. व्ही.जे. सिडाम, प्रा. मेश्राम, हयांनी परिश्रम घेतले.

17. 31/1/2015 'रस्ता सुरक्षा अभियान'

या अंतर्गत कार्यक्रम वसंतराव देशपांडे सभागृहात घेण्यात आला. डॉ. आंबेडकर महाविद्यालयातील रा.से.यो. च्या 60 विद्यार्थ्यांनी भाग घेतला. कार्यक्रमाला प्रमुख पाहुणे महाराष्ट्राचे मुख्यमंत्री श्री. फडणविस उपस्थित होते. महाविद्यालयातील रा.से.यो. च्या विद्यार्थ्यांनी रस्ता सुरक्षेच्या संदर्भात नाटक सादर केले. रा.तु.म. नागपूर विद्यापीठ रा. से.यो. विभागाला महाराष्ट्र शासनातर्फे पुरस्कार मा. मुख्यमंत्रीच्या हस्ते देण्यात आला.

18. 1/2/2015 स्वच्छता अभियान

डॉ. आंबेडकर महाविद्यालय, नागपूर येथील रा.से. यो. च्या विद्यार्थ्यांनी दीक्षाभूमी परिसरात स्वच्छता अभियान यशस्वीपणे राबविले. कार्यक्रमाला डॉ. सुधीर फुलझेले, डारेक्टर, प्राचार्य, डॉ. पी.सी. पवार, उपप्राचार्य डॉ. ए.पी. जोशी व कार्यक्रम

अधिकारी डॉ. व्ही.एम. शिवणकर उपस्थित होते. स्वच्छता अभियान, दीक्षाभूमी परिसर संपूर्णपणे स्वच्छ करण्यात आला. हयात महाविद्यालयातील रा.से.यो. च्या 30-40 विद्यार्थी सहभागी झाले होते.

19. 23/2/2015 'दृष्टिबाधीत मुलांच्या क्रिकेट स्पर्धा-2015'

डॉ. आंबेडकर महाविद्यालय, दीक्षाभूमी, नागपूर येथे रा.से.यो. विभाग व आंबेडकर स्पोर्ट अॅकेडेमी तर्फे अंध विद्यार्थ्यांकरिता क्रिकेट स्पर्धेचे आयोजन करण्यात आल्या होत्या. अकोला येथील अंध विद्यालयातील चमू फेडरेशन अंध विद्यालय चमू, डॉ. आंबेडकर कॉलेज, नागपूरची अंध विद्यालयाची चमू व अंध विद्यार्थी ब्लाइंड रिलीफ सोसायटी, आर.आर. मुंडले, नागपूर हया सहभागी झाल्या. फेडरेशन अंध विद्यार्थ्यांना पहिले विजेते पारितोषिक प्राप्त झाले. तर उपविजेते म्हणून डॉ. आंबेडकर महाविद्यालय, नागपूर, हयांच्या अंध विद्यार्थी संघाला प्राप्त झाले. बक्षिसांचे वितरण मा. प्राचार्य, डॉ. पी.सी. पवार व डॉ. अरुण जोसेफ, रजिस्ट्रार हयांच्या हस्ते करण्यात आले. कार्यक्रमाचे आयोजन डॉ. व्ही.एम. शिवणकर, कार्यक्रम अधिकारी, रा.से.यो. व प्रा. व्ही.जे. सिडाम, सहकार्यक्रम अधिकारी आणि रा.से.यो. चे विद्यार्थी, आंबेडकर महाविद्यालय नागपूर हयांनी केले.

20. 25 व 26 फेब्रुवारी 2015

कार्यशाळा — Non-addicted classroom benches in the Higher Education - A present position and future

महाविद्यालयातील पंधरा रा.से.यो. चे विद्यार्थी हया कार्यशाळेत सहभागी झाले. वरील कार्यशाळा वसंतराव नाईक महाविद्यालय, नागपूर येथे आयोजित करण्यात आली. विद्यार्थ्यांना डॉ. व्ही. एम. शिवणकर व प्रा. व्ही.जे. सिडाम हयांनी सहभागी विद्यार्थ्यांना प्रमाणपत्रांचे वितरण करण्यात आले.

Blue LEDs – Filling the world with new light

(The Nobel Prize in Physics - 2014)

Dr (Mrs) Aarti N. Wazalwar, Department of Physics

Isamu Akasaki, Hiroshi Amano and Shuji Nakamura were rewarded the Nobel Prize for Physics for the year 2014 for inventing a new energy efficient and environment - friendly light source - the blue light - emitting diode (LED).

The white LED lamps are energy-efficient, long-lasting and emit a bright white light. Moreover, and unlike fluorescent lamps, they do not contain mercury. Red and green light - emitting diodes have been with us for almost half a century, but blue light was needed to really revolutionize lighting technology. Only the triad of red, green and blue can produce the white light that illuminates the world for us. Despite the high stakes and great efforts undertaken in the research community as well as in industry, blue light remained a challenge for three decades.

Akasaki worked with Amano at Nagoya University while Nakamura was employed at Nichia Chemicals, a small company located in Tokushima on the island of Shikoku. When they obtained bright blue light beams from their semiconductors, the gates opened up for a fundamental transformation of illumination technology. Incandescent light bulbs had lit the 20th century; the 21st century will be lit by LED lamps.

Saving energy and resources

A light-emitting diode consists of a number of layered semiconductor materials. In the LED, electricity is directly converted into light particles, photons, leading to efficiency gains compared to other light sources where most of the electricity is converted to heat and only a small amount into light. In incandescent

bulbs, as well as in halogen lamps, electric current is used to heat a wire filament, making it glow.

In fluorescent lamps (previously referred to as low-energy lamps, but with the advent of LED lamps that label has lost its meaning) a gas discharge is produced creating both heat and light. Thus, the new LEDs require less energy in order to emit light compared to older light sources. Moreover, they are constantly improved, getting more efficient with higher luminous flux (measured in lumen) per unit electrical input power (measured in watt). The most recent record is just over 300 lumen/watt, which can be compared to 19 for regular light bulbs and close to 70 for fluorescent lamps. As about one fourth of world electricity consumption is used for lighting purposes, the highly energy-efficient LEDs contribute to saving the Earth's resources.

LEDs are also more long-lasting than other lamps. Incandescent bulbs tend to last 1,000 hours, as heat destroys the filament, while fluorescent lamps usually last around 10,000 hours. LEDs can last for 100,000 hours, thus greatly reducing materials consumption.

The red light-emitting diode was invented in the end of the 1950s. They were used, for instance, in digital watches and calculators, or as indicators of on/off-status in various appliances. At an early stage it was evident that a light-emitting diode with short wavelength, consisting of highly energetic photons - a blue diode - was needed to create white light. Many laboratories tried, but without success.

Challenging convention

The Laureates challenged established truths; they worked hard and took considerable risks. They built their equipment themselves, learnt the technology, and carried out thousands of experiments. Most of the time they failed, but they did not despair; this was laboratory artistry at the highest level.

Let there be light

Akasaki, together with Amano, as well as Nakamura, also invented a blue laser in which the blue LED, the size of a grain of sand, is a crucial component. Contrary to the dispersed light of the LED, a blue laser emits a cutting-sharp beam. Since blue light has a very short wavelength, it can be packed much tighter; with blue light the same area can store four times more information than with infrared light.

This increase in storage capacity quickly led to the development of Blu-ray discs with longer playback times, as well as better laser printers. Many home appliances are also equipped with LEDs. They shine their light on LCD-screens in television sets, computers and mobile phones, for which they also provide a lamp and a flash for the camera.

Significance of the work

The Laureates inventions revolutionized the field of illumination technology. New, more efficient, cheaper and smarter lamps are developed all the time. LED lamps are thus flexible light sources, already with several applications in the field of illumination – millions of different colours can be produced; the colours and intensity can be varied as needed. Colourful light panels, several hundred square metres in size, blink, change colours and patterns. And everything can be controlled by computers. The possibility to control the colour of light also implies that LED lamps can reproduce the alternations of natural light and follow our biological clock. Greenhouse-cultivation using artificial light is already a reality. The LED lamp also holds great promise when it comes to the possibility of increasing the quality of life for the more than 1.5 billion people who currently lack access to electricity grids, as the low power requirements imply that the lamp can be powered by cheap local solar power. Moreover, polluted water can be sterilized using ultraviolet LEDs, a subsequent elaboration of the blue LED.

Some interesting facts about Nobel Prize in Physics

Dr (Mrs) Aarti N. Wazalwar, Department of Physics

On 27th November 1895, Sir Alfred Nobel signed his last will and testament, giving the largest share of his fortune to a series of prizes, the Nobel Prizes. As described in Sir Alfred Nobel's will, one part was dedicated to "the person who shall have made the most important discovery or invention within the field of physics".

The Nobel Medal for Physics

The Nobel Medal for Physics was designed by Swedish sculptor and engraver Erik Lindbergh and represents Nature in the form of a goddess resembling Isis, emerging from the clouds and holding in her arms a cornucopia. The veil which covers her cold and austere face is held up by the Genius of Science.

Number of Nobel Prizes in Physics

109 Nobel Prizes in Physics have been awarded since 1901. It was not awarded on six occasions: in 1916, 1931, 1934, 1940, 1941, and 1942.

Why were the Nobel Prizes not awarded in those years? In the statutes of the Nobel Foundation it says: "If none of works under consideration is found to be of the importance indicated in the first paragraph, the prize money shall be reserved until the following year. If, even then, the prize cannot be awarded, the amount shall be added to the Foundation's restricted funds." During World War I and II, fewer Nobel Prizes were awarded.

Shared and Unshared Nobel Prizes in Physics

47 Physics Prizes have been given to one Laureate only. 32 Physics Prizes have been shared by two Laureates. 30 Physics Prizes have

been shared between three Laureates.

Why is that? In the statutes of the Nobel Foundation it says: "A prize amount may be equally divided between two works, each of which is considered to merit a prize. If a work that is being rewarded has been produced by two or three persons, the prize shall be awarded to them jointly. In no case may a prize amount be divided between more than three persons."

Number of Nobel Laureates in Physics

The Nobel Prize in Physics has been awarded to 201 Laureates 1901-2015. As John Bardeen has been awarded twice there are 200 individuals who have been awarded the Nobel Prize in Physics since 1901.

Youngest Physics Laureate

To date, the youngest Nobel Laureate in Physics is Lawrence Bragg, who was 25 years old when he was awarded the Nobel Prize together with his father in 1915.

Oldest Physics Laureate

The oldest Nobel Laureate in Physics to date is Raymond Davis Jr., who was 88 years old when he was awarded the Nobel Prize in 2002.

Female Nobel Laureates in Physics

Of the 198 individuals awarded the Nobel Prize, only two are women. 1903 - Marie Curie (also awarded the 1911 Nobel Prize in Chemistry 1963 - Maria Goeppert-Mayer)

Posthumous Nobel Prizes in Physics

There have been no posthumous Nobel Prizes in Physics. From 1974, the Statutes of the Nobel Foundation stipulate that a Prize cannot be awarded posthumously, unless death has

occurred after the announcement of the Nobel

Married couples

Marie Curie and Pierre Curie were awarded the Nobel Prize in Physics in 1903. Marie Curie was awarded the Nobel Prize a second time in 1911, this time receiving the Nobel Prize in Chemistry.

(One of Marie and Pierre Curie's daughters, Irene Joliot-Curie, was awarded the Nobel Prize in Chemistry in 1935 together with her husband Frederic Joliot)

Father & son:

(All awarded the Nobel Prize in Physics.)

William Bragg and Lawrence Bragg – 1915
Niels Bohr, 1922 and Aage N. Bohr, 1975
Manne Siegbahn, 1924 and Kai M. Siegbahn, 1981
J.J. Thomson, 1906 and George Paget Thomson,

Isro telemetry, tracking and command network (ISTRAC), Bylalu, Bangalore

Dr (Mrs) Aarti N. Wazalwar, Department of Physics

The **Indian Deep Space Network (IDSN)** which is an Indian network of large antennas and communication facilities that supports the interplanetary spacecraft missions of India. It is located at **Bylalu**, a village about 40 km from **Bangalore, India**. There were various antennas in the premises that were used for tracking the motion of the various satellites in the orbit. Like, there are antennas, some of which are of the size of 11m or 8m and an antenna which is the largest in Asia which has a diameter of about 32m.

ISTRAC is responsible for providing Space Operation services that include spacecraft control, TTC support services and other related

projects and services, for the launch vehicle and low earth orbiting spacecraft and deep space missions of ISRO and other space agencies around the world. Development of RADAR systems for tracking & atmospheric applications and Establishment of Ground Segment Network for Indian Regional Navigation Satellite System of ISRO are the additional responsibilities of ISTRAC.

The **Indian Deep Space Network (IDSN)**, commissioned during the year 2008, at **Bylalu village near Bangalore** formed the Ground segment for providing deep space support for India's prestigious and first Lunar mission, the **Chandrayaan-1**.

The network consists of a fully steerable 18 m (59ft) and a 32 m (105 ft) DSN antenna which improves the visibility duration when compared with the existing ISRO Telemetry Tracking and Command Network (ISTRAC). The Indian Deep Space Network implements a baseband system adhering to Consultative Committee for Space Data Systems (CCSDS) Standards thus facilitating cross-support among the Telemetry Tracking Command (TTC) agencies.

At the entrance itself, a GMT clock is located. It coincides with the GMT time. The aim of this facility was to obtain the data successfully from all the satellites. Earlier it successfully got data from the Chandrayaan Mission for 10 months. Presently it receives data from Mars.

The Indian Deep Space Network has been built to track and support India's first lunar mission Chandrayaan-1, an unmanned lunar exploration mission by the Indian Space Research Organisation (ISRO), India's national space agency. It was launched on 22nd October 2008. The IDSN was used for tracking, orbit control and housekeeping operations of India's lunar mission for its entire duration of operation (Planned was 2 years though achieved only 312 days). IDSN began to track Chandrayaan 17 minutes after its launch from the Satish Dhawan Space Launch Centre at Shriharikota, when the satellite separated from the launch vehicle.

The two antennas at the complex have built-in support facilities. A fiber optic link will provide necessary communication link between the DSN Station and SCC / NCC / ISSDC. The 18 m antenna has provision to receive two downlink carriers in S-Band and two carriers in X-Band (RCP and LCP), whereas the uplink is either RCP or LCP. The 32 m antenna is of a wheel-and-track design. This antenna is designed to provide uplink in both S-Band and X-Band (20 kW) either through RCP or LCP. The reception capability will be in both S-Band and X-Band (simultaneous RCP and LCP). It can receive two carriers in S-Band and two carriers in X-Band. The system will

have a G/T of 37.5/51 dB/k (45° elevation, clear sky) for S/X Band. The station may be controlled remotely from the ISTRAC Network Control Centre (NCC). The IDSN facility in Bialalu also houses the ISRO Navigation Centre (INC). The INC has a high stability atomic clock. It is used to co-ordinate 21 ground stations in India. The base-band will adhere to CCSDS Standards facilitating cross-support among the space agencies. The station is also equipped for remote control from the ISTRAC Network Control Centre (NCC). The second antenna is an 18-meter Deep Space Antenna. The third antenna is an 11-meter terminal.

The Antenna uses a Beam Waveguide System consisting of seven mirrors for focusing and guiding the signals towards feed. It has Di Chroic mirrors for S & X band frequency separation. It is Cryo cooled for low noise. It has internal amplifier system and the internal components are cooled upto - 250 C.

IDSN is presently being used to track the on-going Mars Orbiter Mission (MOM) also known as Mangalyaan. The mission of the ISTRAC includes:

- Tracking, commanding and housekeeping data acquisition as well as health analysis and control, orbit and attitude determination and network co-ordination support to all low Earth orbit satellite missions of ISRO throughout their mission life.
- Telemetry data acquisition support for ISRO launch vehicle missions from lift off until satellite acquisition and down range tracking support for monitoring and determining the satellite injection parameters.
- Coordinating between spacecraft and launch vehicle teams, supporting ground stations right from planning till the completion of mission for the national and international satellite missions.
- Telemetry, tracking and command support for the International satellite launch projects.

Brain Tumor

Rohit S. Ramgikar, Department of Biotechnology

A network of nerves carries messages back and forth between the brain & the rest of the body. Some nerves go directly from the brain to the eyes, ears and other parts of the head other nerves run through the spinal cord to connect the brain with the other parts of the body.

The three major parts of the brain control different activities :—

- **Cerebrum** : The cerebrum uses information from our senses to tell us what is going on around us & tells our body how to react. It controls reading, thinking, learning, speech & emotions. It divides into left & right cerebrum hemisphere, right controls muscles on left side of the body & left controls right side of the body.
- **Cerebellum** : It controls balance for walking & standing, & other complex action.
- **Brain Stem** : The brain stem connects the brain with spinal cord. It controls breathing, body temperature, B.P. and other basic body functions.

Tumor Grades and Types : When most normal cells grow old or get damaged, they die, & new cells take their place. Sometimes this process goes wrong. New cells form when the body doesn't need them, & old or damaged cells don't die as they should. The buildup of extra cells often forms a mass of tissue called tumor.

Primary brain tumors can be benign or malignant :

- Benign brain tumors do not contain cancer cell :
- Usually, benign tumors can be removed, & they seldom grow back.

- Benign brain tumor usually have an obvious border or edge. Cells from benign tumors rarely invade tissues around them. They don't spread to other parts of body.
- Unlike benign tumors in most other part of the body, benign tumors are sometimes life threatening.
- Benign brain tumors may become malignant.
- Malignant brain tumors (also called brain cancer contain cancer cells)
- Malignant brain tumors are generally more serious & often are a threat to life.
- They are likely to grow rapidly & crowd or invade the nearby healthy brain tissue.
- Cancer cells may break away from malignant brain tumors & spread to other parts of the brain or to the spinal cord. They rarely spread to other parts of the body.

Tumor Grade

Doctors group brain tumors by grades.

- **Grade I** : The tissue is benign. The cells look nearly like normal brain cell, & they grow slowly
- **Grade II** : This tissue is malignant. The cells looks less like normal cell than do the cells in Grade I tumor.
- **Grade III** : The malignant tissue has cells that look very different from normal cells. The abnormal cells are actively growing (anaplastic)
- **Grade IV** :- The malignant tissue cell looks most abnormal & tends to grow quickly.

Risk Factor

- Ionizing radiation :- I.R from high dose x-rays & other source can cause cell damage & leads to tumors & cause such as meningio malglioma.
- Family history :- It is rare for brain tumors to run in family history. Only a very small number of families have several members with brain tumors.

Symptoms

These are the most common symptoms of B.T.

- Headaches (usually worse in the morning)
- Nausea and vomiting
- Changes in speech, vision, or hearing.
- Problems balancing or walking.
- Changes in mood, personality or ability to concentrate
- Problems with memory.
- Muscle jerking or twitching (Seizure / convulsions)

- Numbness or tingling in the arms or legs.

Diagnosis

- Neurological exam :- Doctors check your vision, hearing, alertness, muscle strength & also examine your eyes to look for swelling caused by tumors.
- MRI :- A large machine with a strong magnet linked to a computer is used to make detailed pictures of areas inside your head.
- CT Scan :- An x-ray machine linked to a computer take a series of detailed pictures of your head. The contrast material make abnormal areas easier to see.
- Angiogram :- Dye injected into the blood stream makes blood vessels in the brain show up on an x-ray. If a tumor is present, the x-rays may show the tumor or blood vessels that are feeding into the tumor.

Happiness

Shweta A. Ambarte, B.Sc. II Sem (PCM)

"Happiness is found in quiet ways,
In sharing common thoughts with kin and friends,
In little gifts of smiles throughout our days,
A note or letter that a dear one sends.

Happiness is found in nature's store,
Of beauties that surround the countryside;
The peaceful sky, bright mountains, fields &
Oceans with the calling of their tide.

Happiness is found in the little things,
A mother's kiss, the clasp of a loved one's hand,
In children's laughter and in the birds that sing
In greening tress with their majestic stand.

As dawn is to the glory of the day,
Blessed the heart that knows the happy way."

Common Brain Tumor

Himanshu Pazare

Being obese may raise your risk of developing a type of brain tumor called a meningioma by more than 50%, according to a new study.

The scientists said their study, a meta analysis of 13 previous studies that includes more than 6,000 people with brain tumors, does not prove obesity cause brain tumor. But they say they have uncovered a striking collection between an increased risk of brain tumor and body mass index.

Overweight patients were 21% more likely develop a meningioma tumor compared with normal - weight individuals, but where patient were 54% more likely to develop one, researcher reported Sept 16 in the journal Neurology.

The study looked at the two most common types of brain tumor, meningiomas and gliomas, which together amount for about 70% of cases among the 120 known type of brain tumors. Meningioma arises from tissue that covers the brain and spinal cord, called the meninges. Glioma arises from cells in the brain and nervous system called glial cells, which are not neurons, but provide support and protection for neurons.

The scientists found an association between body mass index and meningioma, but not glioma.

Fortunately, doctors are able to treat meningioma successfully, the 5 year survival rate is about 65%, the research field said . In contrast, glioma tend to be more aggressive. The 5 year survival rate is about 10% according to Brain Tumor Association. Brain tumors in general are relatively rare in the world of cancer, affecting only about 20 per 100,000 people.

Why obesity may be associated with meningioma but not glioma is not clear, said Gundula Behrens, a researcher at the university of Regensburg in Regensburg, Germany and a co-leader of the study.

"There are several biological mechanisms potentially linking obesity to cancer risk, including increased levels of estrogen, insulin and pro-inflammatory cytokines," which are protein involved in controlling the immune system, Behrens told live science. "However not all cancer, appears to be related to obesity, suggesting that the strength of those links vary by the type of tissue it arises in, and the site of the cancer."

The research also found that exercise was associated with a decreased risk of meningioma people who engaged in the greatest amount of physical activity were 27% less likely to have a meningioma than those who did the least amount of activity independent of whether they were obese.

Youth and Health Issues

Pritesh Borkar, Department of Biotechnology

The young are the future of society. But they are also very much its present. Around half of the world's inhabitants are under the age of 20. As evidence & the experience of youth serving NGOs show adolescents as young citizens despite the major shifts according in the world they are about to inherit.

Bad habits & poor hygiene, persistent behavior risk, poor diseases sanitation & new emerging diseases are contributing to a deadly mix that is changing the classic picture of healthy youth. Despite the obvious international epidemiological demographic shifts & certain policy improvement, the state of programs delivery & research in the field of adolescent & youth health is scarcely adequate to make the world "FIT FOR CHILDREN" as foreseen by special session of the General Assembly on children in 2002.

Global interest in the health of adolescents & youth has manifested itself in the many expressions of commitment to their healthy persons spiritual, social, mental & physical development. The 1990s saw the affirmation of world wide commitment to adolescent & youth health that have been shared within an international legal framework that has as its formation the United Nation & the WHO definition of health as a state of

complete physical, mental & social wellbeing & not merely the absence of diseases or infirmity.

The cell of integration & coordination of multiple resources expose an essential polarization – If not of intention then of mechanisms. Some scientists and clinicians' research & opinion leaders energetically promote respect for tradition, family & religion to enhance apparent health benefits. The special concerns of Adolescents And Youth

Adolescence is a dyadic concept that is being defined even now within the context of a life - course approach & health & development. In some traditional societies a rite of passage from childhood to adulthood excludes march of the notion of transition. However, social changes in general & the earlier age at which puberty occurs ensure that, irrespective of when adolescence reaches biological maturity there is no easily recognizable standard age at which a young person is no longer a child though not yet an adult.

A right approach to the promotion of adolescence & youth health is easily undermined. This occurs, for example, when national or international public health authorities seek to use their position to influence behaviour by promoting their preception of morality or specific religions.

Relevance of Swami Vivekananda's Thoughts on Science

Shvin G. Rahate, M.Com. I (Eng)

Swami Vivekananda Appeared at a critical phase in our history when India was struggling under the thralldom of Britain and had almost lost her confidence in its culture and way of life. He can be considered as the first foremost and finest spark that rekindled the flame of Indian spiritual and scientific renaissance.

Swami Vivekananda was a great scientific visionary of all times. He strongly believed that the scientific attitude is a key to the pursuit of truth. He said 'Do not believe a thing because you read it in a book! Do not believe a thing because another has said it so!' Find out the truth for yourself! That is realisation. He sowed the seeds of 'Vedanta' in the west and scientific growth in India. He considered the synthesis of east and west as the best model for mankind and for excellence. Swamiji was eager to meet scientists and discuss his ideas with them. When he was in New York he met a well known eminent scientist named Nikola Tesla. Swamiji wrote his letter to Mr. E.T. sturdy "..... Mr. Tesla was charmed by the resemblance of the samkhya theory of matter and energy and that of modern science and to hear about the Vedantic prana and Akasha and kalpas according to him (the Vedantic theories) are the only theories modern science can entertain Mr. Tesla thinks he can demonstrate mathematically that force and matter are reducible to potential energy. I am to go and see him next week to get this new mathematical demonstration".

Then Swamiji drew charts showing equivalence between Brahman, Akash, prana and energy, matter and force. After explaining the relationship between Brahman and the

identity of a individual he wrote "I have to work all this out carefully, but you will see at a glance that I am, on the right track." It is clear that Swamiji wanted religion to be expressed and recognised as a science of the self.

We find the idea of science in the Upanishads. In 'Kathopanishad' there is a beautiful description : 'Body is a chariot, senses are the horses, mind is the rein, intellect is the driver (charioteer) and soul is the matter sitting in the chariot, one who knows the science of driving this chariot and whose mind is focused that person's senses are well - behaved like trained horses", Further, it has been said that 'one who knows the science of controlling the mind and is pure, attains the highest knowledge and does not get deluded again.

Sri Ramakrishna's classification of information, knowledge and science is simple but superb. He said "one who has only heard about milk has gathered information, one who has seen the milk has acquired knowledge, but one who has drunk the science of milk." Thus mystics and Upanishads talk about spirituality as the science of the self.

Just as science is a search in the external world, religion is a search in the inner world. Therefore, religion should be expressed and recognized as a science. Swami Vivekanada himself asked these questions." Is religion, through which every other science justifies itself ? Are the same methods of investigation which we apply to sciences and knowledge outside to be applied to the science of religion ? He answered : "In my opinion this must be so, and I am also of the opinion that the sooner it is

done the better. If a religion is destroyed by such investigation it was then all the time useless, unworthy superstition and the sooner it goes the better.... All that is dross will be taken off, no doubt, but the essential parts of religion will emerge triumphant out of this investigation. Not only will it be made scientific - as scientific at least as any of the conclusions of physics or chemistry - but will have greater strength because physics or chemistry has no internal physics or chemistry has no internal mandate to vouch for its truth, which religion has".

To arrest the sectarian influence of onward march of 'scientific reason', to fight the onslaught of external technological progress which claimed material prosperity as the only goal for humanity one requires answers in the scientific language alone. Language or simplicity and faith was brushed aside as weakness and defeat. Religion was a defensive in the face of clattering advances of science. To combat this destructive march of quasi purposive science. Swami Vivekananda entered the world area as a great disciple of Sri Ramakrishna.

As an 'orator by divine right' and as a 'messenger of Indian wisdom to the western world : Swami Vivekananda gave his first lecture on 11 September 1893 at the Art Institute of Chicago. His call of "Sister and Brothers of America" echoed the voice of universality and oneness of life. It shook the western thought of reason and science at its very root. He extracted scientific truths from Upanishads and Vedanta and put breaks on the criticism of religion as non-scientific mumbling. The old philosophy of Vedanta was given new form suited to the modern scientific thinking.

Swami Vivekananda gave an account of India's contribution to the world in the field of Science and Technology "out of the past is built the future..... our ancestors were great. We

must first recall that We must build on India yet greater than what she has been" this was his 'Mantra' for the rejuvenation of the country. Swamiji had a dream that India will rise and become great with the advancement in science and technology.

Swami Vivekananda experienced neo-vedantic culture and evolutionary vision in the wonderful life of Sri Ramakrishna, and he maintained that was the essential pre-requisite for future survival of civilization. As a man of vision, however, Swami Vivekananda advocated the unity of physical and spiritual science one is lame without the other. He truthfully elaborated the teaching of Sri Ramakrishna that were in 'seed form' so to say.

Swami Vivekananda has spoken about 'unity' on many occasions.

Science is nothing but the finding progress, because it would reach the goal. Thus chemistry could not progress further when it would discover one element out of when all other could be made, physics would stop when it would be able to fulfill its services in discovering one energy of which all the other are but manifestations. thus it is through multiplicity and duality that the ultimate unity is reached This is the goal of all science. All science is bounded to come to this conclusion in the long Run. Manifestation, and not creation, is the word of science today, and the Hindu is only glad that what he has been cherishing in his light from the latest conclusions of science.

Swami Vivekananda's crucial role in the development of science education and research in India.

It is worth mentioning here, that more than a century ago Swami Vivekananda inspired Jamshedji Tata to establish a Research. Institute for science in India. Even more remarkably, Jamshedji Tata offered the first directorship of

such a institute to Swami Vivekananda. Two of India's premier institutions dedicated to fundamental science research - namely. Indian Institute of science. Bangalore [Earlier called Tata Institute and Tata Institute of Fundamental Research Mumbai - bear testimony to this inspiration both in terms of the excellence of the academic programme, as well as in the terms of the high quality of research.

Swami Vivekananda used to explain the 'infinite omnipresent materials' and the 'infinite omnipresent manifesting power.' Sukalyan

Sengupta and Makar and Paranjape's essay, "Swami Vivekananda and the Integration of science and spirituality in the Future," point out that although it many not be possible to accommodate Swamiji within the domain of strictly scientific methodology and principle, it is possible that within Indian contexts, he perhaps contributed in unacknowledged way to the an establishment of the Indian Institutes of Science, and promotion of scientific research in India.

My Teacher! My Guide!

Nikita R. Beley, B.Sc. I (Sem. II)

Always true to herself,
Always sweet with all,
Takes care of each and every student,
Like her own child,
This is what, My Teacher ! My Guide !
Loves everyone like its her everyday work,
But no, that her care, her happiness,
Always, keeps a smiling face
and hides her sadness,
Keep her students always beside,
This is what, My Teacher ! My Guide !
She is an all - day working lady,
Still not tired if someone needs her,
Keeping each of her problems aside,
Always ready to talk to each one,
This is what, My Teacher ! My Guide !

Time

Nikita R. Beley, B.Sc. I (Sem. II)

Time changes the weather from hot to cold,
Time makes us grow old.
Time is measured in many ways
From minutes to months,
Time is what keeps everything
From happening at once !
It is something you remember from past,
It is the one which runs so fast,
Time turns the day to night,
Time makes you choose wrong or right.
Time is never enough;
Time is easy but also rough.
Time can make you happy or sad,
Time is something you want more,
BUT WE NEVER CAN BUY !!!

The Power of Words

Nikita R. Beley, B.Sc. I (Sem. II)

WORDS are not merely a set of sounds or tones emerging from the voice box larginx! These are perhaps the most powerful weapons on this earth - even sharper than a sword. The power of words can actually make or break lives. When a sword kills, death is almost instant. But when words hit you, death is slow and more painful. Worse the wounds could last a lifetime !

This unique power of words has been given only to humans amongst all living beings on this earth. In the scriptures, it is mentioned how words are extremely powerful and can destroy the entire world! Our tongue has the power of life and death, says the Bible. Words literally make or break you.

But the oxymoron here is the same words have the power to heal too and bring the dead to life. They can mend broken relationships, heal wounded hurts, cure painful moments and bring together two hearts. So words should be treated like a precious commodity which we use judiciously and with great care. The path of these four letters is one way - like the irreversible chemical reactions we have studied in our chemistry books. The final product cannot be changed. Once out of the voice box they cannot be taken back. Some have a great

gift of the gab and are never short of right words. The best person I can think of is Siddhuji (Navjot Singh Siddu). Some have the gift of wits and are never out of some stock of their quota of wisecracks! For some, words are the best escape routes while for others, these same words become the worst traps of their lives. For, some words flow out as smoothly as the winds while some are always short of words! At times, words are your only weapon of defense, at other times, they become the sole reason of your agony! Well whatever the case, you will all agree with that "NO ONE SHOULD UNWERSTIMATE THE POWER OF WORDS" at any point of time in their lives. The right play of words is a skill one keeps honing all one's life. The lyrics from one song by "Boyzone" fit here aptly-

..... You think that I don't even mean a single word I say

It's only words and words are all I have, To take your heart away

Talk in everlasting words, And dedicate them all, to me

And I will give you all my life !

Jammu and Kashmir Floods

Nikita R. Beley, B.Sc. I (Sem. II)

Jammu and Kashmir was bracing for a fresh spell of rains as predicted by MET department, leading to nervousness among the people who were heaving a sigh of relief as flood situation was showing improvement after causing the death of 17 people.

There has been no fresh rainfall over the past 24 hours which used the flood concerns in the valley earlier in the day.

Water level in river Jhelum was also receding and it was flowing at 16.45 feet at Sangam in South Kashmir, down over six feet compared to 22.80 feet 24 hours earlier. The water level at Ram Munshi Bagh in the city also reduced by more than one and a half feet and it was expected to drop further by the night.

However, the MET department has forecast light to moderate rains by raising fresh concerns among people who were hoping to see the end of woes caused by the floods that have already occurred.

"Situation is not as grave as last time. But we are fully alert and if required we will send more assistance," Home Minister Rajnath Singh told PIT in Bagdogra.

Schools and colleges have been closed across the valley in view of the flood threat and ongoing examinations have been postponed. However, University of Kashmir will hold examinations as per schedule in view of the improving flood situation, as official of the varsity said. As rescue operations continued, the centre said the flood situation in Jammu and Kashmir so far is not as grave as last year but authorities are on alert to deal with any situation.

Meanwhile, six bodies were recovered from the debris of four houses which collapsed in Laden village in Budgam district, taking the death toll in the incident to 17. Ten bodies had been recovered. One person trapped in the landslide is also feared dead but there was no confirmation.

One person had died in flash floods in Udhampur area of Jammu region.

Union Minister Mukhtar Abbas Naqvi, who was rushed by Prime Minister Narendra Modi to the valley to assess the situation there, presented his report to him, suggesting a number of measures to address the problem permanently.

Minister for Relief and Rehabilitation Syed Basharat Bukhari told the State Assembly in Jammu that due to incessant rains since last many days various areas of district Budgam witnessed isolated incidents of landslides and district administration took immediate steps to evacuate people from vulnerable areas to safer places.

He said that 221 families were evacuated from various areas and lodged in tents provided by the district administration and also in the Government buildings situated in safer places in the respective areas. "All necessary steps to provide free ration, water and basic amenities are being taken so as to ensure that the evacuated people do not face any sort of inconvenience," he said. He said that 64 families are staying with their relatives instead of moving to tents and Government buildings.

The Central Government granted Rs. 200 crore as immediate relief.

In report, Naqvi is believed to have said that civil and military authorities are taking immediate steps to deal with situation, which includes evacuation of affected people and efforts to plug the breaches in embankments of river Jhelum to prevent recurrence of floods.

In his report, the minister has said that illegal construction along the river and other actions hurtful to the environment are among the causes behind repeated flooding.

He is also believed to have told the Prime Minister that funds provided after floods in September last had not been utilised properly as a result of which the same areas have been affected again.

Naqvi has said that an action plan needs to be prepared by the State Government outlining permanent solution to the problem.

God's Ways

Shweta A. Ambarte, B.Sc. II Sem (PCM)

"In your times of deep despair,
Do you feel there is no hope ?
 As the darkness closes in on you,
Do you feel you cannot cope ?
 When your body's racked with aches,
Do you feel you are alone ?
 When you think about the future,
Do you fear the great unknown ?
 There is someone who really cares,
And he hears your every cry.
 His arms are reaching out to you,
And on him you can rely.
 As you stumble through the darkness,
He will be your guiding light.
 He wants to wipe away your tears,
For you are precious in His right.
 He's reaching out His arms to you,
And He wants to be your friend.
 Let Him take you in His loving arms,
For His love will never end."

Make A Resolve

Compiled by -

Shweta A. Ambarte, B.Sc. II Sem (PCM)

"Count your blessings instead of your crosses;
Count your gains instead of your losses.
Count your joys instead of your woes;
Count your friends instead of your foes.
Count your smiles instead of your tears;
Count your courage instead of your fears.
Count your full years instead of your lean;
Count on your kind deeds instead of your mean."

Women Empowerment : A Reality Check

Nikita R. Beley, B.Sc. I (Sem. II)

INDIA is the country where controversies occur at the drop of a hat. There are many controversies occurring almost everyday across the nation. The news channels are always lined up with one or the other breaking news (read - not so breaking news). Out of all the issues rising in this country, "Women empowerment" seems to be at the top of the list. This is that one issue which India needs to solve as soon as it possibly can !

"India needs more feminists". True ! But it would be more precise to say "India needs more practical feminists". The true work of feminists is to empower women. Connecting the dots of this puzzle, empowering women comes from educating girls of the nation. Educating in the right way, upbringing in the right way and expecting the right thing from the women of the day. "EMPOWER", the word itself says powering the mind, body and the soul as a whole. This doesn't simply come from asking people to accept even if their daughters / sisters come home late at night. Empowering doesn't come from arguing that women are free to wear anything. Yes, women can wear anything BUT "EMPOWERMENT" is not all about other appearance !

Empowering truly comes from making the women independent and practical. It comes when every single girl child of the nation is educated enough to judge what's wrong and what's right for her. It comes when women fight

back when something or someone try to harm them, when they know how to fight back any crime against them, when they know how to cope up with the life challenges ALONE. That's when women are called POWERED. That's when women rule the world along with men! But is educating the girls enough to bring about the change ? No! That's not enough. I'll tell you why. Take the case of the BBC documentary "India's daughters". It already proved many people round the globe. The defense lawyers in the video were the main attraction for many critics. They were very well educated but, their comments seemed equivalent but to any ignorant person. That's where the conclusion arises that educating is not enough. Educating in a way that the taboos eventually get removed is the way ! From 'taboos' It mean, the long lost beliefs, which don't seem to fit in today's era! To actually calculate what's practical in a particular situation is "Empowerment".

And the only thing, the basic definition which we all have ignored is Feminism means "Equal rights" and not placing women superior to men. When we celebrate WOMEN'S DAY, we also should celebrate a day meant for men! That's equality. When we appreciate and respect women for all the struggles she faces in the long run, we should also appreciate men for their independent struggles. That's equality.

Give it a thought; I am pretty sure we all will start viewing things in a different way.

Role Model

Khushboo Hadke, Bio-Tech Sem-I

What is meant by a 'role model'? This is the first question our mind generates when we hear this words. Well!! It is meant that role model is a person whose behaviour, example, or success is or can be emulated by others, especially by younger people. We all have different point of views, different ways of thinking and therefore each and every person has a different role model in his life by whom he is influenced.

I have Dr. APJ Abdul Kalam as my role model. I was one of them who enjoyed their life without bothering about anyone and I knew him only by his name. I remember the day when I came to know about his death on 17th of July 2015 and that day was one of the most important days of my life.. It was so because the whole day the media and new channels displayed what kind of a person was he, what all he did for our country, & all the masses of our country. I wondered such a good personality existed in this world. From then onwards he has been my role model.

Our former President, Sir Avul Pakir Jainuladeen "A.P.J." Abdul Kalam was the 11th President of India from 2002 to 2007. A career scientist turned reluctant politician, Shri Kalam was born and raised in Rameswaram, Tamil Nadu, and studied Physics and Aerospace Engineering. He was born on Oct. 15, 1931. Rameswaram and died on July 27, 2015 in Shillong while delivering a speech. It was a great and huge loss to our country when he died... I am influenced by him, his views, his thoughts and also whatever he did.

He gained the title of 'Missile Man', earlier

he encountered many hurdles and obstacles even some people or political leaders used to make fun of him as he faced many failures in making the missile, But after 5 years of research and his hardwork made him successful and apart of this he made many missiles.

He used to say that – when any one of us amongst our Indians, goes abroad or overseas we do not break the traffic signals, we do not spit on the roads there, we behave like a civilized person, we donot hang our clothes on the balcony grill there to dry them. But when we land on our ground, our sand we feel free to spit here and make our own country filthy (look filthy) why is it so ? Have we ever asked ourselves ? We all value the culture of other country and if while breaking a traffic signal a traffic inspector catches us or encounters us we all start reminding him, telling him and asking him "You know my father?", "Do you know my father?" Why we keep on asking such questions and telling him about our dad if we ourselves don't have any identity and give them 100-500 Rs. and disrespect our country... We ourselves can bring a change. So friends feel free to obey you country's rules and make your country feel proud.

Lastly, Dr. Kalam was such a big personality but he neither died in a penury nor did he live a life of luxury.

When it was known what Shri Kalam had left behind him for his family, he became the most respectful person in my life. It was known that he had an ancestral house which he wanted his elder son to take care of which was his father's property.

Apart from legacy he owned precious little, save his 2,500 books, a wrist watch, six shirts, 4 trousers, 3 suits and a pair of shoes.

He himself did not own any property, fridge, TV, car or AC.

All the above examples tell us about his good nature and also his simple life. He was also known as 'People's President' cause he opened

the gates of Rashtrapati Bhavan for children and people to know their views and suggestions and to stay connected with people. One of his famous quotes is—

'Dreams are not those who allow you to sleep,

But dreams are those who don't let you sleep.'

The Wonder Called Egypt

Parveen V. Pathak, XI-B

The vast desert, the calm waters of river Nile, the gigantic pyramids have been mesmerising people since time unknown. When the sun rises in the lifeless desert, it brings the life back. On the Egyptian land, the land of pharos, king-queens, the land of unbelievable wonders ! When one thinks about the royalties and magnificence, glory and grandure of old civilization, Egypt is one name on tip of tongues of people. This civilization dates back, not to a 1000 or 3000 but 5000 years back ! That's an awfully big time gap. In today's world there are engineering and architectural wonders which surprise us with modern day's efficient technology. But at that time, the Egyptians made the pyramids. Sphinx without any of that technology ! That's called solid !

Back 5000 years. What happened on the banks of river Nile was unique and adventure which involved dizzying speed, creating works of art and science way beyond the prospects of time.

Egypt had a big history of powerful, wise kings and queens. All of them, even the common people worshipped Gods like, the sun god, Ra, Nile river, beetle, ibis bird, crocodile

etc. Basically they were God fearing, nature worshippers. They believed in the concept of life after death, which is reason of their creations of pyramids and other tombs. They followed the religion sincerely and gracefully.

Egypt back then was culturally rich and scientifically developed, in a sense that they created the gigantic and structurally strong pyramids in capital, Cairo. Well, as seen in movies the Pyramids are new NOT full of treasures and gold; but they are simply empty tombs. But they are worthy of watching. Once in a lifetime! They are home for the souls of kings passed away, for after - life. The other wonder is ginormous sphinx, which is status of king khafu, whose is status of king khafu, whose tomb looms up majestically in it's background. Overall, in the country there are innumerable temples, tomb cum cave like structures that are beautifully painted and yes, they still have those paints on them ! The technology with which they made all those big structure was and is still appreciable. The temples in Abu Simbel, temple of queen Hatshepsut are examples of majestic artworks. Situated on banks of river Nile, Egypt is truly the gift of Nile! It helped the country to

develop. Out of it's 6000 km length, 100 km is in Egypt ! Nile is gun of Egypt.

But new in all this, the most important thing was the discovery of stories and legends of this civilization. It was because of hardwork of archeologists and language experts in deciphering their symbolic language 'Hieroglyphics'. For Example E.G.V.P.T is written as.....

This helped the civilization attract the world or else the land would have been last in time

However, Egypt. today is very much different than that culturally, majestic rich past. It is now economically and politically unstable count us. Prime cities like Cairo, Luxor, Alexandria have maintained the country's status. Tourism is the main international cunoncy source for them. The cities are full of museums, papyrus paper factories (world's first paper bazar like markets full of antiques and souvenirs for tourists. However this country will develop in coming times and will become equal with it's rich past !

In conclusion, the wonder called Egypt is a land full of majesty, rich past, mystery still mesmerises people of world and will do till infinity!

To My Dear Teacher

Isha S. Suri, XI-B

You are solar energy
Who gives light in darkness
You are wind energy.
Who gives air in sweat.

You are the rain of Guidance
I am a tree of learning
You are the sun of strength
I am the sweat of working

You know my capability.
I know your administration
I am known by you.
I will be nourished by you.

You are the creator of my dreams.
I am learned by you
You are the provider of my comfort
I am blessed by you.

And I promise you that
You will be happy
If I make my image.
Not be in your image.

Please Don't Read This Article!!!

Shital G. Therkar, B.A. III

I was confident that you will surely show your interest in reading this article, and not only you everyone must have shown their interest in reading this. YOU KNOW WHY ?? This is because it's human nature, whatever he is told not to do, he becomes more interested in doing the same work. Now whatever is contained in this article is slightly impractical and may be of no use for you.

Have you ever thought what is the major aim of life ? if you think getting a good job, making your life stable and then spending it luxuriously is the aim of your life then it's true. BUT IS IT REALLY TRUE ?? No in my view it is not..... My friend the life which is given to you is just given once. U will never get more life and am sure each and every person has some extra-ordinary talent in him which other people do not have. My view of the real aim of life starts this universal truth only.

In my view everyone must make a special identity in their life. The cattles moving in the group are of no interest for anyone but everyone sees the lion moving alone. Why ? because it has it's own identity.

In a nut shell I want to say that you should show your special talent. Don't become an ordinary person in the crowd, but become extra - ordinary. You should have some special achievement in your life so that you would be remembered forever in this world.

The above saying may seem to be jokes for you. That is why the title has been given "Please Don't Read This Article" but it's my thought, and your thought may be different from me isn't it ?

Thank U For Reading.

Life

Shital G. Therkar, B.A. III

Life is beauty, admire it.

Life is bliss, test it.

Life is a dream,
realize it.

Life is a challenge,
meet it.

Life is a duty,
complete it.

Life is a promise,
fulfil it,

Life is a sorrow,
overcome it.

Life is a song,
sing it.

Life is tragedy,
comfort it.

Life is a adventure,
clear it.

Life is LUCK,
make it.

Life is struggle,
accept it.

Life is too, precious,
Do not destroy it.

Life is a life,
fight for it.

विद्यार्थांच्या सगोर आदर्श व्यक्तिमत्त्व :

डॉ. बाबासाहेब आंबेडकर

उमेश प्रभु दोनाडकर

प्रज्ञासूर्य डॉ. बाबासाहेब आंबेडकर आजन्म विद्यार्थी होते. जगातील समस्त विद्यार्थी वर्गाचा ते आदर्श विद्यार्थी म्हणून आहेत. विद्यार्जन करताना विद्यार्थी समोर एखादा आदर्श हवा. कारण, आदर्श आणि आदर्शवाद एक प्रकारची शिस्त आणते. विद्यार्थांसाठी आदर्श व्यक्तिमत्त्व म्हणून डॉ. बाबासाहेब आंबेडकरांशिवाय दुसरे कोणी नाही.

आपण बाबासाहेबांच्या जीवनाचा चिकित्सक अभ्यास केले आहे. तसेच त्यांनी वेळोवेळी समाजाला, तरुणांना आणि विद्यार्थांना जो उपदेश केला, जे मार्गदर्शन केले, जी भाषणे दिली त्या सर्वांतुन त्यांनी विद्यार्थी आणि तरुण वर्गावर आपली मौलिक अशी बाजू सांभाळायला सांगितली. डॉ. बाबासाहेब आंबेडकर यांच्या शब्दा-शब्दातून ते एका नवीन पिढीला, तरुणांना आणि विद्यार्थांना घडवीत आहेत असा प्रत्यय येतो.

'मी आजन्म विद्यार्थी आहे' हे त्याचे शब्द शब्दशः खरे आहे.

दि. ०६ डिसें. १९५६ रोजी त्यांच्या महापरिनिर्वाण होण्याच्या क्षणापर्यंत ते सतत ज्ञानार्जन करीत होते. हे त्यांच्या अभ्यासाच्या टेबलावर असलेल्या ग्रथांनी आणि कागदावर केलेल्या टिपणांनी आपल्याला दिसून येते.

'विद्यार्थीनो जागृत व्हा' ! असे डॉ. बाबासाहेब आंबेडकर यांनी दि. ११ सप्टेंबर १९३८ रोजी पुणे येथे ११ व्या अस्पृश्य विद्यार्थी संमेलनात केलेले अध्यक्षीय भाषण विद्यार्थी वर्गाला उद्देशून व विशेषतः अस्पृश्य विद्यार्थी संमेलनात बाबासाहेबांनी केले या भाषणाच्या सुरवातीलाच बाबासाहेब म्हणतात. "मी जरी राजकारणात किंवा समाजकार्यात पडलो असलो तरी मी आजन्म विद्यार्थी आहे." आपल्या सर्वांच्या लक्षात येईल की, देशातील तत्कालीन सर्व राजकीय आणि सामाजिक नेत्यांमध्ये महात्मा गांधी, पंडित जवाहरलाल नेहरू इत्यादी सहित कुणी स्वतःला विद्यार्थी आहे किंवा मी आजन्म विद्यार्थी आहे अशी स्वतःची ओळख करून दिलेले नाही.

बाबासाहेब हे असे एकमेव आहेत की, जे जगातील समस्त विद्यार्थांला विद्यार्थी संमेलनाच्या निमित्ताने आपली स्वतःची ओळख मी आजन्म विद्यार्थी आहे. अशी करून देतात आणि समस्त विद्यार्थी वर्गाशी एक विद्यार्थी म्हणून आपले नाते प्रस्थापित करतात.

डॉ. बाबासाहेब आंबेडकर म्हणतात की विद्यार्थी सर्वात प्रमुख कर्तव्य म्हणजे विद्यार्जन करणे ज्ञानार्जन करणे आहे बाबासाहेब म्हणतात विद्यार्जन हे माझे दांडगे व्यसन आहे.

ते पुढे म्हणतात. मला अभ्यासासाठी लागणारे पुस्तके वारंवार घ्यावी लागत होते आज मजवर १०००.०० रु. (एक हजार) पुस्तकाच्या खरेदीचे देणे आहे. असे जरी असले तरी माझी पत दांडगी आहे. ती अजून गेलेली नाही. मुंबईतील कोणत्याही पुस्तकाच्या दुकानातून मी पुस्तके उधार आणू शकतो. परंतु मी माझ्या विद्यार्जनाच्या कार्यात खंड पडू देत नाही. कारण विद्यार्जन हे माझे दांडगे व्यसन आहे व्यसनी व्यक्ती ज्यांनी पाहीले असले त्यांना माहीत असते. व्यसन आणि दांडगे व्यसन यामध्ये काय फरक असतो तर बाबासाहेब गुरु आणि दैवता विषयी सांगतात कि, गुरु शिवाय ज्ञान नाही.

भारतीय संस्कृतीच्या शिकवणी नुसार मनुष्याचा पहिला गुरु त्याची जन्मदाती आई, वडील दुसरा गुरु आणि समाज तिसरा गुरु शिक्षक हे झाले पारंपारिक अर्थात पारंपारिक गुरु अथवा शिक्षक यांच्या संदर्भात परंतु मनुष्य जीवनात विविध कारणांसाठी किंवा विविध प्रकारचे ज्ञान ग्रहण करावे लागते. त्या त्या ज्ञानशाखेत पारंगत असणाऱ्या गुरुकडून करीत असतो. या संदर्भात बाबासाहेबांनी आपले मनोगत व्यक्त केलेले आहे.

डॉ. बाबासाहेब आंबेडकरांचा हिरक महोत्सव मुंबईच्या पुरंदरे स्टेडिअम येथे गुरुवार दि. २८ ऑक्टोबर १९५४ ला अपूर्व सोहळ्यात साजरा करण्यात आला त्या निमित्त केलेले बाबासाहेबांचे भाषण 'हे माझे जीवन' या शिर्षकाने सुप्रसिद्ध झालेले आहे. त्या भाषणात बाबासाहेब म्हणतात- "माझ्यामध्ये काही उपजत गुण होते आणि म्हणून मी या पदाला पोहचलो असं काही नाही माझं आयुष्य जस चालल असत तस चालू दिल असत तर मी एक नितीपर माणूस झालो असतो. पण मला माझी पूर्ण आठवण होती माझ्या आयुष्याला जे काही वळण मिळाले ते का मिळाले याचे कारण माझे तीन गुरु आहेत प्रत्येक व्यक्तीला गुरु असतात तसेच मला सुद्धा तीन गुरु आहेत व माझे पहिले आणि श्रेष्ठ गुरु भगवान बुद्ध होत.

माझे दुसरे गुरु म्हणजे संत कबीर कबीराच्या जीवनाचा आणि तत्वाचाही फार मोठा प्रभाव माझ्यावर झाला माझ्या

मताप्रमाणे कबीराला बुद्धाच्या तत्वज्ञानाचे खरे रहस्य कळले मी मोठा कोणालाच म्हटले नाही. कारण कबीराने म्हटले आहे. 'मणुष्य होना कठी है, तो साधू क्या बने'। जो माणुस झाला नाही तो महात्मा कसे बनेल किंवा महात्ता कसा होवू शकतो. आणि माझे तिसरे गुरु म्हणजे महात्मा जोतीबा फुले हे होत. ब्राम्हणोत्तराचे खरे गुरु तेच होत शिंपी, कुंभार, नाव्ही, कोळी, महार-मांग, चाभाराना माणुसकीचे थडे फुल्यांनीच दिले. आणि शिकवीले पूर्वीच्या राजकारणात आम्ही जोतीबांच्याच मागनि जात होतो. पूढे आमच्यातुन काही फुटले कोणी कोठेही जावोत पण आम्ही मात्र ज्योतीबांच्याच मागनि जावू जोडीला दुसरे काही घेवू पण जोतीबांचा मार्ग सोडणार नाही असे माझे तीन गुरु ज्यांच्यामुळे माझे आयुष्य बनलेले आहे.'फ

बाबासाहेब पूढे म्हणतात. माझे तीन दैवतही आहेत ते म्हणजे १) विद्या २) स्वाभिमान ३) शील दैवतम् विद्येशीवाय माणसाला शांतता नाही आणि माणुसकीही नाही. विद्येला अंत नाही विद्या अमर्याद आहे. विद्या ही महासागरासारखी आहे भगवान बुद्धांनी एकदा म्हटले आहे की, बुद्ध धम्म हा शुद्ध धम्म आहे येथे भेदभाव नाही श्रमन, भिक्षू, ब्राह्मण, भंगी मग तो कोणीही असो यमुना, ब्रम्हपुत्रा, कावेरी - गोदावरी कोणतीही नदी असो ह्या सर्व नद्या आपल्या प्रातांतुन सागरात गेल्या त्याच पाणी एक झाल की मग सांगता येणार नाही की हे यमुनेच, गंगेच की गोदावरीच तेव्हा माझा संघ महासागरासारखा आहे. जात-पात नाही तुम्ही सर्व एक आहात एकदा भगवंतास लोहीत नावाच्या ब्राह्मणाने प्रश्न विचारला की तु सगळ्यांना विद्या का शिकवतो. यावर भंगवतानी त्याला सांगितले की, ज्याप्रमाणे मणुष्यमात्राला जगायचे असेल तर अन्नाची गरज असते त्याचप्रमाणे सर्वांना विद्येचीही आवश्यकता आहे. ज्ञानाशिवाय तो काहीही करू शकत नाही किंवा ज्ञानाशिवाय तो काय करू शकेल? ही विचारसरणी प्रथम बुद्धानेच या भुतलावावर सुरु केली. महात्मा जोतीराव फुले विद्येचे महत्त्व विषद करताना म्हणतात.

'विद्येचीना मती गेली ? मतीविना निती गेली

नितीचीना गती गेली ? गतीचीना वित्त गेले

वित्तचीना शुद्र खचले ? इतके अनर्थ एका अविद्येने केलेफ

डॉ. बाबासाहेब आंबेडकर शिक्षणाच्या वेडेपणाला प्रियकर आणि प्रियसीची उपाधी देतात त्यांना त्यातुन अभिप्रेत असते उत्कटता, आकर्षक, आसक्ती आणि मिलनाच्या ओढीची पराकोटी आणि परमावधीची तीव्रता आणि तंद्रीची मानसिक प्रियकर जसा काळवेळ रात्र-बेरात्र याची तमा न-बाळगता मोठेमोठे असंख्य अडचळे, अडचणी, संकटे यांची पर्वा न-करता आपल्या जिद्दीन ते पार करुन आपले साध्य-साध्य करतो

'बुभेटीलागी जीवा लागलीसे आस ।।'फ

पाही रात्री दिवस वाट तुझी ? संत तुकाराम अशी ती मनाची तीव्रता कासावीस आणि व्याकुळ स्थिती बाबासाहेब आपल्या विद्येच्या वेडाचे वर्णन याच मानसिक पातळीवरुन करतात बाबासाहेब पूढे म्हणतात.

एवढे जेव्हा पुस्तकावर प्रेम होईल तेव्हाच तो विद्येचा खरा पुजारी होईल मी विद्येची पुजा चोवीस तास करत असतो.

विद्या विनयने शोभते, विद्या संपन्न व्यक्ती विनयशील असावा. अहंकारी, गर्वीस्ट नसावा.

विद्येचे सामर्थ्य हेच खरे सामर्थ्य होय.

'Self help is the best । self respect movment without self help is meaming ?'फ

स्वः सामर्थ्यावीण स्वाभिमान आणि स्वाभिमानाची चळवळ अर्थहीन आणि अर्थशून्य होय?

विद्येच्या प्रभावाने व्यक्ती घडू शकतो व्यक्तीची जडण-घडण व्हायला मदत होते. विद्येच्या प्रभावाने व्यक्ती घडू शकतो विद्येच्या प्रभावाने व्यक्ती ज्ञानी व विख्यात होवू शकतो. निव्वळ पदव्या म्हणजे विद्या नव्हे. नुसत्या पदव्या मिळविल्याने काहीही होणार नाही. कारण पदव्या म्हणजे ज्ञान नसुन शिक्षकाच्या मदती शिवाय ज्ञानार्जन करण्यास जमविलेली साधन सामुग्री होय. ज्ञान हिच सत्ता आहे. सामर्थ्य आहे. सम्यक ज्ञान म्हणजेच प्रज्ञा व प्रज्ञा म्हणजेच बोधी डॉ. बाबासाहेब म्हणतात. माझ्या मते केवळ विद्याच पवीत्र असू शकत नाही. विद्येबरोबर भगवान बुद्धानी सांगितलेली प्रज्ञा म्हणजे शहाणपण शील म्हणजे सदाचरण, संपन्न असे आचरण करुणा म्हणजे सर्व मानवसंबंधी प्रेमभाव आणि मैत्री म्हणजे सर्व प्राणीमात्राविषयी आत्मीयता या चार पारमीता असल्या पाहिजेत. तरच विद्येचा काहितरी उपयोग आहे विद्येबरोबरच मानवाजवळ जर करुणा नसली तर तो कसाई आहे अस मी समजतो करुणा म्हणजे माणसामाणसावरच प्रेम -

बाबासाहेब पुन्हा सांगतात माझे दुसरे दैवत स्वाभिमान होय. मी काहीतरी आहे असे मानने म्हणजे स्वाभिमान, स्वाभिमान म्हणजे दुराभिमान नव्हे स्वाभिमान म्हणजे अहंकार नव्हे स्वाभिमान म्हणजे गर्वीष्टपणा नव्हे बाबासाहेब म्हणतात, 'मी कोणाची याचना केली नाही' माझ ध्येय अस होत की, माझ पोट तर भरलं पाहिजे आणि माझ्या लोकांची सेवा केली पाहिजे पोट -बावडीच्या नाट्यावरच्या ४८ व ५० नंबरच्या खोलीत

'झुमी कण्याचा भात आणि कण्याची भाकरी खाली पण समाजसेवेला, सोडून भारी पगाराकडे वळलो नाही'फ

मार्ग निघाला मी माझे स्वतःचे पोटा स्वतःच्या कमाईतुन भरुन जी काही सेवा करायची ती केली. तेव्हा माझे सांगणे हेच की, विनय असावा, लिनता असावी पण दिनता असु नये. मी काहीतरी आहे असे मानले पाहिजेत. मी परमेश्वराला देखील कमी मानतो इतका माझा स्वाभिमान तळपत आहे.

माझे तीसरे दैवत शील :-

माझ्या आयुष्यात मी दगाबाजी, फसवणूक स्वसिद्धीसाठी पाप केले असे मला आठवत नाही. त्याबद्दल मला मोठा अभिमान वाटतो. मी विलायतेला अनेक वेळा गेलो पण अजुनपर्यंत दारु प्यायलो नाही. बिडी प्यायलो नाही मला कसलेच व्यसन नाही पुस्तक आणि कपडा या गोष्टी अधिक प्रिय आहेत.

शील संवर्धन गुण माझ्यात आहेत हे मला सांगायला फार अभिमान वाटतो.

अशा प्रकारे डॉ. बाबासाहेबांनी आपले तीन गुरु सांगितले (भगवान बुद्ध, संत कबीर, महात्मा फुले) आणि तीन उपास्य दैवते (विद्या, स्वाभीमान, शील) यांचा मी बनलेला आहे. या पदाला पोहचलो ते यांच्याचमुळे मी मात्र केवळ कारण आहे त्याचा मी बनलेला आहे तेव्हा याच अनुकरण करा.

स्वतःच स्वतःचा दीप व्हा ? अत दीपो भवः ?

“Density is not a matter of chance, it is a matter of choice, it is not a thing to be waited for, it is a thing to be achieved.”

– William Jennings brxam.

प्रत्येकाला जीवनाचे निश्चित ध्येय असावे जीवनात प्रत्येकाने ध्येयवादी असावे. काही तरी भव्यदिव्य करण्याची तीव्र इच्छा मनाशी बाळगलीही पाहिजे आणि आपले इच्छित ध्येय साध्य करण्यासाठी प्रयत्नांची पराकाष्ठा करायला पाहिजेत असे बाबासाहेब सांगतात.

Self Respect :- आत्मविश्वास आणि स्वाभिमान हे नेहमी

हातात हात घालुनच वाटचाल करत असतात. ज्यांना आत्मविश्वास आणि स्वाभीमान असतो ते स्वावलंबी असतात आणि म्हणुनच स्वतंत्र असतात.

“जो दुसऱ्यावरी विश्वासला

त्याचा कार्यभाग बुडाला

जो स्वयंचे कष्ट गेला तोची भलांफ

डॉ. बाबासाहेब आंबेडकर यांनी विद्यार्थाना केलेले उपदेश :

- १) आमच्या विद्यार्थानी आणि तरुणांनी दोन बाबी आत्मसात केल्या पाहिजेत.
- २) माझ्या विद्यार्थी बांधवाना मला इतकेच सांगायचे आहे की, इतक्या सवलती असताना सुद्धा तुमच्याकडून त्याचा योग्य उपाय झाला नाही आणि तुम्ही एखाद्या माकानेही नापास झालात तर तुम्ही नालायक हा शिक्का संस्थेवर बसवाल मोठ्या नोकऱ्या जर मिळवायच्या असतील तर त्याला स्वतःची लायकी लागते ती लायकी वाढविण्याचे मुख्य काम विद्यार्थी दशेत तुम्ही करीत असताना तुम्ही इतर कोणत्याही चळवळीत पडणे चुकीचे होईल.
- ३) स्वतःच्या पायावर उभे राहुन काय होईल ते होवो आम्ही पूढे आल्याशिवाय राहणार नाही असा निश्चय करुन रोजच्या व्यवहारात तो निश्चय तुम्ही अमलात आणला पाहिजेत.
- ४) शेवटी माझा हितोपदेश : शिक्षित व्हा, चळवळ करा, (लढा उभारा) संघटीत व्हा, आत्मविश्वास बाळगा आणि कधीही धीर सोडू नका.

या पार्श्वभूमीवर समस्त विद्यार्थानी आपल्या विद्यार्थी जीवनात डॉ. बाबासाहेब आंबेडकराचे अनुकरण करावे व त्याच्या पाऊलावर पाऊळ ठेवण्याचे निश्चित धाडस विद्यार्थी वगनि करावे हिच अपेक्षा...

स्विकारु या निसर्गपूरक जीवनशैली “सृष्टीचे मित्र आम्ही, मित्र अंकुरांचे ओठांवर या थेंब पावसाचे”

????????????????????????????????????

मानवाच्या जन्मापासून निसर्ग आणि मानव यांचे अत्यंत निकटचे संबंध आहेत. माणूस हा सर्वस्वी निसर्गाच्या कुशीतच विसावत आला आहे. तो निसर्गाचाच एक अभिन्न भाग आहे. निसर्गाच्या मदतीने तो वाढत आला आहे, विकसीत होत आला आहे. सृष्टीतील प्रत्येक घटक सजीव आणि निर्जीव हा पंचमहाभूतांशी संबंधित आहे. ही पंचमहाभूते म्हणजे १) पृथ्वी (माती) २) आप (पाणी) ३) तेज (प्रकाशसुर्य) ४) वायु ५) आकाश हे सर्व मिळून जे वातावरण तयार झाले आहे हे वातावरण म्हणजेच निसर्ग होय. याचाच अर्थ निसर्ग नियमानुसार जे-जे तयार झाले ते नैसर्गिक होय. म्हणजेच निसर्गात अवकाश, जमीन, डोंगरदऱ्या, वृक्षलता, जल, वारा, पाऊस, मानवतेवर सजीव, एवढेच नव्हे तर मानवाचा सुद्धा समावेश होतो. मुळात पृथ्वीवरील पर्यावरण हे सर्व सजीवांच्या वाढीला पोषक, अनुकूल असे बनले आहे. अगदी अलिकडे निसर्गाच्या सोबतीनेच मनुष्य आपली कार्ये करीत होता. जोपर्यंत तो निसर्ग नियमांचे पालन करीत होता तोपर्यंत तो मानसिकदृष्ट्या व शारीरिकदृष्ट्या स्वस्थ होता.

पण तथाकथित विकासाच्या प्रक्रियेत, अधिक सुखी समाधानी, ऐहिक प्राप्तीच्या इच्छेने तो हळुहळू निसर्ग विरोधी पावले उचलू लागला. निसर्गाला आपला शत्रु समजून त्याला हानी पोहोचवू लागला. विविध मानवी कारवायांमुळे ज्यांना जीवनाचे मूलाधार बणतात (Life support system) त्या हवा, पाणी, जमीन यांचे मोठ्या प्रमाणात प्रदुषण वाढले आहे. निसर्गातून प्राप्त होणाऱ्या सर्व प्रकारच्या साधनसंपत्तीचा अनिर्बंध वापर केला जात आहे. माणसाच्या जीवनात ऊर्जेचा खुप वेगाने वाढत आहे. ह्या ऊर्जा निर्मितीसाठी हानीकारक आणि घातक अशा प्रक्रिया मानवामार्फत बिनबोभाटपणे केल्या जात आहेत. उद्योगांचा विकास करताना कारखान्यातून निघणारी विषारी तत्त्वे, द्रव्ये वातावरणात, पाण्यात, जमीनीत जाऊन त्यांचे प्रदुषण वाढले. प्लास्टिक व संबंधित वस्तुंचे खच सर्वत्र दिसू लागले आहेत. शेती क्षेत्रात उत्पादन वाढीच्या गरजेतून रासायनिक द्रव्यांचा वापर वाढला. ही विषारी तत्त्वे वातावरण व जमिनीसोबतच अन्नधान्यावाटे मानव आणि अन्य सजीवांच्या शरीरात जाऊन घातक परिणाम करीत आहेत. जिथेचे चोचले पूर्ण करण्यासाठी अन्न पदार्थातील पोषक

तत्त्वांचा विचार बाजूला सारून फक्त चवी वाढविण्यासाठी खाद्यातही रसायनांचा, शरीरास घातक पदार्थांचा वापर वाढला आहे. घरात आधुनिक, सुसज्ज उपकरणांचा वापर वाढला आहे.

परिणामतः जागतिक तापमान वाढ आणि प्रदुषणाच्या समस्येत अधिकच वाढ झाली. टिकाऊ आणि पर्यावरण स्नेही वस्तुंची जागा 'वापरा आणि फेका' अशा वस्तुंनी घेतली.

केवळ स्वतःचे हित साधणारे मानवाचे वर्तन असेच कायम राहिले तर पर्यावरणाच्या समस्या अधिकच उग्र रूप धारण करतील. मानवाच्या या आततायी वागणुकीचा परिणाम म्हणून पृथ्वीवरच्या जीवनाचे सातत्य खंडीत होईल की काय अशी भिती निसर्गवाद्यांना भेडसावत आहे. निसर्गविरोधी कारवायांमुळे मानवी आरोग्याची मोठ्या प्रमाणात हानी होत आहे. त्याच्या स्वतःच्या हितसंवर्धनातही अनेक अडथळे निर्माण होत आहेत. हे संपूर्ण दुष्प्रक्रां थांबविणे, किमान त्याचा वेग कमी होणे प्रत्येकाच्याच दृष्टीने आवश्यक आहे.

यासाठी प्रत्येक व्यक्तीने विशेषतः तरुण वगनि आपल्या जीवनशैलीत योग्य ते बदल करणे आवश्यक आहे. आपली प्रत्येक कृती तटस्थपणे तपासून त्याने एकुणच प्रदुषणात अथवा आपल्या आरोग्यावर दुसऱ्यांमि परिणाम होणार नाहीत असे नियोजन करणे गरजेचे आहे. जास्तीत जास्त पर्यावरणपूरक आणि टिकाऊ वस्तुंचा वापर करणे, एकुण जगण्यात कृत्रीम रसायनांचे प्रमाण कमी करणे, आहारात जास्तीत जास्त पोषकद्रव्ये असलेल्या पदार्थांचा वापर करणे इत्यादी उपायांचा अवलंब करून अधिक निसर्गाच्या जवळ जाता येईल. प्रत्येकाने खालील छोट्या-छोट्या कृती केल्यास निश्चितपणे त्याचा फायदा स्वच्छ पर्यावरण निर्मितीसाठी होईल. पुन्हा वापरण्यायोग्य (Refilled) पेन वापरावे

- वह्यांच्या पानांचा पूर्ण वापर करावा
- पुस्तकांचा पुनर्वापर करावा.
- प्लास्टिकचा कमीत-कमी वापर करावा.
- रासायनिक प्रसाधन द्रावणे, स्प्रे, क्रिम यांचा मर्यादित वापर करावा.

- घरातील झुरळे, डास, पाली यांच्या नायनाटासाठी घातक रसायने, पेस्ट कंट्रोल यांना नकार द्यावा.
- घरातील बागेत व लॉनवर रासायनिक खते, किटकनाशके यांचा वापर बंद करावा.
- सण, समारंभ साजरे करताना पर्यावरणास हानी पोहोचणार नाही याची दक्षता घ्यावी. पर्यावरण पूरक पद्धतीने ते साजरे करावे.
- बॉटलबंद पाण्याचा कमीत-कमी वापर करावा.
- जंकफूड विशेषतः चिनी खाद्यपदार्थ ज्यात रसायनांचा मोठ्या प्रमाणात वापर होतो त्यांचे सेवन कमी करावे.
- तयार अन्नाचे (Ready to eat / cook) सेवन कमी करावे.
- देशी भाज्या, फळे, खाद्यपदार्थ यांचा अत्याधिक वापर करावा.
- अन्नाची नासाडी टाळा, ताटात अन्न टाकू नका.
- एनर्जी फूड वा ड्रिंक्स यांचे सेवन टाळावे.
- कृत्रीम सिंथेटिक कापडाऐवजी सुती कपड्यांना प्राधान्य द्यावे.
- वाढदिवस साजरे करताना पुष्पगुच्छाऐवजी रोपे भेट द्यावीत.
- स्वतःचा वाढदिवस परिसरात वृक्षारोपण करून साजरा करावा.

चांदणी

अंकित गजानन उत्तरवार, बी. कॉम ११ वर्षे

आकाशातली एक चांदणी आकाशातच हरविली
चमकायचं सोडून ती आज गप्पच बसली
निघाली होती ती चंद्राला शोधाला
पण लागला तिला एकांत गाढाया ...
फसवा चंद्र गेला तिला एकटीला टाकून
लगेच येतो, अस खोरं खोरचं सांगून
चांदणीच्या विश्वात एकच चंद्र असतो
पण, चंद्राच्या विश्वात चांदण्याचा
भरला बाजार असतो.
निसर्गाचा हा नियम ती विसरून गेली
चंद्राला शोधता-शोधता जगापासूनच ती
खूप दूरवर गेली ...

तरुणाचा राजकारणातील सहभाग

अक्षय मिश्रा, बी. एससी. III

तरुण म्हणजे युवा, या शब्दाला जर उलट केलं तर होतं वायु या वायुमध्ये अनंत अशी शक्ति आहे. याला योग्य दिशा दिल्यास एखांद विधायक कार्य होऊ शकतं व हाच वायु चुकिच्या दिशेने गेला तर शहरे व बेटे विध्वंस होतात.

भारत जगातील सर्वात मोठा लोकशाही असणारा देश आहे व भारताची प्रगती वेगाने होत असतांना भारतातील बहुसंख्य लोक एक वेळ उपाशी राहतात. त्यांना राहण्यासाठी निवारा नाही. स्तरे, विज, पाणी या सुविधा आज स्वातंत्र्याचा ६५ वर्षांनंतर पोहचू शकले नाही. सरकार जनतेपर्यंत एक रुपयातून फक्त अकरा पैसे पोहचतात असे राजीव गांधी यांनी म्हटले होते.

माजी राष्ट्रपती कलाम यांनी दाखवलेले VISION 2020 म्हणजे भारताला विकसित बनवायचे असेल तर तरुणांनी राजकारणात यायला पाहिजे. आज भारतासमोर सर्वात मोठी म्हणजे नेतृत्वाची समस्या आहे. भारतात शून्य खूप आहे पण त्या शून्याला किंमतीत रुपांतरीत करायचे असेल तर त्याच्या समोर एक असणे गरजेचे आहे. उदा. १०,१००,१०००,१०,००० किंमत प्राप्त होईल. एक नेता जो नेतृत्व व दिशा देऊ शकेल. हे नेतृत्व आज तरुण पिढीच देशाला देऊ शकते.

पण वस्तुतः राजकारणातील युवकाचा सहभाग नगण्य झाला आहे. एक मजेशीर गोष्ट तरुण कोण ? कारण ४३ वर्षांचा युवराज तरुण कोण ? कसे ? कारण जेव्हा माझा वडिलाचे वय ४३ होते तेव्हा मी १८ वर्षांचा होतो की !

काल - परवा एका शिक्षकरी महीलेचा धंडीने मृत्यू झाला आणि वाटल आपण कधीपर्यंत आपला स्वतःचाच विचार करणार ! आणि कधी आपले विजन २०२० पूर्ण करणार !

आज संसदेमध्ये सरासरी २/३ खासदार ६० च्या वर वय असणारे आहे त्यामुळे त्यांना काम करताना अकार्यक्षमता व निर्णय घेण्यात दिरंगाई होते ।

म्हणून देशाला खंबीर व धडाडीचे लोकाचे प्रश्न लवकरात लवकर सोडवणारा नेता हवा यासाठी तरुणानी राजकारणात यावं. एक तर आज सुशिक्षित मंडळी राजकारणात येताच त्यांना राजकारणांना शिब्या द्यायला आवडते पण चिखलात उतरून घाण साफ कोण करणार ?

'They want changes in politics but without

their participation'.

आपल्याला जुलमी सरकार तर नको असतं पण शिवाजी शेजाराच्या घरी जन्माला यावा असं वाटतं.

आज राजकारणात त्याग करण्यास तयार असलेले व देशासाठी प्राण देणारे तरुण हवे आहे.

आज राजकारणात पाहत असतात अजित पवार, उद्धव ठाकरे, राहुल गांधी वरुण गांधी हे सगळे वडिलांच्या कर्तृत्वावर राजकारणात आलेले लोक दिसतात आरोचा किरण पण तरीही स्वाभिमानी शेतकरी संघटनेचे राजू ही जि.प. सदस्य ते खासदार, विलासराव देशमुख सरपंच ते मुख्यमंत्री असा प्रवास करणारी मंडळी आहे. आज राजकारणात घोटाळेच घोटाळे सुरू आहे. संसद ते तिहार flyover करणाची वेळ आली आहे. आज राजकारणात नीती मूल्य समाप्त होतांना दिसतात नेते 2G, 3G मध्ये अडकलेले दिसतात व त्यांनी तरुणांना ३ः३मध्ये अडकवून मोबाईल, sms, दिला आहे. आज समाजात अन्याय झाल्यास आपण ऋलशलेज्ज लोशार्पी देतो व कृती शून्य ! डोळस असून आंधळ्यांसारखे वागतात.

जर भ्रष्टाचाराला संपवायचे असेल तर भारतीय संविधानांच्या तत्वाला अंगीकारणारा तरुण देशात निर्माण व्हायला हवा तेव्हाच हा देश, राष्ट्र सुजलाम सुफलाम होईल !

आज प्रशासकीय सेवेमध्ये कर्तृत्वान व हुशार अधिकारी येत आहे पण, ते राजकारणात येण्यास उत्सुक नाही सारखे कर्तृत्वान व निर्णयक्षमता असलेले लोक निवडून येत नाही हे या देशाचे दुर्दैवच आहे.

देशाचा चेहरा बदलवण्यासाठी म्हणून तरुणानी राजकारणात यावे. देशाला दुर्जनाचा धोका नाही. तर सज्जनाचा धोका आहे.

“ सिर्फ हंगामा खड़ा करना मेरा मकसद नहीं ।
मेरी कोशिश है कि यह सूरत बदलनी चाहिए ।
मेरी सीने में नहीं तो तेरे सीने में सही ।
लेकिन कही तो आग निकलनी चाहिए ।”

एक विनंती आपण सर्वांनी मतदान करावे व आपण सर्व पदवीधर होणार आहोत तर पदवीधर मतदारसंघात नाव नोंदविले पाहिजेच

जय महाराष्ट्र !!!

आनंदाचे देणे घेणे

साक्षी माने, (बी.एससी. बायोटेक १ वर्षे)

माझ्या शब्दांची सुरवात गुडमॉर्निंग, सुप्रभात अशा सुंदर शब्दांच्या देवान घेवाणीतून करते. अशाच शब्दांनी आपल्या दिवसाची सुरवात होत असेल, तर ती किती आनंददायी ठरू शकते नाही? कारण हाच सुप्रभात शब्द एक चांगला मुड बनवतो मुड चांगला असला की आपल्या हातून कार्य चांगले घडते. चांगल्या कामाने दिवस चांगला जातो, दिवस चांगला जात असला, की आपण आनंदी होतो आणि आपण आनंदी असलो की आपल्या सहवासातला प्रत्येक व्यक्ती ही आनंदी होऊ लागतो. आनंदाची ही अनमोल ठेव आपल्याला कुठल्याही बँकेत डिपॉझिट वा विद्धा करता येत नाही. फक्त पुन्हा-पुन्हा मिळवता तेवढी येते. कारण या व्यवहाराला स्वार्थस्पर्श नसतो. केवळ 'देणे तेही आनंदाचं, एवढंच त्या जीवाला ठाऊक असते म्हणून आनंद हा मिळत नसतो, तो मिळवावाच लागतो. देता येतो, घेता येतो, फक्त छोट्या-छोट्या गोष्टीत तो शोधावा लागतो.

आनंदाच देणं - घेणं हा जगाच्या दृष्टीने एक व्यवहार पण हृदयच्या दृष्टीने एक नितांत सुंदर भावना. आनंद सिनेमातला

'आनंद' येणाऱ्या मृत्यूला उराशी कवटाळून आपल्या आयुष्यातला उरलेला प्रत्येक क्षण आनंदाने जगतो. जीवनातला आनंद शोधताच 'बालकवींचे' शब्द 'आनंदी आनंद गडे' म्हणत नाचू लागतात. जर्मन महाकवी 'गटे' उगाच नाही महाकवी 'कालीदासाचे', 'शाकुंतल' डोक्यावर घेऊन नाचला आनंदाचा डोह असेल तर तु तरंगही आनंदाचेच उठणार, म्हणालेत ना 'तुकोबाराया'! आणि ज्ञानेश्वर माऊली..... त्यांनी तर 'येणे वाग्यज्ञे तोषावे। तोषोनी मज द्यावे पसायदान हे ॥' असं म्हणत ज्ञानेश्वरांच्या रुपातला आनंद भगवंतांनी स्वीकारला. त्यांनाच आनंदाचे दान मागितले व स्वतः आनंदस्वरूप झालेत.

आनंद अशीच त्यागाची पण भावना आहे. आपल्या आवडीच्या गोष्टींचा त्याग करून समोरचा जीव आनंदी होत असेल तर त्यागातला आनंद ही जगातली परमोच्च सुंदर भावना ठरेल कारण, आनंद ही अशी वस्तु आहे की जी आपल्या जवळ नसली, तरी दुसऱ्यांना मात्र देता येते. तेव्हा सकाळी सुप्रभात आणि गुडमॉर्निंग म्हणायला विसरू नका.

'माणूस'

देव आनंद (बी.ए. प्रथम वर्ष)

या भूमीवर जन्मल्याचा मला गर्व आहे
पण,
भूमीवर बंधूभाव सोडून बाकी सर्व आहे.

या भूमीची रितच महान आहे
माणसाला माणसाच्या रक्ताची तहान आहे.

भाव इथे पैश्याला, मानवतेला भाव नाही
शोधून काढला देश
पण,
माणूसकीचं गाव नाही

बनलोट आपण सर्व काही
आणखी, बनायचे आहे खूप काही
इथे माणूस बनतो 'देव'
पण,
माणूस कधी बनतचं नाही

स्वप्न

देव आनंद (बी.ए. प्रथम वर्ष)

इतकच स्वप्न माझं
मलाही कुणासाठी दिव्यासारखं जळू दे ?
अंधारात राहणाऱ्याला
प्रकाशाची किरण देऊ दे !

इतकच स्वप्न माझं
मलाही कुणासाठी तरी लहू दे !
सर्वांना सुखी पाहून
माझं मन हर्षूदे !

इतकच स्वप्न माझं
माझा जीव कुणाच्या कामात पडू दे ।
जखमांच्या वेदनेत ही
ओठांवर हसू फुलवू दे !

इतकच स्वप्न माझं
सेवा कर्म लाभू दे!
जपून मानवधर्म
तिमीर माझे गळू दे !

मी मरणार ?

शितल गुरुदास धेरकर, (बी.ए. तृतीय वर्ष)

आपण शब्दांचे आणि कृतीचे अनेकदा चुकीचे अर्थ काढतो आणि 'तेच खरे' असं समजून चालतो ।

एक दहा - अकरा वर्षांची मुलगी दवाखान्यात अॅडमिट होती तिला एक खूप विचित्र आणि गंभीर आजार झाला होता. ब्लड ट्रान्सफ्युजन केलं तरच तिच्या वाचण्याची काही चिन्हं होती. तिच्या धाकट्या पाच वर्षांच्या भावाचं रक्त त्यासाठी घ्यावं लागणार होतं, तोही याच आजारातून वाचला होता. त्याच्या शरीरात त्या आजाराशी लढणारे प्रतिद्रव्य तयार झाले होते.

डॉक्टरांनी त्या छोट्या मुलाला सगळं समजावून सांगितलं. तुझ्यामुळे तुझ्या बहिणीचा जीव वाचू शकतो, ती पुन्हा हसायला लागेल, खेळायला लागेल... पण त्यासाठी तुला तिला रक्त द्यावं लागेल तुझं रक्त चालेल का तुला ?

तो मुलगा जरा वेळ गप्प बसला आणि मग म्हणाला, 'त्यानं जर तिचा प्राण वाचणार असेल तर मी देईन तिला माझं रक्त'

ब्लड ट्रान्सफ्युजनची प्रक्रिया सुरु झाली. त्या मुलीचा चेहरा उजळला. आता आपण वाचणार या भावनेनं तिच्या चेहऱ्यावर तेज आलं.

पण इकडे हा मुलगा मात्र मलूल व्हायला लागला.

'डॉक्टरकडे पाहून त्यानं रडतच विचारलं, डॉक्टर, म्हणजे आता मी मरणार ?'

डॉक्टरांना कळेना की हा असं का विचारतोय त्यांनी त्याला समजावलं तरी तो ऐकेना

कारण ?

डॉक्टरांच्या म्हणण्याचा त्यानं भरताच अर्थ काढला होता. त्याला वाटत होतं, 'आपल्या शरीरातलं सगळं रक्त काढून आपल्या बहिणीला देणार आणि आपण मरणार!'

नात्यात अनेकदा असचं होतं. मग ते कोणतेही असू द्या.

आपण आपल्या माणसांविषयी, त्यांच्या बोलण्याविषयी असाच गैरसमज करून घेतो आणि मग जिवाभावाच्या माणसांसाठी केलेल्या गोष्टीच आपल्या त्रासाला कारणीभूत ठरतात ।

चुकलं आपलं कारण आपण शब्दांचे आणि कृतीचे अनेकदा चुकीचे अर्थ काढतो आणि 'तेच खरे' असं समजून चालतो !

देशासाठी १० मिनिटे

आहेत काय ?

गितांजली पारधी, बि. एस.सी. ॥ (पी.सी.एम)

आज आपल्या देशाची प्रगती एवढी झाली की, शब्दात सांगता येते प्रत्येक माणूस आपली उत्तरोत्तर प्रगती व्हावी म्हणून धडपडत असतो परंतु आपण सर्व हे विसरत आहोत की, आपण या भारत भूमीचे सुपुत्र आहोत. आपण या देशात राहतो गोष्टीचा विसर पडला आहे.

'जननी जन्मभूमिश्च स्वर्गादपि गरीयसी'

माता आणि मातृभूमी ही स्वर्गा-पेक्षाही श्रेष्ठ आहे असे फक्त बरबर परंतु या सर्वांचा आपणास विसर पडला आहे. आपण देशासाठी १० मिनिटे सुद्धा काढू शकत नाही याचे कारण काय ?

आज आपण आपल्या देशाकडे पाहिले आणि प्रश्न विचारला की, भारत आहे ? तर उत्तर येईल होय. पण मी म्हणेल नाही कारण आपण मी, माझा परिवार, या व्यतिरिक्त विचारसुद्धा करीत नाही. आज संपूर्ण जग जवळ आले परंतु माणूस शोधूनही सापडत नाही. या सर्वांवर कळस चढविला तो भ्रष्टाचाराने! त्यामुळे एकोकाळी शांतताप्रधान समजला जाणारा देश आज "भ्रष्टाचार प्रधान" देश झाला आहे.

हे सर्व स्वतःहून बदलने अशक्य आहे. तर ते आपल्याला करायचे आहे. आपल्याला गृहीत न-धरता मी ते करणार असा निर्धार केला पाहिजे. त्वरीत होणार नाही, वेळ लागेल परंतु हळुहळू हे सर्व वास्तवात बदलेल आणि भारत एक महाशक्ती म्हणून उदयास येईल.

आज परिस्थिती अशी आहे की, भारतीयांना आठवण करून द्यावी लागते की, जे वीर देशासाठी मृत्यूमुखी पडले त्या वीरांना श्रद्धांजली द्या। खरंच आपण एवढे स्वार्थी झालो की, असे करा म्हणून सांगण्याची वेळ आली. स्वतःला प्रश्न करा, यावर विचार करा आणि देशासाठी १० मिनिटे देऊ शकतो की नाही ते पाहा असे जर आपण करू शकलो तर आपण गवनि म्हणू शकतो "भारत माता की जय !"

"शिक्षितांना सुशिक्षित करण्याची आज भारताला गरज आहे"

नको करा रे नको करा रे, देशाची हि हिंसा...

सुनिल. झा. उके

देश स्वातंत्र्य होवूनी अनेक वर्ष लोटली
आजही जाती-पातित रोजच हिंसा
जणु ज्वालामुखी सारखी झाली ही हिंसा
जिकडे - तिकडे आगिचा हा काळाभोर वणवा
नको करा रे, नको करा रे, देशाची ही हिंसा
राज्य असो की, नगरे असो का ही हिंसा वाढत गेली
देशालाही लाज वाटते वाढत गेली ही हिंसा
अनेक थोर होवूनी गेले प्राण आपले गमवून गेले
देशाच्या ह्या भवितव्याला
नको करा रे, नको करा रे, देशाची ही हिंसा
आप-आपसात भांडण तुमचे
या मातीला रक्ताचे सांगने तुमचे
राष्ट्रपिता सांगून गेले अहिंसक वृत्तीची ही माया
रोजच होते हिंसक वृत्तीची ही काया
नको करा रे, नको करा रे, देशाची ही हिंसा
सन्मानाने जगा तुम्ही,
सन्मानाने जगवा,
आजच घ्या हो संकल्प
नको करा रे, नको करा रे, देशाची ही हिंसा
जगण्याला ही लाज वाटते
हिंसा ही अतिवृष्टीची
जात धर्म शिकवत नाही
हिंसेची ही गोडी
नको करा रे, नको करा रे, देशाची ही हिंसा
(आता तरी देश वाचवा
सोडा ह्या हिंसेला
जगा आणि जगु द्या)

दलितांचे सम्राट डॉ. भीमराव आंबेडकर ...

निवेदक - सुनिल झा. उके

माणूस म्हणून जगणे शिकविले
दलित वर्गाला न्याय दिला
संविधानाने दिली आम्हाला ताकत
दलितांचा महापुरुष
त्यांचे विचार आजही प्रेरकच
न्याय, समता, बंधुता संपूर्ण
देशाला देऊन गेले
माणसाला माणुसकी शिकवून गेले
समाजाला दिली दिशा
विचारांची शक्ती दिली
संपूर्ण देशाला कायदे दिले
ज्ञानाचा संग्रह दिला
दलितांसाठी झटणारे
दलितांसाठी नेहमी कळकळणारे
नदीच्या झन्याप्रमाणे
दलितांसाठी वाहणारे
दलितांचा उद्धार करणारे
बुद्धाची शिकवण देऊन गेले
शांतीचा संदेश दिला
जगण्याचा सन्मान दिला
बुद्धमय देश करुनी गेले
डॉ. भीमराव आंबेडकर

एक सपना

शितल गुरुदास धेरकर, (बी.ए. तृतीय वर्ष)

बहुत दूर निकल आए है,
घर से,
माँ, पापा आपके सपनों की
परवाह ना होती तो
कबका घर चले आते,
आए है, घर से दूर
सिर्फ यही सोचकर की,
इन परेशानीयों के बाद
माँ, पापा को दुनिया की
हर खुशी दे देंगे

