

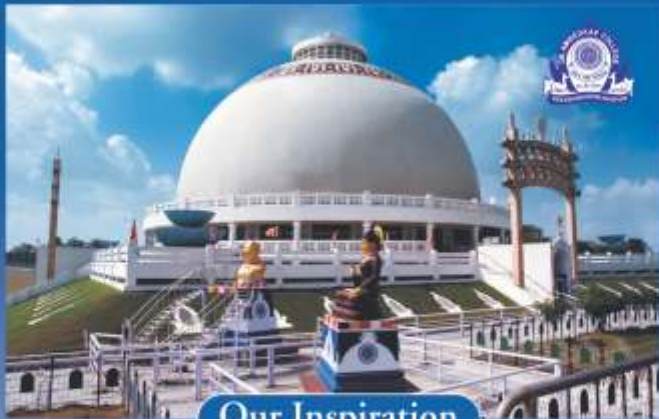
**DEEP 2018**



**DR. AMBEDKAR COLLEGE**

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

Deekshabhoomi, Nagpur



## Our Inspiration



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Founder President



**Late H.E. Shri R S Gavai**  
Former President, College Management  
and Former Governor of Kerala & Bihar



**Bhante Arya Nagarjun Shurei Sasai**  
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Secretary, College Management



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



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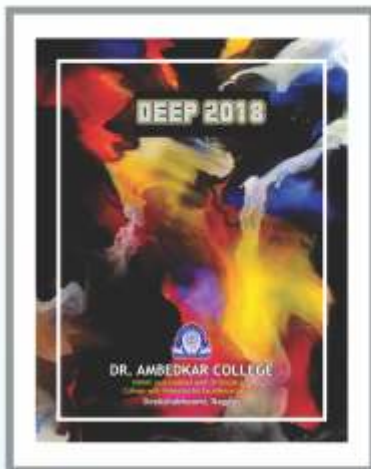
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# FLY HIGH<sup>AT</sup> DACN



## MISSION & VISION

### **Our Mission**

To define futures  
Through qualitative, enriching  
and affordable education.

### **Our Mission**

To create Next Generation Citizens of  
Character, Strength & Confidence  
Through focused teaching, all round grooming,  
individual attention and personality enhancement.

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# Deep 2018

## Annual Magazine



Param Poojya Babasaheb Ambedkar Smarak Samiti

### DR. AMBEDKAR COLLEGE

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## From The Editor's Desk...

Another eventful year draws to a close in the glorious history of DACN. It has been a year full of achievements, moments of joy, successful deeds, fruitful efforts and fulfilment.

Good things do not happen because we merely desire them or even deserve them. Instead we have to make them happen by our iron will, hard work, sweat and toil. Life is what you make it. Firm must be your will, patient your heart and passionate your aspiration to attain the fulfilment of your great goal. All the performances of great human art, unbelievable discoveries and miraculous feats of scientific achievements, which we regard as wonders are nothing but perseverance in disguise.

If you take interest, evince enthusiasm and do something beyond the sphere of your routine duties, you are bound to excel and attract success. There is always a better way of doing any job and if you wish to excel, you must find that better way. The great and constant urge to do better, to bring about improvement and to accomplish more is the mark of a self-motivated and dedicated person.

Your disposition and attitude rather than your position or possessions will ultimately decide your success and happiness. Your tomorrow depends entirely on what you do today. The pathway to success is paved with sweat and toil and only those who convert dreams into reality or the impossible into the possible can claim the crown.

The complete ethos and work culture of DACN facilitates you to fashion your destiny. So make the best of these precious years you spend in this College.

As my date of retirement draws near, I take a bow from the task of Editorship of our College Magazine – DEEP. It has been a long and eventful journey since 2004, when I took charge of this Magazine, under the able leadership and guidance of the then Principal, Late Dr R Krishnakumar. I take this opportunity to convey my heartfelt thanks to each and every member of my Editorial Teams, students as well as Lecturers, who have helped me in my work over these years.

**Dr Pallavi V. Chopde**  
Editor-in-Charge, DEEP

## Editorial Board

Staff & Student Members of the Editorial Board 2018  
with the Principal Dr. P. C. Pawar





**Deep**  
2018



## Department of English



Inaugural Function of English Literary Association  
Dr. Nihal Sheikh: 06-09-2017



Induction Programme: Humanities: 24-07-2017



Financial Aid To Economically Weaker Students:  
Shri. Kekhusuru M Mehta And  
Smt. Putlan K Mehta Endowment Fund 31-08-2017



Teachers And Students As Volunteers  
For Annual Function of  
National Federation of The Blind: 15-10-2017



One-day Workshop On Creative Writing:  
Dr. Prakash Kharat 20-02-2018



Guest Lecture: Interview Techniques:  
Ms. Smrita Vaidya: 30-08-2017





## Department of Commerce



Farewell Programme of Dr. V. M. Chopde Head & Vice-Principle (Commerce) along with Dept. of Commerce & Science faculties



Dr. P.C. Pawar, Principal of the college & H.O.D., B.C.A, Deptt. distributing the certificates of workshop (One week) on Profsciain of In Computer Application



Induction programme Dr. Mrs. Pratibha Siriya a briefing about the institution and Deptt. of Commerce and activities conducted by the Deptt.



Mrs. Poonam Menaria - guest speaker delivering her session on Career Options & Career Building



Panel Discussion LEW, VIA Entrepreneurs, Mrs. Profultata Rode, Mrs. Sachi Malik (President) Mrs. Bowade, Mrs. Vansana Sharing, Y. Ramni Chitrs Parrte interacting with the Commerce students.



Field visit at Bajaj Steel (Sitel the officer the Company Mr. Sandip elaborating/ Explaining the Manufacturing Process to commerce students)



## Department of Physics



Teachers and students attending Science Circus





## Department of Chemistry



Dr Ratnnadeep Sawant, Mr Sarvesh Pande,  
Dr Mrs. K M Reddy, Mr Mayur Thul, Principal  
Dr P C Pawar and Dr Deepa Panhekar



Muneshwar Nandestwar delivering lecture.



Visit to National Environmental Engineering Research Institute  
M S c Chemistry students participation in workshop



Chief Guest Dr. V. M. Ilorkar, Head, Department of  
Agroforestry, Agriculture College, Nagpur spoke on  
Soil testing and importance of Agroforestry.



Faculty members with students



Students during the Poster Making Competition  
on Water Conservation.



## Department of Electronics



Dr. N. V. Shiwalkar, Ram Ghode and students of B.Sc. sem-I in the aptitude test



Ku. Pitambari Karande completing a home assignment



Staff members garlanding and lightening



Prof. V. S. Pawar floral welcoming to the principal the Dr. P. C. Pawar



Prof. V.S. Pawar demonstrating Application of CRD.



Prof. V. S. Pawar and students at farewell programme



## Department of Zoology



Bridge Certificate Course



Students in the Expo



Dr. Surwade delivering the lecture



Dr Suresh welcomes the guest



Dr. Shivkumar giving donstration



Dr. Shinkhede delivering lecture



## Department of Law



Participant, Amtesh Bhattacharya, along with the jury members.



First round of the Conquest Exemplar



Adv. Firdoz Mirza inaugurating the course along with other dignitaries



Dr. Makrand Vyawahare & Dr. Mukherjee addressing the participants



Shree J. Rohit Deo inaugurating the Camp & Dignitaries present on the dias.



Adv. Prashant Bhushan along with other dignitaries & three judges judging case study competition



## Department of Physical Education & Sports



T.T. Girls - Dt. 18th Jan 2016, 2015 to 2016  
2016 to 2017, 2017 to 2018 - Table Tennis Circles



Volley Ball – Women Dhanwate Sports Festival  
18th Sept. to 20th Sept. 2017 Winner



27th November - Event Air Pristal Inter Colleg Parts Bronze  
All India Selection Amritsar-9 to 15 Dec.2017 Punjab University



Volleyball Intercollegiate Tournament Orginal R.T.M.  
Nagpur University Championship (WOMEN) Dt. 12-3-2018



**Prajakti Pullarwar**  
Pistol Shooting, 27/10/2017  
3rd Rank in Inter-collegiate,  
Inter university selection for all India unit.



**Aditi Patel**  
B.com - 1 yr.  
1st West Zone, 5th in All India  
University 2017 (CHES)



**Aishwarya Kumbhare**  
B.com(Final) Inter university  
West Zone Hockey- Selection B.Com III  
Nehru Vaidetara Gujarat from 1-01-18



**Kalyani Meshram**  
Ashwarath, Dapoli  
25-11-17 to 1-12-17  
(Volleyball)



**Bhagyashri Dharmik**  
West Zone - Jaipur  
10-13 Oct 2017.  
(Volleyball)



**Vaishnavi Totade**  
West Zone - Jaipur  
10-13 Oct. 2017.  
(Volleyball)



**Ruchita Panbude**  
B.Com III  
University West Zone - TT Bhopal  
Jaguar University



**Aishwara Harkare**  
BCA - Sem II  
University West Zone - TT Bhopal  
Jaguar University



## Department of Statistics



Inauguration by HoD Mr. R. V. Patil



Inauguration of Certificate Course



Mr. Patil, HoD delivering Welcome Address



Teachers and Students at MRSC



Shri V. S. Pawar inaugurating Poster Competition



Mr. Patil & Ms. Badar garlanding the portraits of Lord Gautam Buddha and Bharat Ratna Dr. Ambedkar





## Department of Mathematics



Meteorological Day



Welcome Address



Career Opportunities in Mathematics



Class Seminar



Problem Corner



Guest Lecture



## Department of Computer Application



Induction Program



Science Exhibition On E-waste



Workshop On "proficiency In Computer Application"



Installation Of Society Of Computer Application  
And Inauguration Of Annual Function (arena)



Felicitation Of Placed Students



Guest Lecture On "current Trends In It Sector"



## Department of Computer Science



Farewell Program for M.sc-sem IV  
students on 19-05-2017



Dr. P. C. Pawar, Principal and Dr. (Mrs) K. M. Reddy,  
Director , College Development, during Inaugural Function



Prof. Mrs. Dani, Coordinator, Quick-Heal delivering lecture  
on Importance of Antivirus on 02-08-2017



Mr. Paramjeet Singh Bhabra, Marketing Executive, NIIT,  
Nagpur delivering lecture on current  
scenario in IT Field. Date: 12-08-2017



Mr. Biswaroop Padhi, Founder Director, Adept Academy  
and Ex-CMD Square Yard's delivering Lecture on  
Digital Marketing and Communication on 24-08-2017



Department of Computer science conducted  
Tech Fest program for M.sc-I and M.sc-II students  
on 12-01-2018 in which following activities conducted



## Department of Biochemistry And Biotechnology



Mr. Rohan Thaware informing students about the curriculum and over all working of the department.



Dr. V. S. Jambhulkar planting a sapling in memory of Dr. Saibal Biswas



Mr. Pradip Hirapure conducting practical session on laboratory techniques in forensic sciences



Dr. A. V. Shrikhande addressing the student gathering where she guided the students about the Sickle cell disease.



Guest addressing the students during the event Genesis



Dr. Mrs. Rathil from Divine India Youth Association addressing the students about the mental health



## Department of Economics, History & Political Science



Group Discussion on 'GST' By Dr. Gautam Kamble  
HOD, Dept of Economics



'Competitive Exam Guidance Programme' by  
DR. D.V.N.S. Suresh and Mr. Rahul Vaidya from Placement cell  
of DACN 100 students were present in this programme.



14/07/2017 Induction programme  
for B.A. 1st Year Dr. P. C. Pawar  
Principal, Dr. Ambedkar College



Reading and Discussion on  
the Speech of Justice P. B. Sawant  
By Dr. G. K. Kamble HOD, Dept. of Economics.



Three days' Workshop organized on  
'Writing Skill' organized by UNICEF  
Charkha foundation Maharashtra  
Branch Mumbai at Mumbai.



Guest Lecture on 'Sustainable Development  
and Buddhism' By Dr. H. M. Desarda Ex. Member of  
State Planning Commission.



## Department of Sociology



Inaugural Programme Mrs. Bharti Nerahwar,  
Suraj Adhyapak Vidyalaya, Chandrapur. (The Chief Guest)



Swachatta Mohim, in slum area



Debate competition



Workshop on  
"unemployment causes and consequences"



Group Discussion



Guest Lecture  
Preparation of UPSC & MPSC Exam



## Department of Psychology



Mrs. Bharti Neralwar Inaugurated Psychology Study Forum



Farewell Program



2nd prize in Role play competition in National Conference organized by C P & Berrar College, Mahal



Inauguration and guest lecture on What is Psychological testing by Prof Shankar Bhusari



Exhibition of Psychological Tests and Certificate Distribution



Mr. Shankar Bhusari from Ignou, is the only speaker of the workshop



## Department of Marathi







## Pali-Prakrit





## Unnati



Hon'ble Dr. Dipati Christian Principal Hislop College, Nagpur, Chief guest of the concluding Function of Unnati delivering her Address to the august gathering



Dr. Suresh Chari – Pilot faculty of Unnati interacting with the students on the topic – "Shedding Inhibition"



Hon'ble Shri V.M. Gajghate, Member Smarak Samiti & President of the concluding Function of Unnati-2018 delivering his Presidential Address



Mrs. Amrita Wankhede - Trainer delivering the Session on "Dressing Sense."



Guest speaker (Trainer) Javed Khan Rana handling the training session on "Effective Public Speaking"



Guest speaker (Trainer) V. Murli delivering the training session on the Topic - "Leadership and qualities of Leader"



Lectures/Demonstrations held in Development Programme for Self-Employment



Chemical Products



Fabric Painting



Flower Arrangements



Jewellery Making



## Women Development Cell



Guest speaker Ms. S.N.Shah garlanding the portrait



Dr.B.A. Mehere Highlighting the programme



Mrs.Sandhya Kalamdhad Compeering the programme



Audience attending the programme



Dr. Rashmi Bansal : Neuro-Linguistic Programming  
02-04-2018



Dr. Manisha Kapoor - Interpersonal Skills  
03-04-2018



Dr. Mujahid Siddiqui : Teachers' Personality  
And Classroom Delivery : 04-04-2018



Dr. Prashant Rathi : Bone Health in the Current Scenario :  
05-04-2018



Dr. Ashutosh Patilkar : Effectiveness Redefined  
06-04-2018



Teacher Participants



Yoga Din



Tree Plantation Program



Independence Program



Inauguration Of NSS Unit :



Blood Donation Camp



Samvidhan Day:



ECGC





## Dr. Ambedkar Thought





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# **DEPARTMENTAL REPORTS**



# Annual Activity Report - 2017-18

## DEPARTMENT OF ENGLISH

### JUNE & JULY :

**Admission Process :** Members of the Department worked on Admission Committees from the first week of June for BA I, II, III and MA (English)

An Induction Programme was conducted for the freshers of BA I by Dr ShaileshBahadure on 14th July 2017. Students were given information about various activities conducted by the Department. A power-point presentation was made to also apprise the students about the Cells and Forums and their functions and programmes.

A Class Seminar was organised on 25th July 2017 jointly for B Com I (Sem I) English and Marathi Medium students. Topics : Job Application Letter & Interview Call Letter.

Conducted by Dr ShaileshBahadure and Mr ManojAndraskar.

### AUGUST :

**Library Visit :** Students from Faculties of Arts and Commerce were taken to the Central Library of the College on 10th August 2017. Mr Rajesh Lokhande, Librarian, explained the process of entr and cataloguing books, searching books in various sections and stacks as well as rules of lending and returning for students. Dr ShaileshBahadure co-ordinated the entire programme.

A Class Seminar was conducted by Dr ShaileshBahadure for B A II ELT students on 24th August. Topics were selected from Background to English Literature.

A Class Seminar was conducted by Dr PallaviChopde for BA III students of ENGLIT on the topic : Shakespearean Tragedy. Date : 25th August 2017.

A Guest Lecture on INTERVIEW TECHNIQUES was conducted on 30th August 2017. The invited Speaker was Ms. Smita Vaidya. Students of Arts and Commerce attended this Session in large numbers.

**An Activity** – Student Role Play for B Com I students was conducted on 30th August by Mr Manoj Andraskar. The topic was : English Communication Skills.

**The Roles given to the students were as follows :**

- Receptionist and Customer
- Bus Conductor and Traveller
- Judge and Advocate
- Students' Choice The Winners were :

- Jayashree Mulghane Yogesh Limje
- Mukesh Dhurve, Shradha Bitle & Bhagyashree Patil

**A Special Programme Co-ordinated by the Department :** All the Staff Members participated in a special programme "Shri Kekhusuru M Mehta & Smt. Putian K. Mehta Endowment Fund Distribution Programme" on 31st August 2017. An amount of Rs. 46,000/- was distributed to economically weaker students in Arts, Commerce and Science faculties. Staff members worked to collect information and identify students who required such assistance and conducted the programme.

### SEPTEMBER :

The Inaugural Function of the English Literary Association was held on 6th Sept 2017. The Chief Guest on this occasion was Dr Nihal Sheikh, Head, Dept of English, Santaji College, Nagpur.



A Class Seminar was conducted by Dr Pallavi Chopde for MA Sem I students on Tagore's GITANJALI on 9th Sept 2017.

All the members of the Department were actively involved in the preparations for the NAAC visit conducted on 18th and 19th Sept 2017.

#### OCTOBER – NOVEMBER :

Class Seminars were conducted for MA Sem I and Sem III students by respective teachers on 13th and 14th October.

A Class Activity: 'GUESSING GAME' on Words often Confused : Adverbs and Adjectives was conducted for B Com I Sem I students on 13th October by Mr Manoj Andrasakar.

The Annual Convention of National Federation of the Blind was held on 15th Oct 2017, at AmrutBhavanam, Nagpur. 24 students from Arts, Science and Commerce faculties worked as volunteers for the programme. Teachers-in-Charge were Dr Shailesh Bahadure, Ms Anita Tirpude and Mr Manoj Andrasakar.

A Quiz Competition was organised on 29th Nov 2017 by Ms Anita Tirpude for B A Sem I students based on Vocabulary prescribed in the syllabus. The winners were : 1) Tanvi Badki, 2) Shubhangana Meshram, 3) Nikita Ankar.

#### DECEMBER :

An Extempore Speech Competition was conducted by Ms Anita Tirpude for B A I students on 20th Dec 2017. The Winners were ; 1) Pawan Kanoje 2) Juhi Behalpade 3) Umang Bagde.

A Class Activity , FACE GAME, was conducted for B Com Sem II students by Mr Manoj Andrasakar. Rapid Fire Questions (VSAQ) was given to the students. Date : 26th December 2017. The Winner was Galsworthy Group. The condition in the given activity was that if a group of students could not answer the question, one of the students in the group would share his/her views on any subject.

#### JANUARY :

Two members of the Department conducted classes for the UNNATI programme.

- 1) **Mr Manoj Andrasakar** ; Date 8th Jan 2018.  
Topic : Basics of English Language
- 2) **Ms Anita Tirpude** ; Date 9th Jan 2018.  
Topic : How to Improve English Speaking.

A Speech Competition was conducted by Ms Anita Tirpude for B A I students on 16th Jan  
Topic : Problems of Unemployment

#### Winners :

1. Shubhangana Meshram
2. Umang Bagde
3. Suryakant Bansod

A Team of six students participated in Public Awareness Programme on ' A Global Event of Handwriting Awareness', organised by Yashoda Girls' Arts and Commerce College, Snehnagar Nagpur. Date 23rd January 2018.

#### Teachers-in-Charge :

Dr Shailesh Bahadure & Mr Manoj Andrasakar

Presentations were made on the Background Topic : ROMANTIC REVIVAL by B A Sem II and MA I students. Date : 25th Jan.

#### Winners :

- 1) Divgun Khurana
- 2) Umang Bagde
- 3) Pushpanjali Meshram

#### FEBRUARY :

An Essay Competition was conducted for B Com Sem II students by Mr Manoj Andrasakar on 15th Feb 2018.

#### Topics :

- 1) A Memorable Day in my Life
- 2) Nature And Humans
- 3) My Favourite Hobby
- 4) Demonetization



**Winners :**

1. Bhagyashree Patil
2. Pranay Manwar
3. Shraddha Bitle.

Remedial Classes were conducted by Ms Anita Tirpude for students of B A SemII

Dates : 15th Feb 2018 to 10th April 2018

Grammar topics taken :

Subject Verb Agreement,  
Tenses,  
Types of Sentences,  
Parts of Speech.

A One-Day Workshop on Creative Writing was organised by Dr PallaviChopde on 20th Feb 2018 for students of the Arts Faculty. The Chief Guest and Speaker was Dr Prakash Kharat, Former Head, Department of Marathi, Dr Ambedkar College, Nagpur.

A One-Act Play REFUND was performed as part of classroom activity by B A I Sem II students on 25th Feb 2018. Teacher-in-Charge : Ms Anita Tirpude

An Interdisciplinary Programme was conducted on the topic : SUSTAINABLE ENVIRONMENT. Date:28th Feb 2018.

A Poster Competition was conducted for B Sc students on the same topic. Three Groups participated in the Competition, Prize Winners were students from the first Group. The Groups were:

**Group I :**

Mansi Bhagwat, Ritika Pardhi, Aishwarya Edlabadkar, Sakshi Dongre, Kirti Pandey, Nupuriyer, Dhanashree Andhare.

**Group II :**

Nikita Khadse, Komal Bhandekar, Pratiksha Nasre, Pratiksha Sharma.

**Group III :**

Kalyani Meshram, Aditi Tambe, Nisha

Madne, Prachi Hulale.

A Lecture too was delivered on the same topic. Resource Persons were : Mr Subhash Somkuwar, Head, Dept of Botany, and Dr Rahul Kamble, Dept of Botany.

**MARCH:**

Viva Voce for M A Sem IV on 6th and 7th March 2018 conducted by Dr Pallavi Chopde

A Classroom Activity, Puzzle Solving based on the Syllabus – One Word Substitution was conducted on 9th March 2018 for B A Sem II by Ms Anita Tirpude.

**Winners were :**

- 1) Sakshi Mendhe
- 2) Nikita Ankar
- 3) Shubhangana Meshram.

A Class Seminar on Poetry Reading was conducted for B Sc Sem II on 10th March by Ms. Priti Singh.

Viva Voce for MA I Sem II was conducted on 24th and 25th March by Ms Anita Tirpude.

**Members of the Dept completed and submitted the following :**

- Annual Programme Plan 2018-19
- Annual Quality Assurance Report 2017-18
- Annual Activity Report 2017-18
- Annual Teaching Plan 2018-19
- Course Completion Report 2017-18
- Daily Diaries.

**APRIL :**

- Preliminary Exams of B A Sem II
- Compulsory English 2nd April 2018
- English Literature 5th April 2018
- Teacher-in-Charge Ms Anita Tirpude
- Viva Voce of BA Sem II
- Compulsory English 3rd April 2018
- English Literature 6th April 2018.

...



## DEPARTMENT OF COMMERCE

An Aptitude Test was conducted for the students of B.Com part I E&MM Students to check their level of knowledge in the commerce subject on 10th July 2017.

### Induction Program :

A Induction program was organized for B.Com part I E & MM Students for informing them about the college as well as the activities conducted, both curricular and extracurricular for the students and how these activities helps them for updating their knowledge and enhancing their all round personality, this program was organized on 2017. Through these activities a platform is given to the students to exhibit their hidden talent. President of the function was Dr. P. C. Pawar, Principal of College, delivered his welcome address, Dr. D. H. Puttewar conducted the proceedings and inform the students about the college and activities conducted in the department of commerce, Dr. Mrs. P. M. Siriya highlighted the importance of commerce education and how it is so live and interesting subject. Commerce education is having a lot of employment opportunities and has wide scope for entrepreneurship development. Dr. Mrs. P. M. Siriya opined that, commerce students while doing their graduation must pursue other professional courses like CA, ICWA, CS, CFA, Computer Courses, Hotel Management etc. She acquainted the students about the post graduation courses like M.Com (E & MM), MA in Economics, Marathi, English, MBA, LLM & Computer courses conducted by our College. Principal of the College Dr. P. C. Pawar expressed his views and expectations from the students i.e. to bring the best results for the college, strictly follow the college rules and regulations for the

discipline by each one of the students, he has given best wishes to the students for the whole academic session, Dr. Ravi Rao and Mr. Nikhil Narlawar also spoke on this occasion. Mrs. Varsha Panbude Proposed the vote of thanks.

### Fresher's Day Celebration :

A "Fresher's Day Celebration" is organized by B.Com II & III (E & MM) students for welcoming the B.Com I (E & MM) students. Fresher's Day was celebrated on... 4th August 2017 and acquainted them about the reputation of Dr. Ambedkar College and the department of commerce. Senior students- Ms. Shreya Bhagat, Ms. S. Swathisri, Ms. Sakshi Ganvir, Mr. Ankit Chhapparghare, Mr. Hemant Shingekar, Ms. Pragati Warghat and Mr. Aman Meshram expressed there views about the institution, teaching staff and curricular and extracurricular activities conducted by the department as well as the facilities available for the students like, rich library, Wi-Fi, internet facility, canteen, Xerox centre, ATM, infrastructure of the college, field visit, panel discussion, guest lectures, workshops and certificate courses etc. B.Com. Part- II and III students mentioned above shared their experiences with the newly admitted B. Com-I students. Dr. Mrs. Pratibha Siriya and students conducted the proceedings of the program.

### Curricular and Extra Curricular Activities:

For updating the knowledge of the students and for developing their allround personality a good number of activities conducted by the department. Commerce department is not only focusing on the academic excellence but also on developing the allround personality of the students. Dr. Mrs. Pratibha Siriya has organized all the events and worked hard to make them successful.



**List Of Events:**

- (1) Extempore Competition was organized on 09-08-2017
- (2) Rangoli Competition was organized on 12-08-2017
- (3) Essay Writing Competition was organized on 28-08-2017
- (4) Mehandi Competition was organized on 14-10-2017
- (5) Poster making Competition was organized on 04-12-2017
- (6) Singing Competition (solo) was organized on 06-01-2018
- (7) Dance Competition (solo) was organized on 20-01-2018
- (8) Elocution Competition was organized on 29-01-2018

We got overwhelming response for all these events. Students actively participated in many events and enjoyed a lot. Certificates were distributed to the winners.

**Guest Lectures:**

Guest Lectures were organized on varied and current topics for updating the knowledge of the students. Expert and experience, professionals and entrepreneurs were invited to share their wisdom of knowledge with our students. Topics mentioned below:-

- (1) SWOT Analysis, guest speaker was Mrs. Jigna Thakkar, corporate trainer. Dt. 31-08-2017.
- (2) Art of Decision Making. Guest speaker was Dr. Atul Shringarpure Dt. 21-09-2017
- (3) BPD and KPD- Guest speaker was Ms. Shefali Rai Dt. 30-08-2017
- (4) Behavioural Management, Guest speaker was Mrs. Amrita Wankhede- Corporate

trainer Dt. 18-12-2017

- (5) Future of Business and Technology, Guest speaker was Shri. Suresh Rathi, Vice President- Vidarbha Industries Association, Nagpur Dt. 10-01-2018
- (6) Business Start Up, Guest speaker was Mr. Ambuj Agrawal, Entrepreneur, VIA, Nagpur Dt. 13-01-2018

**Workshops:**

Four workshops were conducted, which were highly appreciated by the students

- 1) Interdisciplinary workshop was organized by Department of Commerce in association with Department of B.C.A. Topic was "One Week Interdisciplinary Workshop on Proficiency in Computer Application" Dt. 14th Aug to 22nd Aug. 2017. More than 200 students participated and benefited by this workshop. Topics covered- Microsoft Windows, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Internet Applications, Test and Concluding function.

Guest speaker for this workshop were Dr. Prakash Bhongade, HOD, Mrs. Priyanka Soitkar, Ms. Shama Khan, Ms. Harshala Pethe, Dr. Prashant Yende and Mrs. Anuradha Bhattad.

- 2) Workshop on "Goods and Service Tax (GST)". Expert faculty was Shri. Abhijit Kelkar, (CA), well known Chartered Accountant of Nagpur City. Dt. 15-09-2017.
- 3) Workshop on "Service Sector-Employment Opportunities", Guest Speaker was Miss Shefali Rai, Dt. 31-08-2017.





4) Workshop on Flowers Making and Greeting Cards Making, Guest Speaker was Mrs. Mona Patriwar, Dt. 25-01-2018.

In all the Workshops students gained practical oriented knowledge and updated information, which would be helpful to them in future while choosing the career options.

**Panel Discussion :-**

A Panel Discussion was organized for the students of commerce to interact with the entrepreneurs from Vidarbha Industries Association. Lady Entrepreneurs Wing of VIA had shown keen interest for this session. The theme/aim for such activity was to develop Entrepreneurship/Self Employment among the students. It was organized twice first was on Dt. 08-01-2018 and the panelist were Mrs. Sachi Malik LEW, VIA President, Mrs. Rita Lanjewar-LEW, VIA Secretary, Mrs. Prafullata Rode, Past President and Mrs. Anita Rao Past President LEW, VIA, Nagpur.

Second Panel discussion was organized on Dt. 16-01-2018 and the Panelist were Mrs. ChitraParate, Mrs. Madhubala Singh, Mrs. Neelambowade and Mrs. Vandana Sharma, all are Past President LEW, VIA, shared their experiences and updated knowledge with the students and encourage them for entrepreneurship. Students were highly motivated by listening their success stories. Dr. Mrs. PratibhaSiriya worked hard to make this programme a grand success.

**Career Options and Career Building Programme :-**

Specially two Guest Lectures were organized on "Career Options and Career Building" for all B.Com. Part I, II & III (E & MM) students. Mrs. Poonam Menaria was the expert guest faculty who briefed about what career

options are available and how to build the career in the (Tough Competition) present scenario. It was organized on Dt. 05-10-2017.

Second Guest Lecture was organized on the Topic "How to Crack MPSC and UPSC Examinations and other Competitive Examinations." ShriYogeshYadav gave full guidance on it, he discussed on Paper Pattern, Syllabus, Divisionof Marks as well as how to prepare for these examinations. All the students highly appreciated both the programmesand gained a lot of knowledge for the above mentioned exams and showed there interest in these examinations. This programme was organized on Dt. 24-01-2018.

**Field Visit :-**

A field visit was organized at Industrial Units situated at MIDC Hingana. The industrial units visited Bharat Plastic, Raj Plastic and Bajaj Iron & Steel Co. Ltd. Students were acquainted with the Practical Oriented Knowledge from Manufacturing to Dispatching the products. It was organized on Dt. 09-01-2018. A large number of students participated in this visits. It was very much beneficial for the students while going through the different processes of manufacturing till dispatching. Dr. Mrs. PratibhaSiriya, Dr. V.V. Panbude, Dr. D.H. Puteewar, worked hard for organizing these field visits.

**Community Extension Activities :-**

We all are part of the society, therefore as a social responsibility Department of Commerce organized two Guest Lectures cum interactive sessions for the Slum Dwellers. A community extension programme was conducted at slum area of Kachipura Ramdaspath, Nagpur. First guest lecture was organized on Dt. 22-02-2017. And the topic was "Consumer Awareness." The provisions of "Consumer Protection Act" was also



briefed to educate the people about their rights and privileges. Guest Speaker was Dr. Sarita Modak, Ex. HOD Psychology Department of Dharampeth College, Nagpur.

Second Guest Lecture was organized on Dt. 25-02-2017 and the topic was "Right to Information Act 2005." Guest speaker was Shri. Vijaykant Panbude, Asstt. Commissioner of Labour, Nagpur. A detailed information about Right to Information Act was given by the speaker, by which people from Kachipura Slum Area were educated. Refreshment was also distributed to Slum Dwellers. Dr. Mrs. Pratibha Siriya, Dr. V.V. Panbude, Dr. D.H. Puttewar, worked hard to make this programme successful.

#### **Unanati**

Unnati, a personal growth and skill development programme, a large number of students from commerce department participated in this programme for grooming their personality. Coordinator for this programme was faculty from commerce department Dr. Mrs. Pratibha Siriya working in the capacity of coordinator for the past 16 years. She is working on this project with dedication.

#### **Rotract club**

Rotary club of Nagpur has constituted a "Rotract Club" in which a large number of commerce students took the membership and some of them are office bearers of the club. Many projects were conducted for the waker section of the society as a social responsibility. Teacher incharge for this programme was Dr. Mrs. Pratibha Siriya, Dr. Prakash Bhongade, HOD BCA department and Mrs. Priyanka Soitkar.

#### **Farewell Programme :-**

On 17-02-2017 a Farewell programme was organized by B.Com. Part I & II (E & MM) students

for the final year that it B.Com. Part III (E & MM) students and wish them for their RTM Nagpur University exams and for their bright future. Shreyas Kale, Kartik Bhojar of B.Com. Part I (EM), Hemant Shimgekar, Miss Pragati Warghat, Rajat Shende, Amardeep Khobragade of B.Com. Part II (E & MM) spoke on this occasion. Ankit Chhapparghare, Miss Swathisir, Miss Shakshi Ganvir, Miss Shreya Bhagat of B.Com. Part III (EM) spoke on this occasion. Dr. Mrs. Pratibha Siriya, Dr. V.V. Panbude, Dr. D.H. Puttewar, worked hard to make this programme successful.

**All these activities were conducted under the able guidance of Dr. P. C. Pawar, Principal of the College and Dr. Mrs. K M Reddy, Director of the College.**

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## DEPARTMENT OF PHYSICS

### 1) Educational Visit

Students opting physics were taken to the 'Science Circus' which was organized at Raman Science Centre, Nagpur on 16th June 2017. This Science Circus was a part of Indo-Australian exchange program. Two scientists from Australia, Dr. Graham Walker and Dr. Stuart Kohlhagen were the Australian scientists who conducted this very interesting Science Circus. This program was in partnership with National Council of Science Museums and Australian National University and was supported by the Government of Australia.

In the Science Circus various experiments were shown by the two scientists in very interesting and lucid manner. Experiments from chemistry like vinegar reacting with baking soda made the lid of bottle to blow up. Many experiments from physics like launching kangaroos using liquid nitrogen and marshmallows out of vacuum cleaner, making rockets from common household items, inflating and deflating a balloon with the help of liquids nitrogen and finally making a cloud using liquid nitrogen were some of the key features that the scientists showed during the science circus. Many mathematical quizzes were also asked during the circus. The circus was thoroughly enjoyed by one and all. Many students from B.Sc visited the circus. The entire visit was coordinated by teacher in charge of activity Dr. Mrs. Aarti. N. Wazalwar.

### 2) Workshop for non-teaching staff

A workshop for non-teaching staff on "Technical awareness of experiments" was conducted in the Department of Physics on 21st and 22nd July 2017. The workshop was formally inaugurated at the hands of Dr. K.G. Rewatkar, Head of the Department, Department of Physics. All the teaching and non teaching staff members were present on this occasion.

The aim of the workshop was to make all the technical staff of the department aware of all the experiments which are to be performed by the students of B.Sc. classes during their practical hours. They were given the basic knowledge about the experiments like apparatus required, maintenance of the circuit boards, instruments, batteries, transformers, resistance boxes, oscillators, multimeters, soldering method etc. They were also introduced to instruments in the department like Cathode Ray Oscilloscope (CRO),  $e/m$  by Thomson's method and many more such equipments. The workshop became successful due to the efforts and co-operation of staff of the department. Dr (Mrs) Aarti N. Wazalwar had coordinated the workshop.

### 3) Inauguration and Installation of Physics Society

Department of Physics, Dr. Ambedkar College had organized Inauguration and Installation of Physics Society on 23rd August 2017. The Society was inaugurated by lighting the traditional lamp at the hands of Dr D.S. Bhowmick, Vice Principal, Jhuleal Institute of Technology, Nagpur. Principal Dr. P. C. Pawar, Dr. K. G. Rewatkar, Head Department of Physics and teacher-in-charge of the Physics Society, Dr (Mrs) Aarti N. Wazalwar were prominently present on the occasion. Dr P C Pawar in his welcome address welcomed the guest and spoke to the students about the role of Physics Society in the student life. The Chief Guest of the function first installed the Physics Society and then guided all the students on this occasion. He shared some of the experiences he had as a student also. He gave an interesting talk on past, present and future of physics and explained various aspects of physics. He



told how important the subject Physics is as it is an integral part of everyone's life, right from the time one gets up till the time one goes to sleep. He also told about latest technology and inventions in Science. Sayali Dakhole was elected as the President of the Society, Arya Pillai as Vice-President, Shreya Mankar, Secretary, Harman Singh Chahal as Joint Secretary and Piyush Mendhe as the Treasurer. The incharge for the inauguration and installation of the Physics Society for the Session 2017-18 was Dr (Mrs) Aarti N. Wazalwar.

#### 4) Inter University Level Workshop on Electroacoustic WEA 2017

Department of Physics, Dr. Ambedkar College has organized two days Inter University Level Workshop on Electroacoustic (WEA-2017) on 1st and 2nd August 2017. This event was organized in the collaboration of RTM Nagpur University, S. G. Amravati University and Gondwana University for the Post Graduation students. The workshop was inaugurated by lighting the traditional lamp at the hands of the Director Dr. Mrs. K. M. Reddy and Principal Dr. P. C. Pawar. Dr. K. G. Rewatkar, Head department of Physics and Organizing Secretary made the introductory remarks on the occasion. In this Workshop a number of renowned experts and guest faculties from the field of Electroacoustic and Ultrasonics were invited. Six talks on various aspects of Electroacoustic along with a visit to Acoustical research Laboratory, Post Graduate Department of Physics, RTM Nagpur University, Nagpur were organized.

The First day had two talks in the first technical session and three talks in the second technical session. In the first technical session, The first talk on "Study of Nanofluids: an acoustical approach" is delivered by the invited

speaker Dr. O. P. Chimankar, Jt Organizing Secretary, Ultrasonic Society of India and Professor, Department of Physics RTM Nagpur University Nagpur. The Second talk of First Session on "Acoustic and Eco-friendly control of Noise and Air pollution" given by Dr N. R. Pawar, Asst. Prof. and Head, Arts commerce and Science college, Maregaon, Yawatmal Amravati University. The chairperson of technical session was Dr. J. N. Ramteke, Acting Principal of S. M. Mohota Science College Nagpur.

In the Second technical session, the third invited talk on "an ultrasonic study: a theoretical Approach" is delivered by Dr. J. N. Ramteke, Asso. Prof. Dept. of Physics, SMM science college Nagpur after post lunch. The fourth invited talk on "Molecular Orbital Theory (MOT) is delivered by Dr. A. B. Lad, Asso Prof. Dept of Physics, and Amolakchand Mahavidyalaya Yawatmal. The Fifth invited talk on "An Ultrasonic Transducer: an efficient probe" is delivered by Dr. A. R. Bansod, Asst. Prof. (PG Level) Dr. Ambedkar College Deekshabhoomi Nagpur. The chairperson of the second technical session was Dr. Mrs. D. M. Borlikar, Asso. Prof. Dept. of Chemistry, Dr. Ambedkar College Deekshabhoomi.

On the second day of Workshop, an academic visit is organized at Acoustical Research Laboratory, Post graduate teaching department of Physics RTM Nagpur University. In the third technical session the sixth talk on "Design of Sing around technique: Make in Nagpur" delivered by Dr. S. J. Sharma, Prof and Head, Dept of Electronics and Computer science, RTM Nagpur University, Nagpur after post lunch. The chairperson of the technical session was Dr. K. G. Rewatkar, Head and Asso. Prof. Dept of Physics, RTM Nagpur University Nagpur.

There was an exhibition of models and posters by students and display of instruments related to ultrasonic field by Global Marketing. Dr. D. V. Nandanwar, Asso Prof. Dept of Physics SMM Science College was prominently present for the valedictory function. Ms Arya Pillai and Mr. Abhijit Kadam secured first prize in poster and



model making. The group of students (Ms. Aparna Kathale, Ms. Pranali lade, Ms. Pooja Ladi, Ms U. B. Bangadkar, Ms. Sanjivni Jadhav) secured first prize in Project report submission. More than hundred students from three Universities have registered for the workshop. Mrs. Priti Surkar conducted the proceedings of the inaugural session. Ms Pranali Tembhumre and Dr. Anita Patle conducted the proceedings of technical session and Dr. A. R. Bansod, proposed vote of thanks.

The convener of the workshop was Dr. A. R. Bansod, Head of the department, Dr. K. G. Rewatkar, Organizing secretary of Workshop monitored all the logistics of the program. Dr. A. B. Lad was the Co- Convener and also instrumental in collaborative programs at interuniversity level. Dr. O. P. Chimankar, Jt. Organizing secretary of the workshop guided and provided facility for academic visit to reputed research laboratory.

Dr. N. S. Meshram, Mr. Anup Bhat, Dr. Priyanka Shamkuwar, Dr. N. M. Gahane, Mr. Amar Nandanwar and Mr. N. N. Sarkar were instrumental in the smooth functioning of the program. Mr. Vinod Chaudhari, Mr. C.S. Hedaoo, Mr. R. M. Nimje and Mrs. Sheetal Kurve worked hard for the success of the 2-day program.

#### 5) Guest Lecture by S.J. Dhole

A Guest Lecture by S.J. Dhole on Nanoscience and Nanotechnology was organized on 21/11/2017. He gave general introduction of the topic Nanoscience and Nanotechnology. Synthesis of nanomaterials by various techniques was discussed in length by him. Difference between Nanoscience and Nanotechnology, applications in general and in particular on nanomedicine, hyperthermia, dielectric resonator, industrial applications etc were discussed by him. The talk was attended by a large number of audience that included BSc and MSc students.

The whole program was coordinated by the Head of the Department Dr. K. G. Rewatkar and Dr (Mrs) Aarti N. Wazalwar.

#### 6) Class Seminars

Class seminar for the students of B. Sc. I, II & III was organized by the Department of Physics in the month of September in the respective classes which the teachers took. The topics for seminar were based on the syllabus of their respective courses prescribed by RTM Nagpur University, Nagpur. Some of the students presented their talk in the form of power-point presentation, while few preferred the chalk and board method. The activity boosted the confidence of the students during their presentation. Also they got benefited with the thorough preparation of the topic, enhancing the knowledge. It is an annual activity which the Department conducts regularly. Dr K.G. Rewatkar, Dr (Mrs) Aarti N. Wazalwar and Dr N.S. Meshram coordinated the activity in their respective classes.

#### 7) Emerging trend in Cybersecurity

Department of Physics, Dr. Ambedkar College had organized an invited talk on "Emerging trend in Cybersecurity" by Mr. Sujit Christy on 30th December 2017 in the Seminar Room no. 1 at 10:00 am. Dr. K. G. Rewatkar welcomed the speaker and Priti Surkar gave introduction about speaker Mr. Sujit Christy. The speaker of the programme Mr. Sujit Christy, Director at Layers-7 Seguro Consultoria Private Limited guided students on cybersecurity. He guided the students for the safe internet usage, mobile app, network just to name a few. He highlighted that students can apply for the various courses on cybersecurity. He also gave information about various scholarship and fellowship for student and how to apply for it. Mrs. Priti Surkar conducted the proceedings and Dr. K.G. Rewatkar proposed vote of



## DEPARTMENT OF CHEMISTRY

### International Collaboration

#### International Collaboration with Department of Chemistry, National Chung Hsing University, Taiwan R.O.C.

In order to create higher education opportunities at global platform, the Department of Chemistry has signed its first International MoU. The Department of Chemistry, Dr. Ambedkar College, Deekshabhoomi, Nagpur has signed MoU with Department of Chemistry, National Chung Hsing University, Taiwan R.O.C. The MoU was finalized on date 7th April 2017 for a period of five years. The main objective of this agreement is to develop academic and educational co-operation, establish a collaborative program between the two institutions and to co-operate in their mutual interest for a range of higher educational activities.

Subject to the availability of resources and approval of the authorized representatives, both institutions agreed to develop the following collaborative activities:

1. Exchange of graduate, post graduate and research students with the objective of enrolling students in courses appropriate to their areas of study and appropriate academic years.
2. Exchange of books, scientific publications, study programs, academic projects, course information, seminars, conferences and any other data and information of common interest.
3. Providing opportunities for professors and researchers to give lectures in areas mutually agreed upon by both institutes through prior invitation and in accordance

with the procedures and expectations established by each institution and specific department.

Dr. Shun-Yuan Luo, the Coordinator from Department of Chemistry, National Chung Hsing University, Taichung 40227, Taiwan R. O. C. and Dr. Ratnadeep Sawant, Coordinator from Department of Chemistry, Dr. Ambedkar College, Deekshabhoomi, Nagpur will develop and coordinate specific programs or activities between the departments. Under this international collaboration, M. Sc. students Mr Sarvesh Pande and Mr Mayur Thul have been selected by Department of Chemistry, National Chung Hsing University, Taiwan R.O.C. for pursuing Ph.D. course in Organic Chemistry from the academic year 2017-18.

Dr Deepa Panhekar and Dr Ratnadeep Sawant took efforts towards the International Collaboration

#### Chemical society for the session 2017-2018

Head, Department of Chemistry, Dr Mrs D Y Panhekar instituted Chemical society for the session 2017-2018 on 12/08/2017. Chemical society comprised of the following members : Mr chetan mishra , President, Mr Amit Pantavne, Vice President, Mr Sanket Banpurkar, Secretary, Ms Punam Fulzele , Treasurer and Members Ms Priya Mishhra, Mr Vinayak Joshi, Mr Sarang Khandalkar, Ms Amrata Hadap and Mr Shivam Patel

#### Orientation programme for M.Sc. Sem-I

Orientation programme for M.Sc. Sem I was organized in 2016 on 22/08/2017. Dr D Y Panhekar, Head of the Department introduced the faculty members to the students, information about syllabus, practicals, seminars, presentations, projects, time table, probable



period of university examination, classes for NET/SET/GATE examination, Core library, equipments and other facilities etc was provided to the students. Details of activities conducted by the department for students overall development such as Chemical Society, guest lectures, quiz / poster/ seminar competitions, industry, educational visits, soft skill development programme, Chemistry Alumni Association, alumni student interaction, certificate courses etc. was explained to students. All the students introduced themselves during the programme

#### Alumni student- interaction

Alumni student interaction was organized for UG students on 22/03/2017. Mr. Alhad Acharya, batch 2011-2012, M Sc in Molecular Medicine (experimental medicine), University of Sheffield, United Kingdom interacted with the students. Introduction of alumni and purpose of

programme was given by Head, Dr Mrs D Y Panhekar. Mr. Alhad Acharya guided students on career opportunities abroad and shared his experiences. Vote of thanks was given by B.Sc student Ms. Sheetal Thakur. The alumni-student interaction was organized by Dr D Y Panhekar, Head, Department of Chemistry.

#### Chemistry Alumni Association

In the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world, the concept of Chemistry Alumni Association was evolved. Alumni association of Department of Chemistry, Dr Ambedkar college was formed on 8th July 2017. The association was named as Chemistry Alumni Association. The installation programme took place in presence of Dr Deepa Panhekar (Head, Department of Chemistry, and

#### Executive Committee of the Chemistry Alumni Association

S.N.	Names	Designation	Occupation
1	Dr. Chetankumar Masram	President	Principal, S. N. Mor College, Tumsar.
2	Mr. Kartik Renalson	Vice President	Scientist, Dr Reddy's Laboratory, Hyderabad
3	Ms. Aperna Deodhe	Secretary	Director, Dreamplus Academy, Nagpur.
4	Dr. Shridhar Satpute	Joint Secretary	Lab Assistant, DACN
5	Mr. Pravin Deharkar	Treasurer	Pursuing Ph. D in DACN.
6	Mr. Ganesh Satpute	Member	Head, Department of Chemistry Shri Munghate College, Kurkheda.
7	Mr. Ashish Kawle	Member	Assistant Professor, S. S. J. College, Arjuni / Morgaon, Dist, Gondia
8	Mr. Ganesh Mahale	Member	General Manager IFCA LAB MUMBAI
9	Mr. Muneshwar Nandeshwar	Member	M.Sc IIT Hyderabad
10	Mr. Nitesh Punyapreddiwar	Member	Head, Department of Chemistry, G. M College, Kurkheda, Gadchiroli.
11	Mr. Naresh Bansol	Member	Pursuing Ph. D. in VNIT, Nagpur
12	Ms. Swapna Patil	Member	Teaching faculty, DACN



Coordinator of the Alumni Committee), teaching, non teaching staff members and enthusiastic former students of the department.

Ms Aparna Deodhe, Secretary of Chemistry Alumni Association informed the gathering about the mission and objectives of the association.

Dr Chetan Masram, President of the Chemistry Alumni Association in his address offered his whole hearted support to the overall development of the department.

Earlier, Dr Deepa Panhekar welcomed the members and gave information about the progress made by Department of Chemistry in areas such as research, publications, facilities, collaborations, students activities etc. Dr Deepa Panhekar extended best complements for the purpose and introduced the members of the association.

Vote of thanks was proposed by Dr Ratnnadeep Sawant.

#### **"Orientation Towards IIT JAM Examination"**

Chemistry Alumni Association of the Department organised the orientation programme, on "Orientation Towards IIT JAM Examination" on 13/07/2017. Alumni Mr. Muneshwar G. Nandeshwar M.Sc. Chemistry, IIT Hyderabad, gave presentation to B Sc students. Mr. Nandeshwar was welcomed by Dr. Ratnnadeep Sawant.

Mr. Muneshwar Nandeshwar started his lecture with the introduction to IIT JAM examination. He explained the pattern of the examination in detail and also gave information about different IITs, NITs and IISER institutions offering M.Sc. and Ph.D as a dual degree programme. He further introduced IIT JAM syllabus to students and provided valuable

information of related topics in detail. He motivated students to prepare for IIT JAM and explained about the strategies required to crack the examination. He told the students to have positive attitude towards examination and told them to study hard. He also elaborated about how to solve question paper of IIT JAM and gave list of reference books to study for MSc. IIT JAM. At the end of the lecture he showed motivational videos. Dr. Deepa Panhekar introduced Mr Muneshwar G. Nandeshwar, Dr Deepa Panhekar Coordinated the programme. Miss Madhura Bondre B Sc sem V. proposed vote of thanks.

#### **Educational Visit to National Environmental Engineering Research Institute (CSIR-NEERI)**

EDUCATIONAL visit for PG students to NEERI was organized on 3rd August 2017. Students were given information about various research activities inside NEERI and collaboration with other institutes via a short documentary film. Were taken to departments like waste and hazardous material recycling department, purification of water section and air pollution control room. Dr Chanachal Agarwal, Dr Ratnnadeep Sawant and Mr Parag Panse accompanied the students. 35 students were part of the visit. Dr Deepa Panhekar organized the visit.

#### **Participation in Workshop**

M Sc Chemistry students attended workshop on "Fundamental chemistry and its use in Advanced Research" organized by Royal Society of Chemistry, Western India Section in association with PG and Research Department of Chemistry, Hislop College, Nagpur and IGNOU regional centre, Nagpur on 29th July 2017 at Hislop College, Nagpur





#### Poster presentation at International Conference

M Sc semester IV student Mr Rajesh Beigamwar presented poster on "Dendritic Fibrous Nano Silica Supported hold Nanoparticles (OF NS/Au) as an Artificial Enzymes" at the 4th International Conference on Nanoscience and Nanotechnology (ICONN 2017) SRM University, Chennai : 09-11 August 2017. He was guided by Dr Ratnadeep Sawant.

#### Aptitude Test:

- Conducted aptitude test and evaluated the test papers for B.Sc-I students on 29/08/2017. Objective type questionnaire was designed based on 11th and 12th standard syllabus of chemistry. Aptitude Test results were divided in to five categories as Excellent, Good, Average and Poor.

#### Awareness programme on

##### "Soil Testing & its importance in Agriculture"

Department of Chemistry, Dr. Ambedkar College, Deekshabhoomi, Nagpur organised one day awareness programme on "Soil testing and its importance in agriculture" at Kotewada village, Tal. Hingna, Dist. Nagpur on dated 22/01/2018.

Dr. V. M. Ilorkar, Head, Department of Agroforestry, Agriculture College, Nagpur was chief guest. He spoke on the soil health and importance of the agro forestry to enhance income source of farmers and improvement of soil quality.

Dr. Mrs. Padmaja Kausadikar, Associate Professor and Soil Scientist, Agriculture College, Nagpur was key note speaker. She explained the importance of soil testing and its need in agriculture. In her speech, she stressed on judicious use of pesticides and fertilizers by the

farmers without doing any soil testing. This causes bad effect on soil health and soil fertility. These excessive pesticides and fertilizers enter directly in our body in the form of food. To avoid this, required quantity of chemical fertilizers, minimum pesticide and use of organic/ bio fertilizer should be implemented in agriculture process.

Guests also spoke on importance of soil testing. In soil testing, generally chemical properties, like, N, P, K, carbonate, bicarbonate, organic matter, micronutrients, pH, salinity etc. are very important. After determination of these parameters one can decide exact quantity of fertilizers and pesticides to particular crops. This will avoid excessive use of pesticides and fertilizers. Farmers and students asked their queries regarding implementation of organic fertilizers in the soil and also asked the amount and types of fertilizers for different crops and soil.

During this awareness programme, Mr. Ravindra Ashtankar, Sarpanch, Mr. Shabbir Shaikh, Deputy Sarpanch, and large number of farmers of Kotewada village were present. B. Sc chemistry students and NSS students of the college also participated in the programme.

Dr. V. M. Shivankar has made an introductory remark on awareness programme. Dr. Mrs. Bonikar was introduced the guest. Prof. N. G. Telikapalliwar proposed the vote of thanks. Mr. Manoj Nerlwar, Laboratory Assistant helped in making the arrangement of this program

#### Industry visit

Department of Chemistry organised one day Industrial/ Educational visit to MANAS Agro Industry Infrastructure Ltd. At-Bela, Taluka-Hingna, Distt.-Nagpur on dated 02nd February 2018 for B.Sc. Chemistry students.



Batch of 47 students visited to all four units of the Industry.

**Firstly, students visited to Sugar Plant.**

Detail Guidance has received from Plant operator. Raw material i.e. Sugar Cane requires for this plant. After extracting juice from raw material, chemical process is carried out. Then by application of  $\text{CaCO}_3$ , molasses is separate out from the industry. Sulphur is used for decolourisation of Sugar so that white crystal Sugar is obtained. Whole Plant is worked on pressure technique.

**Second visit was arranged to Power Plant**

of the same Industry. This worked on raw materials of previous Sugar plant. Very small pieces of sugar waste used and then burnt, that produces high temperature flame. This is used to produce Steam in Turbine. Turbine generates Electricity. This electricity supplied to MSEB Department. High temperature Steam then condensed by using larger water condenser and this water again utilize in the power plant.

**Third visit is then arranged at Ethanol manufacturing unit,** which is the side product of sugar industry. Waste of sugar plant i.e. molasses was use for the preparation of ethanol. Molasses contain large quantity of remaining sugar, which is used in the ethanol preparation. It is first fermented in large unit dom, then by distillation process Ethanol is prepared.

After ethanol preparation, waste generated from molasses is then again used in the methane gas production and organic manure. This waste material fermented in large dom and methane gas generated which is used in again in the power plant.

**Fourth visit was arranged at Dry ice plant.**

Large quantity of  $\text{CO}_2$  collected from outlet of the sugar plant and then used for the preparation dry ice. Due to this, it minimise the environmental pollution of  $\text{CO}_2$ . Dry ice is collected in the liquid form under pressure & low temperature. It becomes white solid at room temperature. It is used as refrigerant and preventing bacterial growth during shipment.

Dr. V. M. Shivankar, Prof. N. G. Telkapalliwar, Dr. Mrs. D. M. Borikar, & Mr. Manoj Neralwar faculty members, arranged Industrial visit along with 47 B.Sc. student of the chemistry Department at MANAS Agro Industry and Infrastructure Ltd, Bela, Nagpur.

**Soft skill development program**

Under the Soft Skill Development Programme of the Chemistry Department, a lecture on "Memory Techniques and Stress Management" was organized on 17/03/2018. Resource person was Dr. D. P. Gogle, Associate Professor, Department of Botany, R.T.M.Nagpur University, Nagpur.

Dr. D. P. Gogle explained in detail the two regions of brain i.e., Amygdala and Hippocampus which are mainly involved in forming new memory. Details like how memory is stored in neuron synapses, difference between short term memory and long term memory, details of diet which should be followed by students in order to keep their memory power strong were provided.

After elaborating the complete details of memory techniques for students, he further discussed on stress management. Stress management is highly significant for the students since the current scenario suggest that students are undergoing through immense amount of stress. In the present highly competitive life, many



students are failing to cope up with the situation. However, there is urgent need for students to provide stress management training. He explained how Hippocampus starts to deactivate under stress which in turn makes students do some unnecessary things. He gave few examples of how people are managing stress through various activities. He also explained that, we require special kinds of proteins such as dopamine, glutamate and serotonin to maintain stress free life. He also explained students how they can help others who are having suicidal tendencies. Finally, he gave further information on how to control stress during study and exams. Students should follow the proper management of study on regular basis to avoid stress during exams.

During his last session he elaborated the importance of law of imagination and law of association. These both laws are significant to memorize the concept. He conducted few interactive activities with students to explain the concept. 40 post graduate students attended this programme. Mr. Chetan Mishra, Member, Chemical Society introduced the guest. In the end, vote of thanks was proposed by Dr Ratnnadeep Sawant and memento was presented by Dr. Deepa Panhekar. The programme was organized by Asst. Prof. Dr Ratnnadeep Sawant.

#### **Participation of PG students in National Seminar on Heterocyclic Chemistry**

13 post graduate students have participated in National Seminar on "Heterocyclic Chemistry" organized by Post Graduate Teaching Department of Chemistry, RTM Nagpur University. Two students namely Ms Ashwini Kale, Ms Samiksha Ambulkar have presented poster in the National Seminar. Students were guided by Dr Chanchal Agarwal and Dr Ratnnadeep Sawant.

#### **Poster Making Competition on Water Conservation**

Intraclass Poster making competition was organised for the students of B Sc I, II, III year of the college on the topic Water Conservation to make the students aware of the judicious use of water in view of the possible water scarcity in the future and the steps to be taken to conserve it. Prize winners from I year were Somesh Diwate, Sakshi Sharma, Shrutika Mate, Suruchi Gavpande, Ankita Sahare, Hitisha murodia, shivani Naidu, Caroline George, Yashshvi Rao. Winners from second year Himani, Priyanka Nagpure, Durgeshwari Bisen, Nidhi Sahu, Megha bele, Vinayak Joshi, Pranay Galkwad, Anju Telang, Angha Juare, Megha Bele, winner from final year was Radhika Funde, Mudita Hivrale, Heena Bal. The students were motivated and guided by Dr Mrs Dhanashri Borikar, Prof N G Telkapalliwar and Dr VM Shivankar.

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## DEPARTMENT OF ELECTRONICS

### Aptitude Test

At the Time of admissions the students were tested for their interest and aptitude test was conducted on 27th July 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. The Dept of Electronics recommended to the students name Yayati Khadgi & Mohini Jodh, had scored highest marks and for their self enhancement of this season. They were encourage with the basics books and asked to get their doubts cleared by consulting the faculty members anytime considering the below average performance of some students, the faculty members of the Dept of Electronics are teaching the subject simple way and the fundamental concepts are in details.

### Unit Tests & Home Assignments

The Department of Electronics conducted two unit tests before university semester examinations as well as paper wise. B.Sc semester V & VI students also provided the home assignments e.g. topics of the syllabus collected from the internet and submitted to the Department and prepaid the flex charts of various given topics.

### General Knowledge Test

The Department of Electronics conducted General knowledge test in the month of August, September & October 2017 for the B.Sc. Sem-I, Sem-III & Sem-V for the internal marks of the winter university Examination 2017. All the students participated and were successful the students scored good marks in the Examination

### Electronics Quiz Competition

The Electronics Society celebrated collegiate events on the occasion of National

Science Day on 28th Feb 2018 for the B.Sc. Sem-II, Sem-IV & Sem-VI for the internal marks of the summer university Examination 2018. All the students participated and scored good marks in the Examination. Prizes won by Plyush Mendhe student of B.Sc sem-VI and Shreya Mankar student of B.Sc. sem-IV in the Electronics Quiz.

### MPSC, UPSC & JAM Workshop:

The Department of Electronics had organized workshop on a competitive examination of UPSC, MPSC and Banking Sector on behalf of premier academic for administrative services on 29th Jan 2018 for the BSc final year students.

### Fresher's Day Programme

Fresher's Day Programme was organized on 19th August 2017 by the Department of Electronics. Prof. V. S. Pawar presided over the functions. Program started by the floral welcome of the Staff and freshers was performed by Plyush Mendhe, Radhika Kayande & Sayali Dakhole & all the students of B.Sc. Sem-V (Final Year).

Program was conducted to have interaction in between the juniors & seniors so that juniors can ask for any help regarding the studies and other activities from their seniors. All the students of the Department participated in the program. Program was started by the warm welcome of Prof. V. S. Pawar and Dr. N. V. Shiwalkar. Prof. V. S. Pawar guided the students about various activities carried out by the Department, gave information about the techniques for studies & told about different job opportunities that students can choose. Many events like Mr. & Miss Freshers, singing competition and also various games were played. Individual representation had been seen.



Program was ended with a vote of thanks given by Ku. Shreya Mankar, student of B.Sc. Sem-III. Everyone had a smiley face because event was a great success.

#### **Students attending the fresher's day programme**

Prof. V. S. Pawar guiding to the students in a fresher's day programme

#### **One day Workshop**

A workshop on "Animations & VFX" was organized by the Department of Electronics on 26th August 2017. Principal P. C. Pawar presided over the function. Chief Guest of the program was Mr. Sagar Gede & Vaibhav Karmarkar along with Miss. Pooja Puwankar.

Prof. V. S. Pawar gave a floral, welcome with a bouquet to the principal. Prof. N. V. Shiwarkar florally welcomed the Chief Guest Mr. Sagar Gede, A Pre-production Artist in the Reliance Education and also has 11 year experience in animations. Piyush Mendhe, a student of B.Sc. Sem-V welcomed Mr. Vaibhav Karmarkar as a guest of honour who is working as a Visual Effect Faculty and has 7 year experience. Ku. Sayali Dakhole welcomed Pooja Puwankar.

Principal P. C. Pawar morally boosted students to get interacted with various technical fields of modern Science. Prof. V. S. Pawar introduced the Chief Guest of the program and gave relevant information about them. Mr. Sagar Gede delivered his topic on Pre-production of Animation superbly. He explained the students about various processes occurring in the productions of animations with the help of projector he gave information about the various parameters included in the field of animation.

Mr. Vaibhav Karmarkar delivered his speech on VFX in the workshop. He showed various video slide shows in the form of 2D & 3D

effects which gave thorough information about the different applications used in Cinemas & Studios. Ku. Shreya Mankar, student of B.Sc. Sem-III anchored the program splendidly. All the students were present & enjoyed the workshop. Ku. Sayali Dakhole gave vote of thanks and concluded the program.

Prof. V. S. Pawar floral welcoming to the principal, Ku. Shreya Mankar preceding the Dr. P. C. Pawar

#### **Workshop programme**

Students attending the workshop programme Dr. N. V. Shiwarkar floral welcoming to the Mr. Sagar Gede (Chief guest)

#### **Achievements of the Students**

The students of Electronics ku.Mitali Niyogi and ku. Surabhi Wadodkar participated in the CET test of IBPS DTE also Ku. Sayali Dakhole, Ku. Radhika Kayande, Akash Marathe and Pranjal Shahare participated in JAM conducted by IIT. Pranjal Shahare cleared the examination for the admission of PG. Prof. V.S.Pawar Head Department of Electronics congratulates them for their successful career.

#### **Guest Lecture**

The Electrolitz Society of Department of Electronics DACN was formally inaugurated by Dr. Anil Khobragade, Head Department of Electronics from the S KP College, Kamptee on 18th August-2017 at 2-00 pm in the Auditorium Hall. Prof. V.S. Pawar, Head Dept. Of Electronics presided over the function and welcomed Dr. Anil Khobragade with a floral bouquet. Prof. N. V. Shivarkar introduced the guest lecturer Dr. Anil Khobragade as an authority in the subject. He is eminent thinker and social activist He has published so many papers in the Electronic field and gave brief suggestions to the student.



Dr. Anil Khobragade was giving a lecture on "Digital system and its application" organized by department of Electronics. He explained informative knowledge about the basic electronics. The electronics branch is related with every field of science.

Mangesh Khobragade, a student of B.Sc.II Electronics conducted the proceedings while Ku. Shreya Mankar proposed a formal vote of thanks.

#### Student's Seminar

The Department of Electronics conducted student seminar of B.Sc Sem-IV & VI and on 30 Jan 2018 in their classroom. The student spoke on various topics related to their subject in presence of the teaching staff and students.

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

1. Ku. Mitali Niyogi student of B.Sc Sem-VI spoke on LCD interfacing with 8051 $\mu$ c.
2. Ku. Pitambari Karande student of B.Sc Sem-VI spoke on The While Loop Statement in C.
3. Ku. Radhika Kayande student of B.Sc Sem-VI explained how to print pyramid in C.
4. Piyush R. Mendhe a student of B.Sc Sem-VI block diagram of 8051 microcontroller.
5. Ku Shreya Mankar a student of B.Sc Sem-IV spoke on Phase shift oscillator.

Shreya Mankar explained her topic Phase Piyush Mendhe explained the block Shift Oscillator diagram of  $\mu$ c.

Ku. Pitambari Karande explained The While Ku. Mitali Niyogi gave explanations of LCD Loop Statement interfacing with 8051

Ku. Radhika Kayande explained pyramid structures in C.

#### Unit Tests & Home Assignments

The Department of Electronics conducted two unit tests before university semester examinations as well as paper wise. B.Sc semester V & VI students also provided the home assignments e.g. topics of the syllabus collected from the internet and submitted to the Department and prepaid the flex charts of various given topics.

#### Allocation of projects to B.Sc Sem-IV & V 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 Electronical 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 will decided the students give guidance about collection of Electronics material from the market and designing the circuit with help of various Electronics techniques. The following project had designed by the group of students successfully from 11th Feb to 4th March 2018.

1. Amplitude Modulation designed by Piyush R. Mendhe
2. Monostable multivibrator designed by Mayuri M. Senad
3. Dual Power Supply designed by Ku. Shreya Mankar & Pooja Mishra.
4. LM-35 Transfer characteristic designed by Ku. Rudali Patil, Ku. Samiksha Lakhote.
5. 5Volt Power Supply designed by Ku. Pooja N. Hagone & Pooja Mishra and so on....
6. Study of characteristics of LDR designed by Mangesh Khobragade



Prof. V.S. Pawar demonstrating Students of B.Sc. Sem-IV designing their Application of CRO Projects.

Akash Marathe checking out the results Shubham Jaiswal performing the project in C programming in C Language

Piyush Mendhe performing Amplitude Mangeskhobragade designing LDR Modulations

#### **One Week Technical Workshop**

A training program for the Non-teaching staff and students was held in the month of February 2018; they were trained in designing different experimental boards, projects, fault finding in the circuit and computer literacy program.

#### **Electro Quest 2018**

The staff & the students of Department of Electronics had attended the inter-collegiate quiz competition Electro-Quest 2018 organized by J.B. College of Science, Wardha on 24th Feb 2018. Students cleared the entrance examinations for the Quiz and acquired the desk

#### **Traditional Day**

A Traditional Day program was organized by the Department of Electronics, Dr. Ambedkar College, Nagpur. The program was held on 24th March 2018, Friday in the college Auditorium at 11:00 am to 03:00 pm. Dr. P C Pawar, Principal of the college presided over the function. The program started by the floral welcome of teachers which was performed by Piyush Mendhe, Ku. Sayali Dakhole, Ku. Piu Karande and all the students of B.Sc. Electronics.

The Program was conducted to perform various activities like Dance, Games. 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 to the students that more efforts are required to conduct a program, just like a leadership quality is necessary also the time management is required. It was a team work not a single person did this. The success in life keep in mind the three 'C's one is confidence second is commitment and third is communication. This was a traditional day program to develop their knowledge and future career.

Now it was time for the events to take place. Many events like Singing & Dancing. The program was ended Vote Of Thanks Ku. Vaishnavi Deo and Sayali Dakhole after that teachers and students had their refreshment.

#### **Farewell Programme**

The Department of Electronics conducted farewell programme on 27th March 2018 for the B. Sc. Sem -VI. The students gave their views about the department. The department of Electronics is good and excellent. Theory portion of the syllabus and the experiments were performed regularly during the academic year. No. of the students goes for the further higher education and some of searching jobs.

Prof. V. S. Pawar and students at farewell programme.

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## DEPARTMENT OF ZOOLOGY

### Study Tour August 12, 2017

BSc semester 5 and 3 students along with Dr R S Bagade and Dr A A Meshram visited to Pench Fishery Center for the know-how of the Chinese hatchery practice and the sex reversal trends in the composite fish culture. The demonstrators Dr Tomar and Dr Tiwari who enlightened our student were the incharge of the center.

### Bridge Certificate Course - August 23-29, 2017

Department of Zoology along with the department of Statistics has organized a 6-day certificate course bridging the students of zoology and statistics. Students are made aware of the statistics role in biological sciences to arrive to a more conclusive and accurate inference of explanation of the biological information collected and categorized in a very systematic manner.

### December 2017- General knowledge test

In the month of Oct, Nov and December 2017 and Feb 2018; General knowledge test has conducted for BSc sem- I students to upgrade their knowledge in life sciences.

### Jan 20, 2018 - Interdisciplinary visit

All students of BSc Zoology and Biochemistry of the college visited the Expo at Raman centre and planetarium Nagpur on 20th January 2018. Students learned much more innovations in the different fields of science. Dr. B. P. Urade Anthropologist survey of India Seminar hill Nagpur delivered a guest lecture on "Sickle cell anaemia" on that occasion.

### January, 2018 - Unit test

The last week of the month has unit test dates for all BSc semesters students. Staff conduct

their own tests as per their respective syllabus they teach.

### Feb 15, 2018 - Guest lecture

A guest lecture has organized on "Future career guidance and Personality development" for the college students. Dr. Surwade ex. principal of MJM College Mumbai delivered the lecture on future career guidance and Dr. Barun Roy ex. assistant professor VNIT Nagpur given the guidance on personality development.

### Feb 16, 2018 - Guest lecture

A guest lecture has organized on "DNA Sequencing". Dr. Suresh Masram associate professor PGT department RTM Nagpur University Nagpur has delivered the innovative lecture on DNA Sequencing. He welcome the office bearer body of the department.

1. President - Nayan Shende BSc Sem VI
2. Secretary - Rachana Sharma BSc Sem IV
3. Member - Trishal Kolhe BSc Sem VI
4. Member - Shruti Bankar BSc Sem II
5. Member - Himanshu Shakhare BSc Sem II
6. Member - BSc Sem IV

### February, 2018 - Unit test

The last week of the month has unit test dates for all BSc semesters students. Staff conduct their own tests as per their respective syllabus they teach.

### March 09, 2018 - Preventive Genetic Diagnostic Center Visit

Zoology department students of BSc Sem IV & VI visited the preventive genetic diagnostic center Nagpur. Dr. Shivkumar Chauhan Director demonstrated the modern instrumentation in genetic diagnostic and enlightened them with





practical knowhow of genetic anomalies and related aspect

#### March 24, 2018 - Guest lecture

A guest lecture has organised on "Molecular Biology Technique & Bioinformatics" in the department on 24th March. The chief guest Dr. Milind Shinkhede associate professor Sindhu college Nagpur delivered the lecture and enlighten them research techniques & bioinformatics.

#### Students Achievement

All India Radio (Government of India) Nagpur invited the Zoology students for recording their talks on "How utilize the summer vacations". This program has broadcasted by all India radio station Nagpur on 15th March 2018 at 5.30pm throughout India. It was encourasive program and very use full to all Indian students.

1. Anagha Juare BSc Sem II
2. Abhay Shambharkar BSc Sem II
3. Sakshi Bankar BSc Sem I
4. Nayan Shende BSc Sem VI
5. Amie P. Madekar student of BSc Sem VI has published her article "Nutrition and Occupational Diseases" in the sovuneer page no 103.

#### Staff Achievement

All India Radio (Government of India) Nagpur invited the Dr. R S. Bagade associate professor zoology department for recording their talks in career mantra on "Career Opportunities in Zoology". This program will be broadcast by all India radio station Nagpur on 17th April 2018 at 5.30pm throughout India.

#### Research paper in journals

1. Dr. DVNS Suresh published his research paper on "Odonate diversity at Bhivapur

mahavidyalaya campus, Bhivapur, India" in Hislopia Journal Vol. (1\2) June & December 2016 pg, 91-95.

#### Subject Examination Committee

Dr. DVNS Suresh was one of the member of subject examination committee RTM Nagpur University Nagpur for the moderation of question-papers of winter 2017/summer 2018.

#### Participation in conferences

1. Dr. DVNS Suresh participated in national seminar on "Modern Perspective in Life Sciences" (MPLS-2018) on 9th & 10th March, 2018 at Gramgeeta College Chimur Dist. Chandrapur (M. S.).
2. Dr. DVNS Suresh has participated in national seminar on "Natural Heritage and Biodiversity" held on 17th 18th January, 2018 under the University Grant Commission, New Delhi sponsored Heritage Status to College in Hislop college Nagpur.
3. Dr. R.S. Bagade has participated in national seminar on "Natural Heritage and Biodiversity" held on 17th 18th January, 2018 under the University Grant Commission, New Delhi sponsored Heritage Status to College in Hislop college Nagpur.

#### Invited talk

Dr. DVNS Suresh has delivered a guest lecture on "Immunology:Antigen-A Antibody Interaction" in the subject zoology at Sindhu Mahavidyalaya Nagpur for degree college students on 20th March 2018.

#### Membership

Dr. R S. Bagade is the member of The Indian Science Congress Association Kolkata-700017, INDIA.



**Refresher course**

Dr. DVNS Suresh assistant professor attended the refresher course in Biology (Life Science) (Zoology) from 08th November to 28th November, 2018 at Human Resource Development Centre RTM Nagpur University Nagpur.

**University work**

**Answer sheet valuation/ moderation**

1. Dr. R S. Bagade has worked answer sheet valuation and moderation of BSc Semester I, II, III & V in winter 2017.
2. Dr. R S. Bagade has worked answer sheet valuation and moderation of BSc Semester III & V in summer 2018.
3. Dr. DVNS Suresh has worked answer sheet valuation and moderation of BSc Semester II, III, IV & VI in winter 2017.
4. Dr. DVNS Suresh has worked answer sheet valuation and moderation of BSc Semester III in summer 2018.

**Paper setter**

Dr. DVNS Suresh has worked as a paper setter for BSc Semester-V zoology examination of winter 2017 & summer 2018 at RTM Nagpur university Nagpur.

**Internal examiner**

1. Dr. R S. Bagade has worked as internal examiner of BSc Sem-II zoology practical examination, winter-2017.
2. Dr. Dr. DVNS Suresh has worked as internal examiner of BSc Sem-IV zoology practical examination, winter-2017.
3. Dr. Archana A. Meshram has worked as internal examiner of BSc Sem-IV zoology practical examination, winter-2017.

**External examiner**

1. Dr. R S. Bagade worked as an external examiner in zoology practical examination winter -2017of BSc Sem V on 20th December 2017 at Santaji mahavidyalaya Nagpur.
2. Dr. R S. Bagade worked as an external examiner in zoology practical examination winter -2017of BSc Sem I on 22nd December 2017 at Marotrao Pantawane mahavidyalaya Kandri-Kanhan Dist. Nagpur.
3. Dr. R S. Bagade worked as an external examiner in zoology practical examination winter -2017of BSc Sem V on 02nd January 2018 at Pankaj P. Tijare Mahavidyalaya Veltur Tah. Kuhi Dist. Nagpur.
4. Dr. R S. Bagade worked as an external examiner in zoology practical examination winter -2017of BSc Sem I on 4th & 5th January 2018 at Tai Golwarkar Mahavidyalaya Ramtek Dist. Nagpur.
5. Dr. DVNS Suresh worked as an external examiner in zoology practical examination winter -2017of BSc Sem V on 30th December 2017 at DRB Sindhu Mahavidyalaya Nagpur Nagpur.
6. Dr. DVNS Suresh worked as an external examiner in zoology practical examination winter -2017of BSc Sem I on 1st to 3rd January 2018 at DRB Sindhu Mahavidyalaya Nagpur Nagpur.

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## DEPARTMENT OF LAW

### 1. ALUMNI MEET 2017: 22nd July 2017

An alumni meet was organized by Department of Law on 22nd July 2017. Near about 60 Law alumni gathered for this Meet. The purpose for this Meet was to chalk out a plan for the Alumni event, which the Alumni very meticulously conducts every year, under the able guidance of Alumni coordinator, Dr. H.V. Menon. Dr. H.V. Menon heartily welcomed all the Alumni in their alma mater. All the Faculties of Department of Law were present during this Meet.

In this meeting, it was decided that this year the alumni event will be in the form of Intercollegiate Turncoat Competition to be held on 12th August 2017. Accordingly, the various committees were formed and the alumni shouldered their respective responsibilities.

Apart from this, the Faculties of Department updated the Law Alumni regarding the ongoing events in the Department of Law. Dr. Varsha Deshpande informed them about the new venture undertaken by Department of Law in the form of "Con- quest Exemplar of the Year". Dr. Sandhya Kalamdhad informed the alumni about the various certificate courses conducted by the Department and also explained the relevance of such interdisciplinary courses for their career prospective. Dr. PratimaLokhande updated them with the ongoing Legal aid activities in the college and motivated them to be a part of Legal aid cell and fulfill their social responsibilities as a lawyer.

### 2. INTERCOLLEGIATE TURNCOAT COMPETITION: 12th August, 2017

Every year Alumni of Department of Law, come up with their generous contributions for their alma mater in one or the other form. On 12th August, 2017 the Law Alumni had organized an Intercollegiate Turncoat competition. The topic for the Competition was "Mental Age- The only appropriate determinant to establish guilt of a juvenile in a criminal trial".

About 15 participants from different Law colleges of the city, such as Maharashtra National Law University, Nagpur, G.H. Raisoni College of Law, Dr. BabasahebAmbedkar College of Law, Main Branch as well as City Branch had actively participated in the event. A slot of 6 minutes was allotted to each participant, where they had to speak for and against the motion for 3-3 minutes.

The jury team comprised of Adv. Rahul Dhande and Adv. Suyog Deshpande both practicing at Bombay High Court, Nagpur Bench, ably judged the competition. The event was graced by Dr. A.P. Joshi, Vice Principal, Dr. Ambedkar College, Deekshabhoomi, Nagpur, Dr. N.M. Khirale, Head of Department of Law, Dr. H.V. Menon, Dr. Varsha Deshpande, Dr. Sandhya Kalamdhad, Dr. PratimaLokhande, Prominent Alumni of the Department and other Faculty members.

The event was full of enthusiasm where the participants passionately put their views on the topic. Adv. Rahul Dhande, one of the jury also laid emphasis on the topic and explained the different aspects which needed attention.

1st prize, a cash prize of Rs. 2500/- was won by Ms. Aditi Tripathi, a student from Maharashtra National Law University, Nagpur and 2nd Prize, a cash prize of Rs. 1500/- was bagged by Ms. Prachi Agrawal, Dr. BabasahebAmbedkar College of Law, Main Branch. The event was conducted by Mrs. Vaishali A. Sukhdeve, Faculty as well as alumnus of the Department of Law.

### 3. 'CONQUEST EXEMPLAR' OF THE YEAR

This competition, based on Constitutional Law, is an idea conceived by the teachers of the Department of Law, with a view to instilling an enduring love for Constitutional Law amongst the students and for encouraging them to keep their quest for perpetual learning alive. It is for the very first time that an event like this has been organized in the Department.



This competition will include year long series of different events/ competitions based on Constitutional Law ranging from solving written objective question papers, to writing essays and research papers, making oral presentations, judgment analysis with critical appraisals, group discussions, quiz competitions etc. The evaluation of students will become more and more stringent with every successive round to make the event really competitive for the students. This competition will follow the system of eliminations after the third round and the best amongst them will be pushed to the next rounds. On the basis of their cumulative scores, the best student will be selected who will win the coveted title of "CON-QUEST EXEMPLAR OF THE YEAR 2017" along with a cash prize of ₹ 5000/-.

Interested students were first asked to enroll for the competition and the entry was only through enrolment. A total of 44 students enrolled for it. So far two rounds of competition have been held. The first elimination will start after the first three rounds, on the basis of their cumulative score of all the three rounds taken together.

The first round was a written question paper with multiple choice questions. There were 50 questions with 50 minutes given to the students to solve it. This opening round was held on and had the enthusiastic participation of the contestants. The second round was also a written round but this time questions were without any choices, unlike the former multiple choice questions. This paper has 50 questions with 30 minutes allotted to the students for solving it. This was held on 11th August 2017. The third round which is scheduled on 6th Sept will have two parts- the first is a crossword puzzle and the other will have all case law based questions.

There are 3 pilot faculties of this ambitious project: Dr. Mrs Varsha Deshpande, Ms. Saylee Surjuse & Mrs. Vaishali Sukhdeve.

#### 4. CERTIFICATE COURSE IN, "FORENSIC SCIENCE & CRIMINAL JUSTICE SYSTEM" : 5th August- 16th August

Department of Law and Department of Biochemistry, of Dr. Ambedkar College, Deekshabhoomi, had organised a twelve days Certificate Course in "Forensic Science and Criminal Justice System" from 5th August- 16th August. The course got overwhelming response. The participants who were interested in this course were near about 120. But due to limited number of seats only 76 participants were allowed on first come first serve basis.

The erudite resource persons invited to deliver lectures on different topics for this course included the forensic experts, Professors, Medical practitioners and lawyers. It included the team of 11 resource persons which were Dr. S.L. Deshpande, Dr. Makrand Vyavhare, Dr. Mukherjee, Mrs. Bhoomi Mehere, Dr. Manoj Bhandarkar, Mrs. Hansi Bansal, Dr. Ashish Badiye, Mrs. Neeti Kapoor, Adv. Mahendra Limaye, Prof. Pradeep Hirapure and Adv. Chetan Dhore.

#### Day 1- 05/08/2016: Inaugural Ceremony

The Certificate Course had been inaugurated on 05th August 2017 at the auspicious hands of Adv. Firdos Mirza, a renowned criminal lawyer practicing in Bombay High court, Nagpur Bench. It commenced by garlanding and lightening the traditional lamp before the portrait of Tathagat Bhagwan Gautam Buddha and Dr. Babasaheb Ambedkar. Dr. N.M. Khirale, Head of the Department of Law, gave a Welcome Speech and welcomed the Guests with a floral bouquet and shared his views on the certificate course.

Adv. Firdos Mirza, in his inaugural speech, emphasized that how Forensic science and Criminal Justice System is complementary to each other. He also questioned that what would happen to the trial, if charge sheet is filed without Forensic Science report. He further emphasized that change in criminal law is required for the



better utilization of Forensic Science in criminal investigation.

Dr. Sandhya Kalamdhad, Course Co-ordinator, introduced the whole module of the Course to the participants and focused on the various career options available to the participants as Forensic Scientists and Forensic attorneys. She emphatically pointed out as why scientists and lawyers must come together in partnership to ensure a product that is fit for the criminal justice. The proceedings were conducted by Ms. Janvee Kulkarni, student of the Department of Law and Vote of Thanks was proposed by Ms. Shazia Bari, faculty of the college. Dr. A.P. Joshi, Vice Principal of the college, Dr. N.M. Khirale, Head of the Department of Law, Mrs. B.A.Mehere, Head of the Department of Biochemistry, Dr. Arun Joseph, Registrar, all these were prominently present on the occasion.

Soon after the inaugural ceremony the first session was commenced. The resource person was Mrs. Bhoomi Mehere, Head of the Department of Biochemistry, Dr. Ambedkar College, Deeksha Bhoomi, Nagpur. The topic of her presentation was "Introduction to historical development of Forensic Science". She laid emphasis on the historical background ranging from the incident of Cong Ci, to Marsh Test. She further described the importance of Ballistics as well.

**Day 02- 06/08/17** : The speaker for this session was Dr. ManojBhandarkar, Assistant Director, Regional Forensic Science Laboratory, Nagpur. The topic which he covered was "Growth of Forensic Science Laboratories and their utilization in Criminal Justice System in India". He discussed and laid emphasis on the importance of various departments of Forensics like Forensic Physics Department, Forensic Biology Department, Forensic Chemistry Department and Forensic Ballistics Department. He further elaborated on these different departments are helpful for judiciary in arriving at a proper conclusion.

**Day 03- 07/08/17** : The resource person who gave

her consent for this day's lecture was Mrs. Hansi Bansal, An Assistant Professor from Department of Forensic Science Institute, Nagpur. The topic which she discussed was "An introduction to examination of questioned documents".

**Day 04- 08/08/17** : On this day two sessions were there. First session was taken by Dr. Ashish Badiye, Head of Department, Department of Forensic Science, Institute of Forensic Science, Nagpur. His topic for lecture was "The importance and value of scene of occurrence for administration of Criminal Justice System".

Second session was presided by our next speaker, Mrs. Neeti Kapoor, Assistant Professor, Department of Forensic Science, Institute of Forensic Science, Nagpur. She delivered a lecture on the topic "Human identification and fingerprint in criminal investigation – A Review".

**Day 05- 09/08/17** : Dr. Manoj Bhandarkar, Assistant Director, Regional Forensic Science Laboratory, Nagpur, was again invited to deliver a lecture on the topic "The role and importance of Forensic evidence in criminal trials with special reference to sec. 293 of the Cr.P.C."

**Day 06-10/08/2017** : The eminent medical Professional, Dr. Makarand Vyawahare, Head of Department & Professor, Indira Gandhi Medical College, Nagpur was invited to share his experience in the Medical field with the participants. The topic on which he laid emphasis was "Forensic Medicine: An effective tool for proving guilt or innocence".

#### 5. GUEST LECTURE ON GOODS & SERVICES TAX : 29th July 2017

On 29TH July 2017, a guest lecture on Goods And Services Tax was organized for the students of all the groups of LL.M. CBCS pattern of the academic session 2017-18 in the Seminar Room of the Department at 10:00 am by the LL.M Faculty, Law Department, Dr. Ambedkar College, Deekshabhoomi, Nagpur. The lecturer was delivered by Mr. KunalBudhraj, an associate at Budhraj & Company.



The session began at 10:10 AM after seeking the blessings of Lord Gautam Buddha and Dr. Babasaheb Ambedkar. It was followed by the introductory address by the Head of the Department, Dr. N. M. Khirale welcoming the guest. The LL.M. student Ms. Darshana Mohota conducted the session.

Mr. Budhrajia through his lecture enlightened the students about the necessity of this new law which replaced the old tax system in India and brought a single taxing regime for the entire country. He also explained the idea of the government for taking this bold step by elucidating the necessity felt by the State to bring this reform in the light of changing economic scene and the government's promise to reduce tax frauds and curbing the influx of black money within the country. The complexities of the previous tax laws and the simplicity of the new law was also contrasted. The students contributed by asking loads of questions and my getting their doubts solved regarding this newly enacted law and thereby acquiring an insight on the same. The entire Guest Lecture was given with the help of power-point presentation.

The lecture was organized and coordinated by Ms. Aditee A. Godbole, Ms. Sayalee Surjuse and Ms. Shazia Bari under the guidance & supervision of the Dr. N. M. Khirale, HOD. Vote of thanks was proposed by Ms. KalyaniBuche.

#### 6. GUEST LECTURE ON RERA: 12th August 2017

On 12th August 2017, a Guest Lecture on Real Estate (Regulation & Development) Act, 2016 was organised for the students of all the groups of LL.M. in the Seminar Room of the Department at 10:00 am by the LL.M Faculty, Law Department, Dr. Ambedkar College, Deekshabhoomi, Nagpur.

The session began at 10.15 am after seeking the blessings of Lord Gautam Buddha and Dr. Babasaheb Ambedkar. Mr. Parikshit Loya, an Associate of the renowned Loya & Bagri firm of

Nagpur was invited as the Guest Speaker. The program was compared by Ms. Darshana Mohota, LL.M. 3rd semester student while Ms. Subodhini Zanke, a student of 3rd semester welcomed the guest with a floral bouquet. It was followed by the introductory address by the Head of the Department, Dr. N. M. Khirale.

The guest speaker threw light on the importance of the legislation which happens to be the only law on the till now un-organised sector of real estate. Mr. Loya explained the students about the scheme of the Act in detail. He talked about the modes of registration with the RERA authorities of the upcoming and the on-going projects. He also explained the penalty feature incorporated in the legislation along with the authorities in the RERA Act which looks after the implementation of the provisions of the legislation. He delivered the guest lecture with the help of power-point presentation.

Vote of thanks was proposed by Ms. KalyaniBuche, a LL.M. 1st semester student. The lecture was organized and coordinated by Ms. Aditee A. Godbole, Ms. Sayalee Surjuse and Ms. Shazia Bari under the guidance & supervision of the Dr. N. M. Khirale, HOD.

#### 7. GROUP DISCUSSION ON, "TRIPLE TALAQ IN THE LIGHT OF SHAYARA BANO VS. UNION OF INDIA": 9th Sep. 2017

The Law Department (LL.M.), Dr. Ambedkar College, Deekshabhoomi, Nagpur had taken an initiative to organize a group discussion on the topic "Triple Talaq in the Light of Shayara Bano Vs. Union of India" on 9th September, 2017 at 9:00 am in the Department. India is a home to world's third largest Muslim population. However, the pathetic plight of a Muslim woman can be witnessed from the fact that she has to face a constant threat of sudden, oral and out of Court divorce. This prompted the organizers to choose "TRIPLE TALAQ" as a topic for the group discussion.

The panel for discussion consisted of 8



students from LL.M 1st and 3rd semester. The participants tried to critically analyze the judgment given by the Hon'ble Supreme Court in ShayaraBanoVs. Union Of India. During the discussion, various aspects of triple talaq were discussed by the participants including the place of nefarious custom like triple talaq in a democratic State like India where gender equality is given utmost recognition even in the Constitution of India. The participants also gave insight into the legal intricacies involved in the said decision that whether triple talaq is a part of essential practice of Islam religion and the propriety of the judiciary interfering into religious matter of Muslim community despite the fact that India is a secular Country where freedom of religion is guaranteed by way of a fundamental right. The group discussion was concluded with a concern towards the enactment of Uniform Civil Code without undermining the secular ethos of our Country.

All the participants were assertive and put forth their thought provoking views on the aforementioned topic. The group discussion was conducted by one of the LL.M. faculty members Ms. Shazia Bari. Other faculty members Ms. SayaleeSurjuse and Ms. Aditee Godbole took conscientious efforts in organizing the group discussion.

**8. TEACHERS DAY CELEBRATION :  
5th September 2017**

Students of LL.B. 5yc & 3 Yc. Celebrated Teachers day and really made this day memorable for all teachers. Different kind of games and cultural programme was organised for the teachers of the department. All teachers and non-teaching staff was warmly welcomed and felicitated by the students.

**9. GUEST LECTURE ON FOREIGN  
EDUCATION : 7th Feb. 2018**

The Law Department of Dr. Ambedkar College, Deekshabhoomi, Nagpurorganised a Guest Lecture on 7th February 2018 at 12:15 pm

on the Topic –'Foreign Education in Law' in the seminar room of the Department. Mr. ArpitAjmera, Branch Manager, IDP Education, India Pvt. Ltd. was the guest speaker for the day. The guest speaker was welcomed with a floral bouquet by a student of the LL.B. final semester.

Mr. Arpit Ajmera started with pointing out the importance of post graduation in the field of Law. He informed the students about the different avenues available to them in various countries. He provided a good insight on the unconventional courses offered by the various Foreign Universities to Law Graduates which could provide good future employment prospects. He demonstrated with the help of power point presentation as to how the complete process from selection of the Course to selection of University to the completion of VISA process is taken care of by IDP Education India Pvt. Ltd. After the completion of his lecture, Sir dealt with the questions from the audience with great zeal and enthusiasm and answered them to their satisfaction. The guest lecture was coordinated by Dr. Mrs. Hema Menon and Ms. Sayalee Surjuse.

**10. DEBATE COMPETITION : 12th Feb. 2018**

Debate competition was organised on a very contemporary topic, "One man, One Woman or More", for the students of LL.B. 2nd& 4th Sem. Of 5yc and 3 yc. 10 teams participated in the competition. Adv. VivekAwchat and Adv. RekhaBarhate ably judged the competition. Ms. Kajal Gupta won the first prize and runner up was Mast. Pushkar Deshpande, both students of 4th Sem. 5yc. Dr. Sandhya Kalamdhad organized the competition.

**11. GUEST LECTURE BY  
ADV. RAJESH THOMAS : 13th Jan. 2018**

Adv. Rajesh Thomas, Barrister & Solicitor, Newzeland Law Society, NEWZELAND, delivered a lecture on the topic, "International Law and Immigration",organised by department of law, Dr. Ambedkar College, DeekshaBhoomi, Nagpur for the UG & PG students of Law. He compared the



legal system of two countries and elucidated the subject and answered the questions by students. Enthusiastically students interacted with the speaker. Programme was conducted by Mrs. VaishaliSukhdeve and co-ordinated by Dr. Mrs. Sandhya Kalamdhad.

**12. WORKSHOP ON MOOT COURT SKILLS :  
6th Feb. 2018**

The workshop was held on 6th Feb, 2018 at 2pm for the students of law to introduce them with the mooting skills so that they can participate in different moot competition at across the nation. Adv. Chetan Dhore ably guided the students on Court ethics, how to conduct research, how to cite cases, ratio decedendi, case study etc. he also informed the students about prestigious moots conducted at various levels. Programme was conducted under the banner of SMCA and co-ordinated by Dr. Varsha Deshpande and Dr. Sandhya Kalamdhad.

**13. CONQUEST EXEMPLAR 2017-2018**

1. The Event I was held on 29th July 2017 which was a Multi choice Question paper of 100 marks without negative marking. Total 44 participants participated from different classes.
2. The Event II was held on 11th August 2017 which was a Multi choice Question paper of 100 marks with negative marking. Total 44 participants participated from different classes.
3. The Event III was held on 7th September 2017 which was a Crossword round of 100 marks with negative marking. Total 44 participants participated from different classes.

After three events elimination started. On the basis of cumulative scores of three events Top 20 participants were pushed ahead in next round.

4. The Event IV was submission of research paper on the topic of Right to Privacy and its various sub themes. The last date for

paper submission was 11th December.

5. The Event V was held on 13th January 2018 which was a Research paper presentation round, in which total 13 students presented their paper. The topic was Right to Privacy and its various sub themes The examiners to judge this event were Adv. RenukaSirpurkar and Adv. ShradhanandBhutada.
6. The Event VI was held on 10th February 2018 which was a Judgement analysis round, in which total 09 students participated which were shortlisted on the basis of their previous rounds cumulative scores. The examiners to judge this event were Adv. PritiRane and Adv. RiteshTahallyani. The case given for analysis was ABCvs. State 2015 SCC 609.
7. The Final round of the event was a Constitutional quiz which was held on 20th February 2018 in the College auditorium. The top 4 finalist were selected on the basis of cumulative scores of all events. The quiz was conducted by Dr. Varsha Deshpande. The Conquest Exemplar 2017-2018 was won by Ms. Priyanka Bodhankar, a cash prize of Rs. 5000/- which was sponsored by Dr. Varsha Deshpande. The prize were given at the valedictory function of law-Vision 2018 at the hands of J. Mrs. Naik, High Court, Nagpur.

**14. FREE LEGAL AID AND  
LITERACY PROGRAMM**

Free Legal Aid camp and Literacy programme was organized by Legal Aid cell of Department of Law on the occasion of Dhammachakra Pravartan to provide free legal aid to thousands of people who come to Deekshabhoomi on Dusshera on 29th, 30th September and 1st October 2017. The programme was inaugurated by Hon'ble Shri Justice Rohit Deo who was the chief guest at the





event. The other dignitaries on the dais were Shri. N. R. Sute, member of Param Poojya Dr. Babasaheb Ambedkar Smarak Samiti , Principal Dr. P. C. Pawar and Dr. N.M. Khirale , H.O.D. of Law. In his address Hon'ble Shri. Justice RohitDeo highlighted the importance of legal aid and motivated the students to take part in social causes.

During the camp under the supervision of faculty members Mr. Rahul Dhole, Mrs. VaishaliSukhdeve, and Mrs. ShilpaRathod and Miss Shazia Bari, students of Department of law explained the charts displaying various legal rights to the people and also distributed the booklet containing information about different Government Schemes. The programme was conducted by Mr. SachinTripathi. Vote of thanks was given by Dr. PratimaLokhande.

#### 15. Law Vision - 2018

Law Vision is a highly sought after premiere law festival that is organized by the Department of Law every year. The Department has been hosting this event for the last 11 years and this was the twelfth consecutive year of this mega law festival. Law Vision 2018 was hosted by the Department from 22nd Feb to 25th February this year and it received an overwhelming response. In all 14 teams from all across the country, including from far-flung places like Andaman participated in this academic extravaganza and all the teams gave a tough fight at various challenging competitions at Law Vision. This year events like Moot Court competition, Client Counselling competition, Case-Study, Legal Drafting, Essay Competition and Personality Contest were a part of Law Vision – each one testing the requisite skills necessary for emerging as successful professionals. The corridors of the Law Department were all set to host this grand event, decorated as they were with beautiful rangolis and several charts and other displays made by our own talented students.

This year, Law Vision was inaugurated in a glittering Inaugural ceremony on Thursday, the 22nd of February at 6 pm in the College Hall. The Inauguration ceremony got under-way in the presence of towering legal personalities. Justice B P Dharmadhikari, the Senior Administrative Judge of the Nagpur Bench of the Bombay High Court was the Chief Guest of the Ceremony and the Hon'ble Vice Chancellor of the Maharashtra National Law University was the Guest of Honour. Also Hon'ble Mr Mohan Piers, the Former Chief Justice of Sri Lanka graced the occasion as a Special Guest. The motivational speeches of all these legal luminaries set the tone and marked a wonderful beginning of this Law Festival!

The second day of the event i.e. 23rd of February began with the Client Counselling competition for all the participating teams. This Competition is organized with a view to train the future lawyers in the art of receiving instructions from the client and the kind of interaction that a lawyer must have with the client in order to muster his confidence. It also seeks to test the professional ethics of these would-be lawyers and their understanding about the duty that lawyers owe to their clients and to the court. This competition was ably judged by AdvSuyog Deshpande and Adv Ashwini Shukul. The event was co-ordinated by MsSayaleeSurjuse, Ms Aditee Godbole and MsShazia Bari.

Soon after this, a Legal Drafting competition was also organized for the teams, wherein, the teams were asked to draft some important legal documents like Notice, Plaint, Affidavit, Sale-Deed etc. The teams were adjudged on the basis of their compliance to formal rules of drafting as well as the content and comprehensiveness of the draft. Drafting skills are at the very heart of the lawyers profession and hence this competition was organized with a view to hone their drafting skills. The event was co-ordinated by DrPratimaLokhande and Ms. ShilpaRathod and judged by Adv Chetan Dhore from the High Court.



After this, the second half of the day was marked by the conduct of the Preliminary Rounds of the Moot Court competition. The students were required to prepare the given case, draft memorials and argue the matter like it is done in the Court of Law. The Moot Court event requires a student to master all skills of a lawyer like studying and appreciating the case, framing of issues, researching the case law, drafting the memorials and actually arguing the matter. This was a tough competition indeed and in the Preliminary round, the teams were required to argue from both sides. There were 7 court rooms created for this event and the following lawyers from the Nagpur High Court did a fine job of grilling the teams on different issues relating to the case. The able judges were: Adv. Akshay Naik, Adv Saurabh Chaudhary, Adv. Tajwar Khan, Adv. Deoul Pathak, Adv. Trupti Udeshi, Adv. Akshay Sudame, Adv. Richa Tiwari, Adv. Prasad Abhyankar, Adv. Ritesh Tahaliyani, Adv Rohan Joshi, Adv. Preeti Rane, Adv. Ritesh Badhe, Adv Rahul Dhande and Adv. Ranjit Bhuibhar. The second day of Law Vision ended with testing and grilling rounds of the Preliminary rounds of the Moot Court competition. All rounds of the Moot Court Competition were co-ordinated by DrVarsha Deshpande, Ms Aditee Godbole and MrSachin Tripathi.

The third day of Law Vision i.e. 24th February, Saturday, began with an eloquent lecture by one of the finest legal brains in the country, Adv Prashant Bhushan , who was invited from the Supreme Court of India. This Guest Lecture became the headline of this Law festival and drew a huge crowd of listeners from the entire legal fraternity in Nagpur and also others unconnected with the profession. He delivered an erudite address on a topic of contemporary significance, namely, "Judicial Accountability and Judicial Reforms". In a jam-packed auditorium, this guest lecture sought to bring some fresh thinking on the young minds about the urgent need for making the judiciary accountable. The lecture was followed by an open – house session

in which the students and participants got an opportunity to interact with the guest speaker and ask him certain questions. The Guest lecture was given a wide and extensive coverage by the media.

This day, that began on such a wonderful note, kept that spirit going through the Case-Study competition in which the teams were given one case, namely Shreya Singal vs Union of India and the students were expected to critically appraise the judgment. This competition enhances their insight and ability to appreciate the law. This competition was ably judged by Adv. Nahush Khubalkar, Adv. Vivek Awachat and Adv. Mahendra Limaye. The Case- Study competition was co-ordinated by Dr Sandhya Kalamdhad, Ms. Vaishali Sukhdeve and Ms. Shilpa Rathod. This was followed by a Semi-final round of the Moot Court competition. 4 teams from the Preliminary Rounds, on a two-win basis were pushed into the Semi-final round. The level of this evaluation at this round was tougher still and the teams were judged by Adv. Uday Dastane and Adv. Shreerang Bhandarkar – both very senior Lawyers practicing in the Nagpur High Court. With such tough and testing competitions, ended the third day of Law Vision.

The final day of this law fest began in the morning with the Final round of the Moot court competition. 2 teams from the Semi-final round were pushed into the final round. This final round of the Moot Court competition was indeed a very prestigious one. It was judged by two esteemed judges of the Nagpur Bench of the Bombay High Court Hon'ble Mr Justice V M Deshpande and Hon'ble Mr Justice Rohit B Deo. The auditorium was jam packed with students who had keenly come to see this final round. The end of this Final round of the Moot Court event navigated us to the Personality Contest which was yet another much enjoyed event at Law Vision. The students were subjected to different rounds and eliminations were done in each round. But all the rounds were carefully crafted so as not to lose our essential



legal touch. Out of a total of 15 students, Mr Personality and Ms Personality were declared. This competition was also enjoyed by the audience present in large numbers and was judged by Adv Wilson Mathew and Ms. Ketki Kane Salankar, who also happens to be the alumnus of our Department. The Personality Contest was co-ordinated by Dr. Mrs. Hema Menon and Ms. Saylee Surjuse.

The essay competition at Law Vision 2018 required an online submission of the essays on the topic "New Horizons of the Concept of Human Dignity". All Essays were subjected to an anti-plagiarism check. They were evaluated by Prof Dr. Shirish Deshpande, Former Head of PGTD Law, RTM Nagpur University. This competition was co-ordinated by Ms. Shazia Bari, Mr Rahul Dhole and Mr. Sachin Tripathi

After the Personality Contest, it was time to conclude this fun-and-learning packed Law festival. Hon'ble Smt Justice Vasanti Naik from the Nagpur Bench of the Bombay High Court was the Chief Guest at the Valedictory Session of Law Vision 2018. Her motivational speech to the students was widely appreciated. The prizes of all the events were distributed in the Awards ceremony at the Valedictory session. Attractive cash prizes were given away for all the winners and runner-up at all events.

With this wonderful valedictory session, we drawn the curtains on this academic extravaganza of the Department of Law - "Law Vision 2018"!

#### 16. SONEGAON POLICE STATION VISIT

A visit to Sonegaon Police Station was arranged by Legal aid cell of Department of law, Dr. Ambedkar College, Deekshabhoomi Nagpur for the students of Final Year LLB X Sem 5 YC and VI sem 3 YC on **19th March, 2018**. The objective of this visit is to make students aware about the functioning of Police Station and the role of police in the society. A.P. Taksande, P.I of Sonegaon Police station made the students understand the procedural aspects in much practical way. The

discussion with Police Inspector and other officials help the students understand all the procedural aspects related to Police station. This visit was organized by Coordinator of Legal Aid cell, Dr. PratimaLokhande and Mrs. ShilpaRathod.

#### 17. VISIT TO MEDIATION CLINIC OF DISTRICT LEGAL SERVICES AUTHORITY, DISTRICT COURT, NAGPUR

Legal Aid Cell of Department of Law, of Dr. Ambedkar College, Deekshabhoomi, Nagpur, organized one day visit for final year students of LLB X Sem 5Y.C. and LLB VI sem 3 Y.C. to Mediation Clinic of District Legal Services Authority, District Court, Nagpur on 20th March 2018. At the Mediation clinic student were addressed by Mr. Chandan Jadhav. He explained the students about the Mediation Clinic Scheme. He had also given the detailed information about the procedure of appointment of mediators and filing of application in the matters of family disputes, domestic violence, bailable and compoundable offences. This visit aimed at bringing social sensitivity among the budding lawyers who will have an important role to play in the amicable settlement of the disputes. This initiative was supervised by Dr. Pratima Lokhande, Co-ordinator of Legal Aid cell and Mrs. Shilpa Rathod, Assistant Professor.

#### 18. VISIT TO LEGAL AID CELL OF DISTRICT LEGAL SERVICES AUTHORITY, DISTRICT COURT, NAGPUR

Legal Aid Cell of Department of Law, of Dr. Ambedkar College, Deekshabhoomi, Nagpur, organized one day visit for final year students of LLB X Sem 5Y.C. and LLB VI sem 3 Y.C. to Legal Aid Cell of District Legal Services Authority, District Court, Nagpur on 20th March 2018. This visit was organized to make students aware about the working of Legal Aid Cell and the concept of Free Legal Aid. The students were addressed by Mr. Selwatkar and Mr. ChandanJadhav. The students were also informed about the Legal Services Authorities Act, 1987 and various other procedural, legal and social aspects. This visit was



organized under the supervision of Dr. PratimaLokhande, Coordinator of Legal Aid cell and Mrs. ShilpaRathod, Assistant Professor. Advocate GajananAgrawal was also present during the visit.

#### 19. CULTURAL PROGRAMME

Cultural programme was organized by Department of Law of Dr. Ambedkar College, Deekshabhoomi Nagpur at College auditorium on 28th February 2018. The events of day long programme included dance, skit, instrumental music and singing. It was an event where law students portrayed their talent. Final year students of Law department took the initiative and organized this cultural event with great enthusiasm. The faculty and students of Department of Law attended the cultural programme. It was filled with fun and fancy and was enjoyed by all. Assistant professor, Dr. PratimaLokhande along with Mrs. ShilpaRathod supervised the cultural programme.

#### 20. CENTRAL JAIL VISIT

Legal Aid Cell of Department of Law, of Dr. Ambedkar College, Deekshabhoomi, Nagpur, organized Central Jail, Nagpur visit for the final year students of LLB X Sem 5Y.C., and LLB VI sem 3 Y.C. on 22nd March, 2018. Dr. PratimaLokhande, Coordinator of Legal Aid Cell organized the said visit and about 80 students were taken for the central jail visit. The purpose of the Central jail visit was to make the inmates aware about the working and the management of the prison system. The superintendent police officer briefed the students about the daily activities of inmates. All female students were taken to the women prison and all the male students were taken to the male prison. Thereafter superintendent police officer cleared the queries and doubts raised by the students in the question answer session. This visit changed the perspective of the students about the jail and information given by the police officer helped the students in understanding the jail organization and its functioning.

#### 21. CELEBRATION OF REPUBLIC DAY

The 69th Republic day of India was celebrated with great patriotic fervor at Dr. Ambedkar College, Deekshabhoomi, Nagpur on 26th January 2018. The ceremony started with the unfurling of the National flag. This was accompanied by the rendition of National anthem. The students of Department of Law sang the patriotic song which aroused the feeling of brotherhood amongst all.

#### 22. AWARENESS PROGRAMME ON, "HUMAN TRAFFICKING AND COMMERCIAL SEXUAL EXPLOITATION SCHEME, 2015"

District Legal services Authority (DLSA) conducted awareness programme on "Human Trafficking and Commercial Sexual Exploitation Scheme, 2015", on 23rd March 2018 at Judges Auditorium 8th floor, District court Nagpur. About 20 member students of Legal Aid Cell of Department of Law along with Dr. Pratima Lokhande attended the awareness programme. The primary objective of the programme was to spread awareness about the scheme. This programme started with the introductory speech given by Mr. A.K. Sharma, Secretary of D.L.S.A. He explained the primary objective of the scheme. Hon'ble Principal Judge Shri. Dongre explained, "The Manodhairya Yojana (Scheme)". He emphasized that it provides immediate relief to victims within 15 days of an FIR being registered. This is to ensure that victims get instant financial assistance along with other systems of support. The students were benefitted by this awareness programme a lot.

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## DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

A summer coaching camp was organized by the department of Physical Education & Dr.Ambedkar College Sport Academy in the month of April, May & June Coaching for different games like Cricket, Hockey, Table Tennis, Lawn Tennis, Aerobics & Yoga, Weightlifting, Powerlifting, Body Building, A thletic, Archery, Chess, Jumba was imparted to the students. In all four hundred students from various school and colleges participated in the coaching camp. The camp was inaugurated on a 14th April 2017 at the hands of Dr. A P Joshi (Vice Principal Dr. Ambedkar college Dikshabhoomi Nagpur).

The summer coaching camp was successfully organized by the department and the concluding function was held 15 of June 2017. The prizes of the various games were distributed to the players in the presence of Dr. Sudhir S. Fulzalesahib (Director Dr. Ambedkar Institutes Of Management And Studies), Shri Vilas Gajghate (Member of smarak samiti, Dr. P. C. Pawar (Principal Dr. Ambedkar college Dikshabhoomi Nagpur), Vice-Principal Dr. A. P. Joshi, Dr. P. A. Bhelwa, Dr. D. S. Borkar and others.

- Dr. Ambedkar College Department Physical Education and Ambedkar College Academy inaugurated sports rehab Centre.
- Dr. Ambedkar College Department Physical Education and Sports, NCC and NSS jointly organize international Yoga Day, in presence of principle Dr P C Pawar, Dr A P Joshi (Vice Principle) Dr D S Borkar (Coordinator of this program).
- Dr. Ambedkar College Department Physical Education and Sports and Dr. Ambedkar College Sports Academy

organize the huge program of yoga day in presence of Mayor Nanda Jichkar in this program conducted by Dr A P Joshi And Dr D S Borkar propose the vote of thanks.

- Dr. Ambedkar College Department physical education and sports celebrated national sports day to mark the birth anniversary of hockey wizard Major Dhyanchand on 29th August 2017.
- In the year of 2017-2018 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, Gymnastic, tak of war, wood ball, Hand ball, etc.
- Dr. Ambedkar college clinched the inter college Table Tennis zone final tournament 2017 since Last Five Yrs Dr. Ambedkar College Department of Physical Education & Sport Won the Title continuously. This tournament was organized by Department of Physical Education and sports of RTM Nagpur university.
- Dr. Ambedkar College girls clinched the inter college Table Tennis tournament 2016. This Tournament was organized by RTMNU Nagpur.
- Dr. Ambedkar college clinched in 3rd place in the inter college Volley ball tournament. This tournament was organized by department of physical education and RTM Nagpur University.



- Dr.Ambedkar college clinched the inter college cricket tournament 2017. This tournament was organized by V.N.I.T Crick Mania Festival.
- Dr.Ambedkar College girls team clinched Volley Ball tournament 2017. This Tournament was organized by Puanjabrao Deshmukh Krida Mahotsav D.N.C. Nagpur.
- Dr.Ambedkar College clinched the Inter college Cricket tournament 2017. This Tournament was organized by V.N.I.T Crick Mania Festival
- Dr.Ambedkar college men's as above clinched the basketball team for J. C. engineering and technologies inter collegiate tournament 2017.
- Dr. Ambedkar college Men's clinched the Inter College Basketball tournament and stood at third place. This Tournament was organized by R.T.M.N.U. Tournament 2016.
- Dr. Ambedkar college Women's clinched the Inter College Basketball tournament and stood at third place. This Tournament was organized by R.T.M.N.U. Tournament 2016.
- Dr. Ambedkar college men's clinched the Inter College Basketball tournament 2016. This Tournament was organized by Nagpur District Basketball Association.
- Dr. Ambedkar college men's Basketball team won the Inter College Basketball tournament 2017 organized by Ramdeo Baba college of engineering Nagpur.
- Dr. Ambedkar college men's clinched the Inter College Volleyball tournament 2017. This Tournament was organized by Datta Meghe Institute of Business Management & Study Nagpur.
- Dr. Ambedkar college men's clinched the Inter College Volleyball tournament 2016

and the Title. This Tournament was organized by Tirpude College of Business Management & Research Nagpur.

- Dr.Ambedkar college men's clinched the Inter College Volleyball tournament 2016 and won The Zone Final. This Tournament was organized by R.T.M.N.U. Tournament 2017.
- Dr. Ambedkar college men's participate the Inter College Football tournament 2016 and Won the Quarter Final. This Tournament was organized by Stephen Hislop tournament 2017.
- Dr. Ambedkar college men's clinched the Inter College Football tournament 2017 and at the 3rd place. This Tournament was organized by Big Ben Club Nagpur 2016.
- Dr. Ambedkar College girls team clinched Volley Ball tournament 2017. This Tournament was organized by Puanjabrao Deshmukh Krida Mahotsav D.N.C. Nagpur.
- Dr. Ambedkar College girls team clinched Volley Ball tournament 2017. This Tournament was organized by R.T.M Nagpur University
- Dr. Ambedkar College girls team clinched Table Tennis tournament 2017. This Tournament was organized by Ramdeo Baba College of Engineering Nagpur.
- Dr. Ambedkar College girls team clinched Table Tennis tournament 2017. This Tournament was organized by R.T.M Nagpur University.

#### ORGANIZED TOURNAMENT AND OTHER EVENTS

- Dr.Ambedkar college Department of Physical Education, and sports and Dr.Ambedkar college Sports Academy, jointly organized for three week Certificate course on Basic Fitness Knowledge of Gymnasium, Dr. A. P. Joshi



Vice-Principal of The College was the convener of the workshop and Dr D. S. Borkar coordinator of this workshop.

- Dr. Ambedkar college Department of Physical Education, and sports and Dr. Ambedkar college Sports Academy, jointly organized for one week Certificate course on Suryanamaskar and Meditation 2017, Dr. A. P. Joshi Vice-Principal of The College was the convener of the workshop and Dr D. S. Borkar coordinator of this workshop.
- Dr. Ambedkar college Department of Physical Education, and sports and Dr. Ambedkar college Sports Academy, jointly organized for workshop on Yoga, Dr. A. P. Joshi Vice-Principal of The College was the convener of the workshop and Dr P.A Bhelwa coordinator of this workshop.
- Dr. Ambedkar college Department of Physical Education, and sports and Dr. Ambedkar college Sports Academy, jointly organized for Two Weeks Training Schedule To Gain Muscle (Body Building), Dr. A. P. Joshi Vice-Principal of The College was the convener of the workshop and Dr D.S. Borkar coordinator of this workshop.
- Dr. Ambedkar college Department of Physical Education, and sports and Dr. Ambedkar college Sports Academy, jointly organized for workshop on Powerlifting Techniques, Dr. A. P. Joshi Vice-Principal of The College was the convener of the workshop and Dr D.S. Borkar coordinator of this workshop.
- Dr. Ambedkar college Department physical education and sports Academy Nagpur organized Archery Tournament under the auspicious of Nagpur district Archery association.
- Dr. Ambedkar college Department physical education and sports Academy

Nagpur organized Open Ranking Table Tennis under the auspicious of Nagpur district table tennis association.

- Dr. Ambedkar college Department physical education and sports Academy and V.C.A organized inter club cricket tournament.
- Dr. Ambedkar college Department physical education and sports and Dr. Ambedkar college sports Academy organized Dr. Ambedkar premier league cricket tournament.
- Dr. Ambedkar college Department physical education and sports Academy Nagpur organized UCN Inter Club Cricket tournament 2017.
- Dr. Ambedkar college Department physical education and sports Academy Nagpur organized SJAN (Sports Journalist association Nagpur) Inter Press Cricket tournament 2017.
- Dr. Ambedkar college Department physical education and sports Academy Nagpur organized Ankit Menon memorial tournament 2017-18 (Table Tennis, Cricket, Football).
- Dr. Ambedkar college Department physical education and sports Academy Nagpur organized Dr. R. Krishna Kumar memorial Sport Festival 2017-18.

#### **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.
- Mr. Abhishek Kawle represented R.T.M. Nagpur university in the west zone inter university Cricket tournament.



- Mr. Atharva Manohar represented R.T.M. Nagpur university in the west zone inter university Cricket tournament.
- Mr. Gaurav Dhoble represented R.T.M. Nagpur university in the west zone inter university Cricket tournament.
- Mr. Mahesh Sandokar represented R.T.M. Nagpur university in the west zone inter university Cricket tournament (standby).
- Mr. Rajat L. Pawar represented R.T.M. Nagpur university in the west zone inter university Basketball tournament.
- Mr. Rishab Choudhari represented R.T.M. Nagpur university in the ashwmedh inter university Basketball tournament.
- Pranaywabhitar Student represented R.T.M. Nagpur University in the west zone inter university Volleyball tournament.
- Rahul Potraje Student represented R.T.M. Nagpur University in the west zone inter university Volleyball tournament.
- Pranaywabhitar Student represented R.T.M. Nagpur University in the ashwmedh inter university Volleyball tournament.
- Vishal Sanghani Student represented R.T.M. Nagpur University in the west zone inter university hockey tournament.
- Mr. Nabil Khan represented R.T.M. Nagpur university in the west zone inter university table tennis tournament.
- Mr. Ajinkya Garge represented R.T.M. Nagpur university in the west zone inter university Chess tournament.
- Mr. Bhavtik Nangave represented R.T.M. Nagpur University in the west zone inter university Athletic meet in poll vault tournament.
- Mr. HarishDhoble won medal in R.T.M. Nagpur university Athletic meet in discuss through and shot put throw
- Bhageshree Dharmik Student represented R.T.M. Nagpur University in the west zone inter university Volleyball tournament.
- Kalyani Meshram Student represented R.T.M. Nagpur University in the west zone inter university Volleyball tournament.
- Vaishnavi Totade Student represented R.T.M. Nagpur University in the west zone inter university Volleyball tournament.
- Aditi Patel Student represented R.T.M. Nagpur University in the west zone inter university Chess tournament.
- Prajakta Pullarwar Student represented R.T.M. Nagpur University in the west zone inter university Pistol Shooting tournament.
- Tanvi Badki Student represented R.T.M. Nagpur University in the west zone inter university Hockey tournament.
- Aishwariya Kumbhare Student represented R.T.M. Nagpur University in the west zone inter university Hockey tournament.
- Ruchita Panbude Student represented R.T.M. Nagpur University in the west zone inter university Table Tennis tournament.
- Aishwariya Harkare Student represented R.T.M. Nagpur University in the west zone inter university Table Tennis tournament.

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## DEPARTMENT OF STATISTICS

**NATIONAL STATISTICS DAY:- (29th June, 2017)**

The birth day of Dr. P. C. Mahalanobis which has been declared as National Statistics Day by Government of India was celebrated in Department of Statistics on 29th June, 2017. Head of the department Mr.R.V.Patil lighted the traditional lamp to mark the beginning of the function. Ms.A.M.Badar garlanded the portrait of Dr. P. C. Mahalanobis. Prof. R. V. Patil apprised the students about the life history of Dr. P. C. Mahalanobis. He also shared with students how Dr. Mahalanobis was instrumental in starting the prestigious organization 'The Indian Statistical Institute'.

An essay competition was organized as a part of National Statistics Day celebration. The topic of essay was "Carrer in Statistics". A documentary on the life of Dr. Mahalanobis and the growth of Indian Statistical Science, jointly produced by Indian Statistical Institute and Vigyan Prasar Presentation, titled 'THE TAMING OF

CHANCE' was played to the student community.

The function was attended by B.Sc. second year and final year students. Ms. Badar proposed vote of thanks. The function was well organized by the students.

**Interdisciplinary Bridge Course in 'Application of Statistical Tools in Life Sciences'.(23rd August 2017 to 29th August, 2017)**

A six day Bridge course was organized jointly by Department of Statistics and Department of Zoology on 'Application of Statistical Tools in Life Sciences' for the undergraduate students of science stream. In all 111 students were selected for this certificate course. This course was engaged by Mr. R.V.Patil, Dr. D.V.N.S. Suresh, Ms. A. M. Badar, Dr. Archana Meshram, Dr. Manoj Bangadkar and Ms. Deepti Yadav. This course was organized taking in to consideration importance of Application of Statistics in Life Sciences particularly in area of research.

Date	Time	Topic	Speaker
23-8-17	12 to 1-30 pm	Introduction of problems in Life Sciences that require application of Mathematics and Statistics.	Dr. D.V.N.S. Suresh
24-8-17	11 am to 12-30 pm	Statistical Tools and their utility in 'Life Sciences'	Mr. R. V. Patil
26-8-17	11 am to 12-30 pm	Statistical Approach to Problems in Life Sciences.	Dr. Ms. Archana Meshram
27-8-17	11 am to 12-30 pm	Statistical Methods and their utility in 'Life Sciences'	Ms. A. M. Badar
28-8-17	11 am to 12-00	Importance of Statistics in Research in Life Sciences.	Dr. Manoj Bangadkar
29-8-17	11 am to 12-30 pm	Various Software and Their Demonstration for dealing with problems in Life Sciences.	Ms. Deepti Yadav



### Welcome Address (9th September, 2017)

The Department of Statistics organized a welcome function for B.Sc.-I students on 9th September, 2017. The activity was intended to motivate, encourage and energize the students for their academic and extracurricular endeavors in the department. The activity also aimed at improving the awareness of students regarding scopes and career opportunities the subject Statistics has to offer.

During first phase, Prof. R. V. Patil gave a brief introduction of the department and its participation in various statistical activities organized by the Statistical Society of Dr. Ambedkar College during this session. Some information was imparted to the students about extracurricular activities organized in the college.

The second phase of the program was centered on academic and career scope of the subject. The students were informed about the options available for higher education in the field of Statistics. Some information about institutions of national and international repute offering such higher studies was given. The job opportunities both in the private as well as public sectors were discussed with the students. The option of self-employment was also highlighted. Through this phase the students were reassured about their decision of selecting statistics as one of the subjects.

### 3. Aptitude Test (11th August, 2017)

A general Aptitude Test was conducted for B.Sc.-I students on 11th August, 2017 to assess the level of awareness about Statistics and Mathematics among the B.Sc.-I students. The test was conducted without giving any prior intimation. The maximum number of marks for the test were 15 and the time allotted was 45 minutes. Total 40 out of 63 students appeared for the test. The analysis of performance of the students in the aptitude test showed that 12 students out of 40 performed better than the

average, which was taken as 30% and 28 students performed below average. The result of the aptitude test was discussed with the students. They were encouraged to read the basic books and they were asked to get their doubts cleared by consulting the faculty members anytime as would be mutually convenient. Considering the below average performance of some students, the faculty members of the Dept. of Statistics are teaching the subject in simple way and the fundamental concepts are explained in detail. 4.

### 6. Guest Lecture by Asst. Professor Sanjay Agrawal (20th February, 2018)

The Statistical Society of Dr. Ambedkar College organised a guest lecture as a part of its annual programme plan. Mr. Sanjay Agrawal, Assistant Professor, Department of Preventive Social Medicine, Indira Gandhi Medical College, Nagpur was invited to deliver guest lecture on "Application of Statistics in Medical Sciences. Mr. R. V. Patil, Head Department of Statistics gave introductory remarks. The guest speaker was introduced by Ms. Dhanashree Brahmankar a student of B.Sc. final. Mr. Agrawal explained in brief the contribution of Statistics, a subject which is a part of community medicine in medical sciences. He gave guidelines to students for identification of research problems and framing of thesis. He further explained importance of identifying population suitable for selecting a sample. He stressed the importance of selection of suitable sampling method so that the sample represents population. He was particular about determination of sample size and collection of data. He then shared with students the importance of statistical analysis to draw valid conclusion. He also discussed at length research project on 'Obesity- A risk factor for hypertension' and a research project on 'Estimation of Hemoglobin Level among Pregnant Women of a Community'. Large part of his talk was focused on 'Application of Statistics in Clinical Trials'. He suggested students to perceive career data



analytics to become data scientist as there is huge demand for such jobs in pharmaceutical companies. At the end of his talk, he posed some problems in real life and asked the students about statistical techniques to be used for solving them.

The programme was compeered by Ms. Dhanashree Brahankar and the vote of thanks was proposed by Mr. Anvay Bahadure. The programme was well attended and appreciated by students and staff members of Department of Statistics.

#### **5. Visit to Maharashtra Remote Sensing Centre (28th February, 2018)**

Theory is undeniably incomplete without practice, especially if this is stated in relation to widely applied subject such as Statistics. An organization, which applies statistical knowledge on a national level, would be an ideal place to expose the students to practical applications. With such ideas a visit of undergraduate students of department of statistics was arranged to Maharashtra Remote Sensing Centre, Nagpur on 28th February, 2018.

Dr. Mrs. Neelima Shrivastava, Asso. Scientist welcomed the students and staff of our college and had deputed one of the scientist Dr. Mrs. Archana Kolhe working at MRSC to discuss application of statistics in Remote Sensing. At the outset Dr. Mrs. Kolhe shared with students that their visit coincides with National Science Day commemorating the discovery of Raman Effect by Nobel Laureate Dr. C.V. Raman, she explained the important role of statistics in processing of data collected through digital images taken by different satellites like Geostationary and Sun synchronous. She also explained applications of satellite technology in communication, meteorological surveys, flood monitoring, cyclone and drought warnings, identification of landslide hazard zones, potential fishing zones etc. Dr. Mrs. Kolhe gave information about true colour composition and false colour composition

based on the kind of reflectance of incident sunlight on different objects.

Prof. R. V. Patil conveyed gratitude on the part of the college and thanked both Asso. Scientist Dr. Ms. Neelima Shrivastav and Dr. Mrs. Archana Kolhe for their whole hearted cooperation.

#### **Seminars of the Students (5th March, 7th March, 14th March, 2018)**

Seminars were organized for the students of B.Sc. I and II. For this the students were allocated a certain part of the syllabus as the topic, given the books for reference and a few tips. The students presented their topics with the help of the transparencies. This helped the students to understand the topic in a better way. This also gave them an opportunity to face the audience, which most of the students did for the first time. This will definitely help them in their future career. It was found at the time of the test based on these topics that the students could write better answers to the questions based on these topics.

#### **7. STAT-FEST**

The Statistical Society organized a STAT-FEST on 31st March & 1st April, 2017. 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; overcoming stage-fear, inculcating spirit of team-work etc.

#### **CULTURAL EVENT COMPETITION (12th April, 2018) in STAT-FEST 2017-18.**

The students of Department of Statistics organized cultural event competition as a part of Stat-Fest. This event was organized after a long gap. Earlier during Stat-Fest only academic activities were conducted viz. Quiz Contest, Problem Solving Competition, Project Presentation and Poster Exhibition. The cultural



events evoked an unprecedented response from student community. The enthusiastic students took lot of pains and invested a good amount of time and energy practicing for various events such as dance, singing, ramp walk and for planning various games. They enjoyed every minute of this event and participated in all activities whole heartedly.

#### POSTER EXHIBITION COMPETITION (13th April, 2018) in STAT-FEST 2017-18

Students of Department of Statistics participated with full enthusiasm in Poster Competition organized on 13th April, 2018. The highlights of the Poster Exhibition was various posters prepared by the students to represent statistical data pertaining to influential events of the current year, using different diagrams studied in their syllabus like simple bar diagram, multiple bar diagram, subdivided bar diagram, pie diagram etc.

etc. The judge for evaluating the posters were Prof (Mr) V.S. Pawar Head, Dept of Electronics. The judge gave patient hearing to the poster presentation given by the students and applauded their efforts. He also gave useful suggestions to the students. The poster exhibition was enjoyed and appreciated by the students of other departments also

Class	Winner
B. Sc. Part I	Ms. Rajani Lichade, Ms. Aanchal Singh, Ms. Vaishali Raut – 1 <sup>st</sup> Prize
B. Sc. Part II	Ms. Divya Pardhi, Ms. Sayali Agale, Ms. Deepa Mapari – 1 <sup>st</sup> Prize

#### PROBLEM SOLVING COMPETITION " STATABILITY" (13th April, 2018) in STAT-FEST 2017-18

To improve the numerical and conceptual statistical aptitude of the students a problem

solving competition "Statability" was conducted on 13th April, 2018. This competition was held on a class wise basis separately for B.Sc.I, II and III year. The response to the Statability 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 were given, 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 STATABILITY, STAT-FEST 2017-18.

Class	Winner
B. Sc. Part I	Ms. Divya Anthony – 1st Prize
B. Sc. Part II	Ms.Vrushali Pachare – 1st Prize
B.Sc. Part III	Ms.Sayali Mahulkar – 1st Prize

#### PRIZE DISTRIBUTION FUNCTION (13th April, 2018) in STAT-FEST 2017-18

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 13th April, 2018 in the department. The prizes were distributed at the hands of Dr. R. S. Bagde and H.o.D. R.V.Patil.

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## DEPARTMENT OF MATHEMATICS

Various activities conducted by Mathematics department during March 2017 to August 2017:

**1. Problem Corner for B.Sc. Part I :**

This Activity was conducted by the Department of Mathematics on 3rd March 2017 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.

**2. Problem Corner B. Sc. Part II :**

This Activity was conducted by the Department of Mathematics on 16th March 2017 for the students of B.Sc Part II semester IV. 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.

**3. General Knowledge Test :**

Department of Mathematics conducted General Knowledge Test on 17th March 2017 for the students of B.Sc. As the students of graduation have to compete in various examinations after UG, so this activity is conducted to make them aware about how to apply the knowledge imparted to them in the class in solving problems asked in various competitive exams.

**4. Metrological Day :**

A guest lecture on the occasion of "Metrological Day" was celebrated on 24th March 2017 by the Department of

Mathematics Prof. S. M. Pawar was the convener and Dr. Jitesh Tripathi was the Co-Convener of the program.

Dr. Nitin Labhshetwar, Principal Scientist, NEERI, CSIR was the guest speaker. The topic of the talk was "Greenhouse emissions: Impacts and Control". He told the students how to control the greenhouse effects and suggested preventive measures. The main motto of the program was to create awareness regarding our ecosystem among the students.

Dr. P.C. Pawar, Principal, Dr. Ambedkar College, Deekshabhoomi, Nagpur, Prof (Ms) Sushama Pawar, HOD, Department of Mathematics, Prof. (Mrs.) B. M. Mehere, HOD, Department of Biochemistry.

The Program was compered by Prof.Ritu kanojiya while vote of thanks was proposed by Prof. (Ms) Sushama Pawar. All worked hard for the success of the program.

**5. Welcome Address :**

Department of Mathematics conducted a program "Welcome Address" on 25th July 2017 for the students of B.Sc Part I. In this program students were given guidance regarding the syllabus of B.Sc. and the university question paper pattern was 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.



**6. 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 on 22th August 2016.

**7. Class Seminar :**

Department of Mathematics conducted Activity "Class Seminar" on the topic " To Find Solutions of First Order Differential Equations" on 23rd February, 2018.

**8. Problem Corner :**

Department of Mathematics conducted an activity "Problem Corner" for BSc students of all streams on 5th March 2018.

**9. Guest Lecture :**

Department of mathematics has organized a Guest Lecture on the topic " Applications of Difference Equations" for B.Sc. students of all the streams on 8th March 2018. Dr. Rajani Shelote, Head, Department of Mathematics, Sant Gadge Maharaj Mahavidyalaya, Hingna, delivered the guest lecture and was appreciated by the student for her efforts.

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**DEPARTMENT OF COMPUTER APPLICATION****INDUCTION PROGRAM**

Induction program was conducted on 4th July 2017 for the student of BCA Sem-I, which is conducted by Dr. Prakash Bhongade and other faculty members. The students were aware with future scope of the course. The students were briefed by entire course curriculum, exam pattern, attendance criteria, rules and regulations etc. Students were briefed about placement records and given information about campus drive.

**SCIENCE EXHIBITION on e-WASTE**

Science Exhibition on e-Waste was organized on 9th July 2017 in BCA department for BCA students to project the recycling of waste electronic devices. Students prepared working models out of the electronic scraps such as Vacuum Cleaner, Li-fi technology, Motherboard clock, Head Massager, Projector, Water Fountain, Soil moisture indicator, Fire Alarm, Walking robot, Sensor Security, Water Level Indicator, Power Bank, etc. Around 130 students from BCA SEM-I/ Sem-II/ Sem-V took participation with 35 to 40 models. The models were highly appreciated by Director of our college Dr. (Mrs) K. M. Reddy Madam, our Principal Dr. P. C. Pawar, Judges Dr. Rewatkar & Dr. Bhat and faculty members from other departments. We appreciate the support and importance they have shown to the students by providing relevance and interest in their work. All the students shine with pride and accomplishment that day.

**Workshop on "Proficiency in Computer Application"**

A one week interdisciplinary workshop on "Proficiency in Computer Application" was organized by Department of Commerce & Department of Computer Application (BCA) from 14th August to 22nd August 2017 in Mini Auditorium. The sessions were scheduled on

following topics as follows:

Date	Topic	Name of Expert Faculty
14-8-2017	Microsoft Windows	Ms. Shama Khan, Faculty, BCA
16-8-2017	Microsoft Word	Dr. Prashant Yende, Faculty, BCA
18-8-2017	Microsoft Excel	Dr. Prakash Bhongade, Head, BCA
19-8-2017	Microsoft PowerPoint	Ms. Priyanka Soitkar, Faculty, BCA
21-8-2017	Internet Application	Ms. Harshala Petha
22-8-2017	Test Exam	Ms. Anuradha Bhattad
22-8-2017	Valedictory Function	Chief Guest : Dr. P.C.Pawar, Principal

**Installation of Society of Computer Application and inauguration of annual function (ARENA)**

The installation of Society Of Computer Application was held on held on 20th January 2018 in the College Auditorium with the hands of Mrs. Nalini Agrawal, Managing Director and co-founder of Krishna Consultants, Nagpur in the presence of Dr. P.C. Pawar, Principal of the College and he gave oath to the members of Society. The body of the society formed with name, Ankita Thakur - President, Ashutosh Deo-Vice President, Ankit Thakur -Secretary, Rohan Emmanuel-Treasurer. The various committees such as Academic, Cultural, Social, Organizing, Sports, Technical, Discipline were formed. In this, the body of the Society was formed and Investiture ceremony was conducted. We were conducted two guest lectures. Mr. Zubin Deboo, Training Manager spoke on "Overseas Education" and Ms. Sweta Pal, Director, ITS Intelligent Scripts spoke on "Linux Operating System".



### **Felicitation of placed students**

In session 2017-18, our department has placed total 21 students in the different IT companies like Infosys, CapGemini, L&T Infotech Ltd. and IBM Concentric. On 20th February 2018, we organized programme for felicitation of students, who placed in IT companies in presence of Ist&IInd students for motivation.

### **Guest Lecture on "Scope of BCA in abroad"**

Guest Lecture was organized on 22nd July 2017 in BCA Lab, DACN. The session was conducted by Miss Shivani Bisht, Ex-Student of BCA Dept., DACN. The topic of guest lecture was "Scope of BCA in abroad". The Session was conducted for the students of BCA Sem-III & BCA Sem-V. She discussed on current developments in abroad. She also explained the students about industry trends and career opportunities related to their interests. She gave the guidelines to students regarding the exams that are beneficial for studies in abroad. She also focused how learning and working abroad is a wonderful opportunity to immerse you in another culture while also gaining valuable career experience. She also said that big trends in information technology (IT) influence cultures and careers. This session greatly helped students to better understand available career paths, identify specific skills needed for success

### **Guest Lecture on "Current trends in IT sector"**

Guest Lecture on "Current trends in IT sector" was conducted on 29th July 2017 by Mr. Deepak Tripathi, Software Engineer, TCS, Mumbai in BCA Lab. The Session was attended by the students of BCA Sem-II & BCA Sem-III. He guided the students about industry expectations from fresh graduates of BCA. His guidance helped final year students especially as they were preparing themselves for upcoming placements. This lecture helped the students fetch the right details to work on themselves as to fit into their criteria. He also focused on various certificate courses

which can help students to have an add-on in their Resume. He spoke on current trends in IT sector and demands of IT professionals in US market.

### **Guest Lecture on "Career opportunities in public sector"**

Guest lecture was organized by Mr. Rahul Vaidya from ECGC, DACN on 5th August, 2017 in BCA department for the students of the BCA Sem-III and BCA Sem-V. In this session he gave information regarding career and opportunity in public sector. Key differences between the public sector and private sector were put forward by speaker by giving analysis. Advantages of public sector were briefly summarized. He also gave the information regarding aptitude enhancing program for competitive exams, like MPSC, UPSC, SSC, IBPS PO and various banking exams. This Session was thoroughly enjoyed by the students.

### **Guest Lecture on "Overseas Education"**

Guest Lecture on "Overseas Education" was conducted by Mr. Zoobin Deboo, Training Manager, Krishna Consultants, Nagpur on 20th January 2018 in College Auditorium. He spoke about the higher education procedure in abroad like USA, Australia, Canada, UK, Germany, France, Spain etc. He gave information about the entrance examination such as ILTS, GRE-TOEFL for higher studies in abroad. Approximately 250-300 students from BCA were attended the session. He gave the guidelines to students regarding the exams that are beneficial for studies in abroad.

### **Guest Lecture on "Cloud Computing"**

Guest Lecture on "Cloud Computing" was conducted by Mr. Anil Datodie, RTMNU, Nagpur on 3rd February 2018 in BCA Lab. The Session was attended by the students of BCA Sem-IV & BCA Sem-VI. Cloud computing is an information technology (IT) paradigm that enables everywhere access to shared pools of configurable system resources and higher-level services that can be rapidly provisioned with minimal management effort, often over the Internet. He spoke on opportunities of cloud





computing technology in market. His guidance helped final year students especially as they were preparing themselves for upcoming placements. He spoke on industry expectation from the fresh students. He also focused on various certificate courses which can help students to have an add-on in their Resume.

#### APTITUDE TEST

Aptitude test was conducted on 5th August 2017 of first year student of BCA. The test consisted of questions based on Logical reasoning, Analytical questioning, English, Computer based and General knowledge. The test is conducted to give students an idea as to how to appear for entrance and competitive exam during Campus recruitment. All the students actively participated and tested their IQ level. The result was declared which boosted the students to be more prepared in various topics. The students with the highest score were rewarded and the one with low scores were given more guidance and practice sessions.

#### SPORTS MEET

The sports meet took place for two days on 17th February 2018 on College ground, which included Cricket for boys & girls, Lagori, Tug of War, Dog & the Bone. Large number of students and faculty members has participated in various sports activities. The champion of the tournament was BCA I and they were awarded by giving trophy. The titles like man of match, man of the series, best bowler, best batsman etc were also appreciated by rewards.

#### Shining Lights

##### • University Merits (Session 2016-17)

Name of the student	Merit position	Class
Miss. Snehal Sontakke	Second Rank	BCA Sem-VI
Miss. Sonali Bansod	Sixth Rank	BCA Sem-VI

##### • Placements (Session 2017-18)

S.No.	Name of Student	Company Name
1	Sangam Thakur	CapGemini
2	Shreya Mitra	Infosys
3	Ashwini Deshmukh	Infosys
4	Aachal Tumble	IBM-Concentrix
5	Aditi Badnore	IBM-Concentrix
6	Aditya Shukla	IBM-Concentrix
7	Apeksha Rambhal	IBM-Concentrix
8	Asfiya Hussain	IBM-Concentrix
9	Ashutosh Deo	IBM-Concentrix
10	Ashwini Deshmukh	IBM-Concentrix
11	Prabhjot Khalsi	IBM-Concentrix
12	Pranjali Mankar	IBM-Concentrix
13	Rohit Parate	IBM-Concentrix
14	Rupal Tilwar	IBM-Concentrix
15	Sangam Thakur	IBM-Concentrix
16	Shantanu Sonavane	IBM-Concentrix
17	Shefali Patra	IBM-Concentrix
18	Amit Shivankar	IBM-Concentrix
19	Angel Sontakey	IBM-Concentrix
20	Akshay Meshram	IBM-Concentrix
21	Manali Pandey	IBM-Concentrix
22	Trishala Thakur	L&T Infotech
23	Rohan Emmanuel	L&T Infotech
24	Prabhjot Kalsi	L&T Infotech
24	Ashfiya Hussain	L&T Infotech
25	Maharshi Tripathi	L&T Infotech
26	Yadnesh Bhaisare	L&T Infotech



• **Inter College PowerPoint Presentation Competition**

Our students Mr. Navneet Toppo, BCA Sem-I got Second prize with cash Rs. 1000 and Mr. Arbaz Din, BCA SEM-I got consolation prize with cash Rs. 500 and Dr. Ambedkar College got Best Participation Award with running trophy in inter college PowerPoint presentation competition, which was held at Dharampeth Science College, Nagpur.

**Faculty Achievements**

- **Mrs. Harshla Pethe** was awarded with Ph.D. degree from R.T.M. Nagpur University, Nagpur on 24th March 2018 in the faculty of Science for Computer Science subject under the guidance of Dr. S R Pande.
- **Dr. Prakash Bhongade** was invited as Resource Person for conducting Skill Development Workshops on Career Guidance for Labor Welfare Department at Khamgaon, Gondia, Hingna, Pauni, Saoner & Katol.

Workshops	Date	Place
Skill Development Workshops	16.02.2018	Hingna Dist. Nagpur
Skill Development Workshops	18.02.2018	Saoner Dist. Nagpur
Skill Development Workshops	19.02.2018	Katol Dist. Nagpur
Skill Development Workshops	17.02.2018	Pauni Dist. Bhandara
Skill Development Workshops	28.02.2018	Gondia Dist. Gondia
Skill Development Workshops	17.03.2018	Khaogaon Dist. Akola

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## DEPARTMENT OF COMPUTER SCIENCE

### DEPARTMENTAL ACTIVITIES

#### SESSION 2017-18

- B.Sc. Sem VI University Practical Examination on 10,11-03-2017
- B.Sc. Sem IV University Practical Examination on 27,28-03-2017
- M.sc-Sem-II Students Seminar on 18-04-2017
- M.sc-Sem-IV Students Seminar on 29-04-2017
- M.sc-Sem-II and Sem-IV Practical Examination from 16-05-2017 to 19-05-2017 Students Seminar on 29-04-2017
- B.Sc. Sem-I Admission process starts from 06-06-2017
- M.sc Sem-I Admission process starts from 15-06-2017
- B.Sc. Sem II University Practical Examination on 27,28-06-2017
- Farewell Program for M.sc-sem IV students on 19-05-2017
- Induction program for B.sc Sem-I students on 31-07-2017
- No of students Present:60
- Fresher's day and Induction program for M.Sc-Sem-I students on 26-07-2017
- No of students Present:35

#### MOU with Quick-Heal

- Dr. P. C. Pawar, Principal and Dr. (Mrs) K. M. Reddy, Director, College Development during Inaugural Function
- Prof. Mrs. Dani, Coordinator, Quick-Heal delivering lecture on Importance of Antivirus on 02-08-2017

#### Guest Lecture 1:

Mr. Amogh Chitnis, Center Head and

Technical Speaker, NIIT, Nagpur delivering lecture on IT CAREER ASPIRANT. Date: 11-08-2017

- No of students Present:35

#### Guest Lecture 2:

- Mr. Paramjeet Singh Bhabra, Marketing Executive, NIIT, Nagpur delivering lecture on current scenario in IT Field. Date: 12-08-2017

- No of students Present:35

#### Guest Lecture 3

- Mr. Biswaroop Padhi, Founder Director, Adept Academy and Ex-CMO Square Yard's delivering Lecture on Digital Marketing and Communication on 24-08-2017

- No of students Present:60

- M.sc-Sem-I Students Seminar on 02-12-2017

- M.sc-Sem-I and Sem-III Practical Examination from 05-12-2017 to 10-12-2017

- M.sc Sem-II,IV,VI Admission process starts from 12-12-2017

- B.Sc. Sem III University Practical Examination on 20,21-12-2017

- B.Sc. Sem I University Practical Examination on 26,27-12-2017

- B.Sc. Sem V University Practical Examination on 03,04-01-2018

#### Tech Fest-2018

- Department of Computer science conducted Tech Fest program for M.sc-I and M.sc-II students on 12-01-2018 in which following activities conducted

- Group Discussion
- Quiz competition



- Error debugging
- Drawing competition  
Total number of students Present:35
- **Inhouse Computer Training Program for Unnati Students**
- Department of Computer Science conducted Computer Training program for Unnati students.

**Topic to be covered:**

- MS-OFFICE
- MS-EXCEL
- MS-POWERPOINT
- OFFICE AUTOMATION and INTERNET

**Faculty Name :**

- 1] Dr. P. V. Nimbalkar
- 2] Dr. A. H. Hedao

No. of students Participated:40

Duration:20-11-2017 to 10-12-2017

**Traditional Day**

- Total number of students Present:35

**Guest Lecture 4**

- Mr. Ashish Gadpayle, Technical Trainer, APS Microtech Delivered Lecture on Current trends in IT Field Date:29-01-2018
- Total number of students Present:65

**Workshop on redhat Linux**

- Ms. Shweta Pal, Certified Partner, redhat Linux Promatric Centre ,Trainer, ITS, INTELLIGENT SCRIPTS, Conducting Workshop for B.Sc. –I,II,III Students.  
Date: 30-01-2018

**Topics to be covered:**

- How to Install Linux on Windows Platform
- Linux Shell, Kernel.
- Linux Command

- KDE and GNOME environment  
Total number of students Present:80

**FACULTY DEVELOPMENT PROGRAM**

- Mr. Santosh Jakawar, Sr. Database Administrator, Oracle India Pvt. Ltd.,Hyderabad focus on current trends in Database Management and recovery.  
Date: 16-02-2018

**Topics to be covered :**

- RMAN Recovery
- Import Export Utility
- Table space, Clusters
- Triggers, Views, Synonyms, Sequences  
Total number of Teachers Participated:05  
Number of students Present:10

**Students Placement**

- Ms Yogita Fegade and Ms. Neha Ingole( B.sc Sem-VI ) students Selected in Campus Interview Conducted by L & T InfoTech Pvt Ltd. On 18-02-2018

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## DEPARTMENT OF BIOCHEMISTRY AND BIOTECHNOLOGY

Academic session of 2017-2018 of Department of Biochemistry and Biotechnology of Dr. Ambedkar College Deekshabhoomi, Nagpur was started from 7th June 2017 beginning with the admission procedure for the First year B.Sc. Biochemistry and Biotechnology and M.Sc. First semester Biochemistry and Biotechnology. The admission procedure in these courses were carried out as per the new rules provided by RTM Nagpur University till the end of August 2017 as 20% extra seats were allotted in the First year B.Sc. Courses.

On 18th July 2017 orientation program was conducted for First Year B.Sc. and M.Sc. Biotechnology and Biochemistry students to introduce them to the overall curriculum and working of Department and College. The program was conducted by Mr. Rohan Thaware and Head of the Department Dr. Mrs. B. A. Mehere.

To commemorate the Birth anniversary of Dr. Saibal Biswas the Department of Biochemistry and Biotechnology conducted Tree Plantation program at Memory Forest of Dr. A. P. Mehere's Farm. Dr. V. S. Jambhulkar, Head, Department of Biochemistry, DRB SindhuMahavidyalaya, Nagpur was the chief guest for this program. Faculty from the department brought different saplings of medicinal and ornamental plants.

Students require regular mentoring regarding their studies and other related problem. To address this college started mentoring activity which was conducted by the department on 31st of July 2017 in which a questionnaire was circulated to the students. The filled questionnaire was collected and analyzed by teachers, and students which were in need of mentoring were asked to visit Professors for the

solution of their problems.

An Aptitude Test for the first year students is conducted every year to evaluate their ability to take up the undergraduate course. This test was conducted by the department on 7th of August 2017.

Keeping up with the trends in field of sciences the department conducted a 12 days certificate course on "Forensic Science and Criminal Justice System" in collaboration with department of Law and Board of Life Long Learning Education, RTM Nagpur University from 3rd August to 14th August 2017. Total 85 students participated in the program which was coordinated by Dr. Mrs. Sandhya Kalmadhav of Law Department and Dr. Mrs. B. A. Mehere of Biotechnology Department. The practical sessions of this program was conducted in the department under the supervision of Mr. Pradip Hirapure

Like every year this time also department conducted Intra-college Blood group testing and Health check-up camp for newly admitted first year students of Science, Commerce and Arts Departments of the college from 21st to 30th August 2017. Total 256 from different department participated in this camp

Following the directions of Government of Maharashtra and as per the letter received from office of Collector the department conducted "Sickle Cell Detection camp" in collaboration with Sickle Cell Association (NGO) and Indira Gandhi Government Medical College (IGGMC) Nagpur from 23rd to 30th August 2017. Dr. A. V. Shrikhande was the chief guest for the inauguration program where she guided the students about the sickle cell anemia disorder and



informed them about several Government measures taken for sickle cell patients. Dr. UtpalDongre and Mr. Rohan Thaware coordinated this activity where 721 students were screened for sickle cell.

A science fair for school going students entitled "GENESIS" was organized by Biochemistry and Biotechnology society and Seeding Lab students. The events in the fair were Guest lectures, Lab Tour, Faculty talk, Poster competition and Science model exhibition. Students from schools all around the Nagpur city actively participated in the event. The program was coordinated by Dr. D. N. Begde.

To address the psychological challenges of modern day students department organized a lecture on "Mental Health" in collaboration with Devine Youth Association on 10th January 2018. Dr. Mrs. Rathi from the association delivered this lecture where 167 students from all streams attended.

Undergraduate students from the department visited Raman Science Centre for "Science Expo" on 20th January 2018. Dr. UtpalDongre coordinated the visit to the centre.

Department promotes career in clinical research for which a lecture on "Clinical Research and Medical Coding" for students was conducted on 10th February 2018. 210 students participated in this program.

DNA Day was celebrated on 5th April 2018. This event was conducted to commemorate this discovery of DNA double helix structure and publication of first draft of Human Genome Sequence. Students of semester 4 & 6 presented popular lectures on DNA sciences and related technology. Dr. PrasanthTej Kumar J. Scientist from CCRI graced the inauguration function as chief guest and guided students for career in biotechnology.

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## DEPARTMENT OF BOTANY

Department of Botany has shown its potential by participating & conducting various facets of academic, Extra and co-curricular activities during the session 2017-18.

1. **Welcome address:** Welcome address and introduction of staff to the students of B.Sc. Sem-I 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 various evaluation techniques for examination. Also encouraged students to participate in different departmental activities.

1. **NATIONAL WORKSHOP ON "GLOSSARY OF ENVIRONMENTAL SCIENCE IN ENGLISH-HINDI-MARATHI":** National Workshop on Glossary of Environment Science in English-Hindi-Marathi" in association with Commission for Scientific & Technical Terminology, Ministry of Human Resource Development (Dept. of Higher Education), Govt. of India on 21st July to 25th July 2017 at Dr. Ambedkar College, Deekshabhoomi, Nagpur. Dr. Selwatkar, Scientific Officer, CSTT, Ministry of HRD, Gol have addressed in workshop. Prof. S.R. Somkuwar briefed about National Meeting/Workshop. The experts from all over India; Dr. Ashok N Selwatkar, Scientific Officer and Editor, CSTT, New Delhi; Dr. B.N.Pande, Retd. Prof. Env. Sci. Aurangabad; Dr.L.S.Matkar, Principal, New Arts and Science College, Shewgao (Dist:Ahamadnagar); Dr. P. G. Puranik, Ex. Director & Principal Science Dharampath College, Nagpur; Dr. A. M. Bhatte, Ex. Principal Dharampath Science College, Nagpur; Dr. N. M. Dongarwar, Associate Professor P.GTD Botany RTM Nagpur University, Nagpur; Dr. G.M.Phonde, Dept of Environmental Science. PVV College Pravara Nagar (Dist: Ahamadnagar); Dr.D.R. More, Principal, LBS College, Dharmabad, Dist: Nanded; Dr.Ashok

Sirsikar, Retd. Prof. Science College, Nanded; Dr.Kishor Bhute, Head Dept. of Zoology, R.S.Bidkar College, Hinganghat were prominently contributed to the said workshop.

2. **Inauguration of Botanical Society:** The Department of Botany, has a personal enhancement and development society known as Botanical Society Dr. Ambedkar College Deekshabhoomi, Nagpur (BSDACN). It is involved in activities such as career counseling, soft skill development, career path identification, extra-curricular, extension and orientation to wellbeing for its students. The installation of Botanical society for the new academic session 2017-18 was done at the hands of Dr. Vinod Dongre, Associate Professor, Sevadal Mahila Mahavidyalaya, Nagpur on 02/08/2017. The office bearer was welcomed followed by a guest lecture by Dr. Vinod Dongre on "Karyotyping".
3. **Celebration of World Nature Conservation Day-2017:** On the occasion of World Nature Conservation Day a Popular Lecture by Kaustav Chatterjee, an Eminent Environmentalist & Founder, Green Vigil Foundation, Nagpur on "Conservation of Environment and Biodiversity" on 31/07/2017. He addressed the students about the "local environmental concern". Sapling Plantation Program in the college premises also done at the hands of guests.
4. **Eco-friendly campaign with Tie-a-Rakhi-to-a-Tree:** As a part of eco-friendly awareness activity, Dept. of Botany initiated the 'Tie-a-Rakhi-to-a-Tree', on the occasion of the Rakshabandhan festival on 07/08/2017. The campaign was launched by Principal Dr. P.C. Pawar, Prof. S.R. Somkuwar, Dr. Rahul B. Kamble, along with volunteers and students. The launch



was marked by tying rakhis to trees.

- Life Science Aptitude Test** was organized for B. Sc. Sem-Ist students in on 26th July 2017.
- Unit tests as well as test examination** of B.Sc.Sem-I, III, and V have been conducted at the end of every months of session. Teachers and students interaction was organized wherein students got a chance for introspection.
- Class Seminars:** Class Seminars of B.Sc. Sem-V was organized on 06/10/2017 to develop confidence and enrich students knowledge in respective subject. The students have interactions with outside subject experts.
- Intercollegiate Science Exhibition -2017:** Intercollegiate Science Exhibition -2017: working and static science models was organized on 09/09/2017 for the Junior & Senior College Science students.
- Herbal garden** was set up by the students of BSc. 3rd and 5th semester with the help of the college gardener. The saplings of rare medicinal plants like *Withania somnifera*, *Rauvolfia serpentina*, *Costus pictus*, *Cissus quadrangularis*, *Argyrea nervosa*, *Bixa orellana*, *Crateva adansonii*, *Clerodendrum infortunatum*, *Saraca asoka*, *Nothapodytes nimmoniana* etc. were procured from various govt. agencies and some from local people. After planting and some growth, the botanical and common names were identified, name plates prepared and placed.
- Special Guest lectures** on recent advances in the topics were organized in the department regularly by eminent scholars & academicians. The First Guest Lecture was organized on "Karyotyping" by Dr. Vinod Dongre, Associate Professor, Sevadal Mahila Mahavidyalaya, Nagpur on 02/08/2017. The Second Guest Lecture was organized on "Higher education for

social transformation: a collective step forward" on 30/12/2017 by Dr. Suraj Yengde, Hutchins Center for African and African American Research at Harvard University. The Third Guest Lecture was organized on "Career Avenues after BSc." by Ms. Shravani Pande, Director, Team10 Nagpur on 06/02/2018. The special Popular Science Lecture Series was organized on 20/01/2018 by Raman Science Centre, Nagpur on "Significance of Sickle Cell Anaemia in India" by Dr. B.P. Urade, Anthropological Survey of India, Nagpur at Auditorium, Raman Science Centre, Nagpur for the students of BSc. Sem II, IV and VI (Botany), Dr. Ambedkar College, Deekshabhoomi, Nagpur.

- Beyond syllabus scholarly activities of the department:** The Department of Botany has shown overall leadership not only in the specific areas of specialization but also in its capacity to develop their students in various other areas. The Department is prepared to offer the best training in plant science that is relevant to the needs of the present time through updating syllabus from time to time. It appeals to the intellectual and vocational aspirations of the students of the present and future generations viz.
  - Workshop on Vermicomposting :** The Vermicomposting workshop was organized for B. Sc. students to know how the basics and intreprenurship development on 29/08/2017. The training in vermicomposting encompasses the following : Pit construction- single, double, continuous and four chambered, Segregation of degradable and non-degradable waste, Species and varieties of earthworms, Inoculation of worms, Collection, cleaning and packing. Vermicomposting is also in practice for disposing the wet waste from canteen and also other biodegradable wastes.





**2. Workshop on Instrumentation & Microscope Maintenance:**

Workshop on Instrumentation & Microscope Maintenance for the teaching and non teaching faculty members was organized on 14/07/2017 to 15/07/2017 by Dr. N.S. Meshram and Mr. Anup Bhat, Asst. Prof., Dept. of Physics, Dr. Ambedkar College, Deekshabhoomi, Nagpur.

**3. Discovery of two Plant Species New to Science:**

a. *Murdannia ugemugei* Kamble R.B., Somkuwar S.R. & Nandikar M has been described as new to Science published in *Webbia: Journal of Plant Taxonomy & Geography*. Taylor & Francis, UK.

b. *Amorphophallus shyamsalifensis*, (Araceae) from Bhandara District, MS (India). J.V. Gadpayale, Subhash R. Somkuwar & A. A. Chaturvedi published in *Phytotaxa: An Int. J. of Botanical Taxonomy*.

**4. Plantation program by staff and students:**

To celebrate World Environment day, plantation was done on 05 June 2017. All the students of Botanical Society and staff members have participated very enthusiastically in the program.

**5. Celebration of International Ozone Day:**

Student of The Botanical Society celebrated the International Ozone Day on 16th Sept. 2017 with interesting lecture by Prof. S.R. Somkuwar highlighted the theme "Caring for all life under the sun".

**6. Swachh Deekshabhoomi Campaign & Cleanliness Drive:**

The Hon'ble Prime Minister's of India call for cleanliness was best answered by the student of Botany Dept. Dr. Ambedkar college, undertaking the project of cleaning the Deekshabhoomi premises after Dhammachakra Pravartan Din and Cleaning of idol immersed in Futala lake after Ganesh Utsav.

**7. Botanical excursion and plastic**

**eradication drive:** Forest visits was organized to Rawanwadi Forest, Dist. Bhandara for study of plant diversity on 11/01/2018. Dr. Rahul B. Kamble highlighted floristic diversity of that area alongwith ethnomedicinal uses. Also all students went for a half day Plastic eradication in forest of Rawanwadi Forest, Dist. Bhandara. Protecting the Forest of the region they collected every inch of non-degradable waste. Students and staff are motivated to use jute bags or cotton bags. The use of plastic bags is avoided in the campus and the authority is planning to declare the entire college campus as "No Plastic Zone".

**8. Parent Teachers Meet:**

The Dept. has organised a first Parent-teacher meeting in the month of November, 2017 and second Parent-teacher meeting in the month of March, 2018 in college auditorium. The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of students.

**9. Phytorid unit:**

Care is taken to ensure that the college environment has low levels generation of chemical waste. To clean chemical waste generated in Chemistry laboratories Phytorid unit has been set up for Primary remediation of Chemicals contaminants with help of *Strychnos potatorum* seeds and various rhizomatous plants to minimize pollution levels so that the campus is healthy for all. Use of pesticides and other harmful chemicals in the garden is replaced by adopting organic methods of gardening wherever possible.

**10. Life Science NET-SET Coaching Classes:**

NET-SET coaching classes for M.Sc. Life Science (passed & appeared) students for 2017-18 has been conducted for 4 months



duration with maximum 10 seats having free of coast admission.

11. **Certificate Course in Plant Tissue Culture:** The department runs self finance research oriented short term course on "Plant Tissue Culture Technique" for the students of B.Sc.Sem-V& VI. In 4 months training program students learnt selection of RET taxa, explants selection, media preparation, explants sterilization and inoculation technique, etc.
12. **Interdisciplinary Certificate Course on Phytochemistry:** The department runs short term course on Interdisciplinary Certificate Course on Phytochemistry for the students of B.Sc.Sem-V in collaboration with Dept of Chemistry. In 3 months training program students learnt identification of ethnomedicinal plants, successive solvent extraction, sample preparation, qualitative phytochemical analysis for secondary metabolites, etc.
13. **Lab to Land Project on Biofertilizers 2017-18:** Dept. of Botany has started pay back service to farmer of Mohgaon Zilpi and Hingna via lab to land project on biofertilizers by supplying them biomass of biofertilizers free of cost to introduce and promote eco-friendly organic way of farming practice for sustainable soil & safe agri-product to us all.
14. **CELEBRATION OF FRIENDSHIP DAY WITH BOTHI TREE:** Students of Botanical Society, Dr. Ambedkar College, Nagpur celebrated Friendship Day by tying bands to a tree in the premises of the college under "Save Trees" programme. The "Save Trees" programme was specially organized by Dept. of Botany on Saturday, August 06 in order to create awareness about the importance of the conservation of trees and to make students environment conscious.
15. **CELEBRATION OF ECO-FRIENDLY HOLI:** To creates an awareness among the student

about herbal dye., eco-friendly holi was celebrated using the flower powder dyes of Butea monosperma, on the eve of "Holi" festivals to create interest on Eco-Friendly & sustainable environment amongst students on 01/03/2017.

16. **EARTH HOURS:** Earth Hour is a worldwide movement organized by WWF. Botanical society celebrated Earth hours alongwith the EVS students encouraging to turn off their non-essential lights for one hour, from 8:30 to 9:30 p.m. on 25th March, 2018 as a symbol for their commitment to the green planet.
17. **B.Sc. FINAL YEAR FAREWELL & ALUMINI INTERACTIONS (RUNANUBANDH):** Every year Botany dept organized a farewell programme for final year students along with alumni interactions named under "Runanubandh". Students gave feedback about their curricular and extracurricular problems and recommendation. Dr. P.C. Pawar, Dr. Arun Joseph, Prof. S.R. Somkuwar were present on this occasion of "Runanubandh" on 17/3/18. Dr. Rahul B. Kamble conducted the proceedings of the programme.
18. **GENE (GERMPLASM) BANK:** Botany Dept. has established field repositories of Regional RET taxa. Preliminary inventarization of perennial or vegetatively propagated plant species in east Vidarbha was conducted by Faculties of Botany Dept. to develop cost effective conservation strategies in future for sustenance & structure of forest resource base. Traditional knowledge related RET taxa were documented. This year dept. added a total repository 26 accessions of various RET taxa for conservation of PGR in the form of germplasm bank of total 101 accessions.
19. **THE HERBARIUM WORKSHOP :** The Botany Dept. herbarium contains significant holdings of about 325 plants materials collected mostly from Vidarbha



region. The herbarium also has a small but comprehensive library of books and periodicals about plant taxonomy. The herbarium workshop was conducted for the students of BSc. Sem IV to know the herbarium preparation for the taxonomic identification of plants on 06/02/2018. The students have collected the plant specimens from various localities and dried it and pasted on herbarium sheets.

**20. GREEN AUDIT OF COLLEGE CAMPUS AND DEEKSHABHOOMI PREMISES:**

The Green Audit of College Campus and Deekshabhoomi Premises were carried out for the year 2017-2018. This was audited by Forest Officer, Dept. of Forest, Govt. of Maharashtra. The green audit contains all shrub and tree elements forming a green cover. The data was compiled with the help of students of Botanical Society, DACN every year under the guidance of Prof. S.R. Somkuwar and Dr. Rahul B. Kamble.

**21. WORLD WETLAND DAY CELEBRATION:**

The World Wetland Day were celebrated at wetland sites of Nagpur District i.e. Mohgaon Zilpi forest, Zilpi Lake. The short excursion tour were organized for the students of BSc IV Semester to aware about the protection and conservation of wetland areas of Nagpur region on 02/02/2018.

**22. NATIONAL SCIENCE DAY CELEBRATION :**

On the occasion of National Science Day on 28th February 2018, the Department of English organised an Interdisciplinary Activity in collaboration with Department of Botany. The activity was focused on creating larger awareness on Sustainable Environment among the students.

A poster competition was also organised on this occasion where students prepared some charts and posters detailing about the causes of loss of environment and green cover. More than a dozen students participated in the competition.

Mr. Subhas Somkuwar & Dr. Rahul Kamble,

Department of Botany were invited as Judges for the poster competition. Both the judges spoke on the topic, cited several examples and cases where deforestation has endangered lot of species and created challenges for survival of living organisms. The issues of wetland management and protection and environment protection were also discussed.

In the last session of the programme students asked some questions and they were very ably answered by the expert speakers.

The programme was organised by students of Arts, Commerce and Science Faculties jointly. Ms. Priti Singh was the programme-in-Charge. The programme was compered by Nupur Iyer while a formal vote of thanks was proposed by Ms. Ritika Pardhi. Dr. Shailesh Bahadure, Ms. Anita Tirpude and Mr. Manoj Andraskar were also present on this occasion

**23. VISIT TO SCIENCE EXPO-2018, RAMAN SCIENCE CENTER & SPECIAL SCIENCE SERIES LECTURE:**

The visit to Science Expo-2018 at Raman Science Center, Nagpur were organized for the students of BSc. Semester II, IV and VI. The students have visited the stalls of various research institutions/Laboratories and interacted with the concerned scientists and resource persons. The Special Popular Science Lecture Series was organized by Raman Science Centre, Nagpur on "Significance of Sickel Cell Anaemia in India" by Dr. B.P. Urade, Anthropological Survey of India, Nagpur at Auditorium, Raman Science Centre, Nagpur for the Botany students of BSc. Sem II, IV and VI on 20/01/2018.

**24. STUDENTS ACHIEVEMENTS:**

Rohan Shende and Abhay Shambharkar won second prize in Interuniversity Live



Medicinal Plant Exhibition-2017 on 28th August 2017 organized by Dept of Botany, Vidhyabharti College, Seloo, Dist. Wardha.

- Vinayak Joshi, Sarang Khandalkar, Abhilasha Fulzele and Vaibhav Sahare participated in Innovative Project Competition organized during Raman Festival of Innovation-2018 by Raman Science Centre & Planetorium, Nagpur from 15th Feb to 17th Feb 2018.
- Vinayak Joshi, Sarang Khandalkar, Pranay Gaikwad and Vaibhav Sahare participated in Intercollegiate Science Exhibition Competition under Science Week Celebration organized by IQAC and Technology Park, RTM Nagpur University, Nagpur from 26th to 28th February 2018.
- Sarang Khandalkar and Vaibhav Sahare won second prize in Intercollegiate Poster Competition-2018 organized by Tayawade College, Koradi
- Abhay Shambharkar and Nayan Shende participated in Yuva Vani Programme at All India Radio, Govt. of India; Nagpur on 15/03/2018.
- Shweta Raut, Rohan Shende, Kalyani Khond and Shantanu Chilate participated in Skit and Short Film Competition celebration of World Water Day at NEERI, Nagpur on 22nd March 2018.

**25. FACULTIES AS RESOURCE PERSON**

- **Prof. S.R. Somkuwar:02**
- 1. Judge for Interuniversity Live Medicinal Plant Exhibition-2017 on 28th August 2017 organized by Dept of Botany, Vidhyabharti College, Seloo, Dist. Wardha.
- 2. Resource person for Guest Lecture on "Sustainable Environment" at Department of English under the banner English Literary Association and Judge for Poster Competition at Dr. Ambedkar College, Deekshabhoomi, Nagpur dated on 28/02/2018.

- **Dr. Rahul B. Kamble:03**
- 1. Guest Lecture delivered at Brilliant Academy, Wadi, Nagpur dated on 03/06/2017.
- 2. Guest Lecture delivered at Tai Golwalkar Mahavidyalaya, Ramtek dated on 07/02/2018.
- 3. Resource person for Guest Lecture on "Sustainable Environment" at Department of English under the banner English Literary Association and Judge for Poster Competition at Dr. Ambedkar College, Deekshabhoomi, Nagpur dated on 28/02/2018.

**26. AWARD TO FACULTIES**

- **Prof. S.R. Somkuwar: 01**
- Distinguished Researcher Award** for outstanding contribution in the field of science at International Conference on recent trends in sciences & technology: sustainable development through scientific & approach, held during July 12-14, 2017 at Shivaji Science College, Nagpur.

- **Dr. Rahul B. Kamble:01**
- Esteemed Indian Association for Angiosperm Taxonomy (IAAT) elected and awarded as "Fellow of the Indian Association for Angiosperm Taxonomy (FIAAT)" for contribution in the field of Angiosperm Taxonomy at University of Delhi, Delhi on 12/11/2017.

**27. FACULTY DEVELOPMENT PROGRAMME**

- **Prof. S.R. Somkuwar: 01**
- UGC Sponsored Refresher Course in Botany conducted by UGC-Academic Staff College, Kurmaun University, Nainital, from Nov.4th to Nov.24th 2017.

**28. RESEARCH PROJECT**

- **Prof. S.R. Somkuwar: 01**
- Phytochemical and Biological Screening of *Byttneria herbacea* Roxb. Budget: (Rs. 3.40 lakh), (Principal Investigator) (Submitted 2017).

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DEPARTMENT OF ECONOMICS, HISTORY & POLITICAL SCIENCE

July-2017

1. **Date-03/07/2017— Group Discussion on ' GST ' By Dr. Gautam Kamble, HOD, Dept of Economics**
2. **Date: 06/07/2017 - Group Discussion on 'Political Theory' by, Prof. Vidya Chourpagar HOD. Dept of Political Science,**
3. **Date: 13/07/2017 'Competitive Exam Guidance Programme' by, DR. D.V.N.S. Suresh and Mr. Rahul Vaidya from Placement cell of DACN 100 students were present in this programme.**
4. **14/07/2017 Induction programme : for B.A. 1st Year Dr. P. C. Pawar, Principal, Dr. Ambedkar College, August-2017**
5. **01/08/2017 Reading and Discussion On the Speech of Justice P. B. Sawant By Dr. G. K. Kamble, HOD. Dept. of Economics.**
6. **03/08/2017 -Group Discussion on the Topic "India's Election Method" 65 students were present.**

October-2017

7. **Date: 27/10/2017- One day Workshop for students on the Topic " Story Writing for Movies" 35 Students are presented for this workshop. This workshop organized association with UNICEF Charkha Foundation Mumbai.**

November-2017

8. **Date: 27/11/2017- Essay Competition on the Topic, " Mahadcha Mukatisangaram" 65 students participated in this competition. This competition organized association with Nagpur Jalsampada Vibhag and BANAI Nagpur. Among this 65 students 05 students are Selected as best of 05. Namely**
  1. Priya Santosh Bahadure B.A. II year
  2. Kunal Nandraj Vavahare B.A. II year

3. **Maleshkumar Jagdish Arkara B. A. II Year**
4. **Shubham Pramod Kumare B.A. 1st Year**
5. **Sawapnil Arun Saudagar B. A. II Year**

December-2017

9. **Date-02/12/2017- "Participation in Short Film Competition" Depts. of History Economics and Political Science are jointly participated in short film competition. In this competition A short Film "Nikunj " Directed and Produced By Prof. Vidya Chourpagar . "End Violence against children" was the basic theme of the Short Film. The Movie Nikunj has received 1st prize. The nature of the award is 15000/- cash prize, memento and certificate also. This competition organized by UNICEF Charkha foundation Maharashtra branch Mumbai at Mumbai.**
10. **Date: 09/12/2017 to 11/12/2017 - Three days' Workshop organized on "Writing Skill" organized by UNICEF Charkha foundation Maharashtra Branch Mumbai at Mumbai. Dr. Mariyo: president of UNICEF Delhi Branch/Mrs. Alka Gadgil president of charkha foundation Mumbai, was inaugurated this workshop. Mr. Nilu Damle renowned Journalist, Mr. Prakash Akolkar renowned Journalist Sakal was Chief Guest. 20. Students are participated in this Workshop.**
11. **Date 21/12/2017- Visit to Winter Assembly at Nagpur 50 students Visited to winter Assembly.**

January 2018

12. **Date-15/01/2018 - Guest Lecture on "Sustainable Development and Buddhism" By Dr. H. M. Desarda, Ex. Member of State Planning Commission. 65 students are attended this Lecture.**

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DEPARTMENT OF SOCIOLOGY

1. **Inaugural And Welcome Programme**

Inaugural Programme & Sociology and Psychology study forum along with Psycho-Social counseling cell was conducted in Dr. Ambedkar College, Deekshabhoomi, Nagpur on dated 29th August 2017. The Chief Guest for the programme was Mrs. Bharti Neralwar, Suraj Adhyapak Vidyalaya, Chandrapur. She talked on writing skills and personality. She gave information about how to write effectively, how to improve handwriting, how the writing effect one's personality.

On the occasion, the Vice Principal of the college, Dr. Mrs. Pallavi Chopde, was present. The program was introduced by Mss. Mangala Waghmare, Psychology Department, Mss. Ruhini Meshram, Mss. Sangita Somwanshi conduct the programme. Vote of thanks was proposed by Mss. Shilpa Meshram. On this occasion a huge number of students were present.

2. **Swachatta Mohim, in slum area**

Swachatta Mohim, in slum area. Department of Psychology & Sociology of Dr. Ambedkar College, Deekshabhoomi, Nagpur conducted a program on Cleanliness in Kachipura Slum area on 5th August 2017. In this program people in slum area were made aware about hazardous effects of uncleanness on the health. They were also informed about different disease spreading out of it. There was made clean by with the help of students.

The teaching staff Mss Shilpa Meshram, Mss. Sangita Somwanshi, Miss. Rohini Meshram & Miss Mangala Waghmare were present on this occasion.

3. **Debate competition : 01-2-2018 "it is compulsory dress code for college? Yes or No"**

This debate competition was organized by

Department of Sociology for all students in Faculty of Arts. It was held on 01-02-2018 in the college auditorium. The competition had more than 24 students and a large number of students attended the debate. Miss Priti Bawre awarded the First Prize while Mr. Umang Bagde secured the second position and Miss Nikita Anankar secured the third position

4. **Elocution competition : 08-09-2017 "misbehavior in youngster"**

An elocution competition was organized for all students in Faculty of Arts on 07-02-2018. The topic for the competition was "Misbehavior in Youngster". Miss. Priti Bawre awarded the First Prize while Mr. Subhash S. Taksande secured the second position

5. **Workshop on "unemployment causes and consequences" 29 Jan 2018**

Sociology Department conducted a oneday workshop on "Unemployment causes and consequences" under the guidance of Principal Dr. P.C. Pawarsir, The Chief Guest for the programme was Mrs. Varsha Panbude dept of Com. She delivered a precious guidance through her speech on "Unemployment causes and consequences" to students.

6. **Group Discussion:- 15 Dec 2017**

In year 2016-17 Sociology dept. arranged Group Discussion on different social problems. Some topics were taken from syllabus also. Group Discussions were held on 14 July, 29 Sep and 8 Feb 2017. From this activity student developed their skill

7. **Guest Lecture:- "Preparation of MPSC & UPSC Exam Date:- 11.10.2014**

The Guest Lecture of Anita Tirpudehas been organized by Dept. He guided the Students on "Preparation of UPSC & MPSC Exam." Shesaid that if students want to participate in competitive exam, then they must have to concrete the base of social science.

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## DEPARTMENT OF PSYCHOLOGY

- **Swachatta Mohim, in slum area.**

Department of Psychology & Sociology of Dr. Ambedkar College, Deekshabhoomi, Nagpur conducted a program on Cleanness in Kachipura Slum area on 5th August 2017. In this program people in slum area were made aware about hazardous effects of uncleanness on the health. They were also informed about different disease spreading out of it. There was made clean by with the help of students.

The teaching staff Miss. Rohini Meshram & Ms Mangala Waghmare, Ms Shilpa Meshram, Ms. Sangita Somwanshi were present on this occasion.

- **SWOC analysis**

On B.A. Part-I students a SWOC analysis was done by Mangala Waghmare & Ms. Rohini Meshram on Dated 11th August 2017.

- **Inaugural Programme**

Inaugural Programme Sociology and Psychology study forum along with Psycho-Social counseling cell was conducted in Dr. Ambedkar College, Deekshabhoomi, Nagpur on dated 29th August 2017. The Chief Guest for the programme was Mrs. Bharti Neralwar, Suraj Adhyapak Vidyalaya, Chandrapur. She talked on writing skills and personality. She gave information about how to write effectively, how to improve handwriting, how the writing effect one's personality.

On the occasion, the Vice Principal of the college, Dr. Mrs. Pallavi Chopde, was present. The program was introduced by Mss. Mangala Waghmare, Psychology Department, Mss. Ruhini Meshram, Mss.

Sangita Somwanshi conduct the programme. Vote of thanks was proposed by Mss. Shilpa Meshram. On this occasion a huge number of students were present.

- **Guest Lecture**

A guest lecturer and special talk with TISS Student (Tata Institute of Social Sciences) organized by the department on 27th Feb 2018. The chief guest of the program alumni of the department and school counselor Ms. Richa Bagbe was present. She talked on how to get chance for TISS and how to study for TISS entrance Examination. She also share her experiences about the campus and various case studies. On this occasion Ms Vidya Chourpagre HOD Political Sci., was present. Program was introduced by Mss. Ruhini Meshram and Vote of Thanks was given by Mangala Waghmare

- **Visits**

- 1) A visit to bring museum Dharampeth was organized jointly by Sociology & Psychology Department on 18th July 2017. On this occasion B.A. Part-I students were present.
- 2) Visit to Matoshri old age home, Aadasa on 16 Jan 2018

- **Class Seminar**

Class Seminars were conducted on the following topics on 28-03-2018:

- Aggression
- Attitude
- Pro Social Behaviour

- **Project submitted by students**

1. A Comparative Study of Social Maturity among school going students -



Tools Used : Social maturity scale by Dr. Nalini Rao

2. A Comparative Study of Emotional Maturity among school going students -

Tools Used : Emotional maturity scale by Dr. Yashvir Singh And Dr. Mahesh Bhargava

- **Teachers' Day Celebration on 5th September 2016 with alumni**

- **Group discussion:**

Department has organized group discussion on various topics

- 1) Discuss on various aggressive situations
- 2) By standard effects

- **Certificate course**

Department Organized Five Days Certificate Course On "Psychological Testing" Date : 6- 10th February 2018. Highlights of Course are

**Day One:** Inauguration and guest lecture on What is Psychological testing by Prof Shankar Bhusari

**Day Two:** Lecture on Application of psychological Testing by Dr. Deepa Balkhande from Binzani Mahila Mahavidyalaya Nagpur.

**Day Three:** Lecture on Qualitative Methods by Dr. Shailesh Bansode from Vasanttrao Naik shaskiya Mahavidyalaya (Moris College)

**Day Four :** Lecture on Types of Tests by Mr Shankar Bhusari

**Day Five :** Exhibition of Psychological Tests and Certificate Distribution

- **Students Achievement**

1. 6 students participated in National Conference on Health Behavior and the got 2nd prize in Role play competition organized by C P & Berrar College, Mahal

2. 3 students participated in national conference on Health behaviour participated in Role play Competition and got 3rd Prize organized by C P & Berrar College, Mahal.

3. Total 20 students participated in above conference . Some of them also present Posters in "Posters competition" organized by C P & Berrar College, Mahal.

- Farewell:

A Farewell function was organized by the students of B. A. I & II for the final year students on 9th Feb 2018. Students on their own arranged this programme and conducted various games and activities for the senior students. Faculty teachers were invited to talk on career opportunities in respective subjects after graduation. Miss Magala Waghmare, Miss Rohini Meshram supervised the programme.

- **One day workshop -**

on "Emotional Intelligence – assessment of EQ and Testing for EPQ" 20th April 2018

Department of Psychology organized One day workshop on "Emotional Intelligence – assessment of EQ and Testing for EPQ" dated 20th April 2018 in Dadasaheb Kumbhare hall. The chief Guest for this workshop is Prof Shankar Bhusari Academic counselor, IGNOU. He has Delivered Lecture on Emotional Intelligence and Personality . He also Explained and administered Emotional Intelligence Test and Eysenk's Personality Questionnaire(EPQ).

The Workshop Inaugurated by Principal of the college Dr. P. C. Pawar and Vice Principal Mrs. Pallavi Chopde .In his speech he focused on Emotions that students faced every time and that emotional Intelligence is important .For





the success of these workshop students of psychology and teachers Ms. Mangala waghmare and Rohini Meshram took lot of efforts. The program anchored by Ms. Mangala Waghmare and Vote of thanks given by Ms. Rohini Meshram.

- **Psycho-Social Counseling cell**

The college has a unique cell where apart from academics and conventional studies, students are counseled on various aspects related to psycho-social behavior and personality traits. The cell offers valuable guidance over career choice and potential inputs. Counseling is a much needed activity for everyone and taking into consideration the varied socio-economic background of students in higher studies, attending them to harness a uniform social approach becomes very necessary. Nearly 42 students and some faculty benefited by Counseling. Ms Mangala Waghmare, Ms. Rohini Meshram From

Department of Psychology and Ms Sangita Somwanshi, Ms Shilpa Meshram are the coordinators of this cell and counsel the students.

Mrs. Bharti Neralwar, Suraj Adhyapak Vidyalaya, Chandrapur was invited for guest lecture. She talked on writing skills and personality. She gave information above how to write effectively, how to improve handwriting, how the writing effect one's personality.

A special lecture was organized by the cell for the all students in the college. The topic was 'Goal Setting', Miss. Mangala Waghmare spoke on diverse aspects of goal setting among students.

Ms Richa Bagde alumni of the department was also invited as a guest speaker she talked on how to get chance for TISS and how to study for TISS entrance Examination

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DEPARTMENT OF MARATHI

1. Inaugural function of Marathi Abhyas Mandal was held on 04/08/2017. Dr. Shripad Bhalchandra Joshi, President of Akhil Bhartiya Marathi Sahitya Mahamandal and Dr. Indrajit Orke, PWS College, Nagpur were the honourable guests for the function.
2. Elocution Competition was organized for the students of Faculty of Humanities on 04/10/2017. Mr. Kunal Vyavahare, Ms. Nikita Anwar and Mr. Prajwal Nangar won the merits.
3. National Seminar (13-10-2017) on 'Vidroh Sahityachi Samajik-Sanskritik Falshruti' was organized in association with Akhil Bhartiya Marathi Sahitya Mahamandal. The Chief Guest for the Inaugural Function was Dr. Shripad Sabnis. The function was presided over by Dr. Shripad Joshi. Dr. P. C. Pawar, Dr. Indrajeet Orke, Mr. Dipakkumar Khobragade and Ravindra Tirpude were present.
4. National Seminar (29-12-2017) on 'Prof. Waman Nimbalkar va Dr. Jyoti Lanjewar Wangmay Lekhan va Samajik Sanskritik Kartutva'. The seminar was organized in association with Akhil Bhartiya Marathi Sahitya Mahamandal and PWS College, Nagpur. The seminar was inaugurated at the hands of Prof. Uttam Kamble, President of the 84th Akhil Bhartiya Marathi Sahitya Sammelan and Senior Journalist, The President of the Inaugural Function was Dr. Shripad Joshi and was accompanied by Dr. V. S. Jog, Prof. Yashwant Patil, Prof. Indrajit Orke and Dr. Aparna Lanjewar. Dr. Ashok Thool and Dr. Siddharth Butle spoke on the literary contributions made by Dr. Waman Nimbalkar and Dr. Jyoti Lanjewar.
5. One day workshop (12-01-2018) was organized on 'Research Methodology'. Dr. Prabjyot Kaur was the resource person for the programme.
6. State Level Awards in the field of Marathi Literature were sponsored and given away on 11-02-2018. It was jointly organized by Dr. Ambedkar College and Aambedkarwadi Sahitya va Tatwadnyan Vicharmanch, Nagpur. Dr. Chandrashekhar Meshram, Dr. Yogiraj Waghmare, Khemraj Bhojar, Prof. Jaimini Kadu, Mr. Aman Kamble, Mr. Pritam Bulkunde and many other famous litterateurs.
7. Marathi Bhasha Gaurav Din was celebrated on 27-02-2018. Adv. Bhupesh Patil was the Chief Guest for the function. He spoke on the significance of languages in general and Marathi in particular.
8. Prof. Jaimini Kadu Prof. Gangadhar Pantawane were remembered on 19-03-2018 for their contribution in Marathi Literature.

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# **CELL REPORTS**



## PALI-PRAKRIT

### (1) Departmental Activity:

1) **Activity:** Three days' Workshop organized on "Writing Skill" organized by UNICEF Charkha foundation Maharashtra Branch Mumbai at Mumbai. Org. by Deptt. Of Pali Prakrit, Pol. Sci., Economics & History

**Guest :** Dr. Mariyo president of UNICEF Delhi Branch Mrs. Alka Gadgil president of charkha foundation Mumbai, was Inaugurated this workshop. Mr. Nilu Damleren owned Journalist, Mr. Prakash Akolkar renowned Journalist Sakal was Chief Guest, 20. Students are participated in this Workshop.

2) : Library Visit B. A. |Date:- 16/12/2017

3) **Activity :** Guest Lecture Org. by Deptt. Of Pali Prakrit & Dr. Ambedkar Thought.

**Topic :** "Padmshri Karmvir Dadasaheb Gaikwad yanche Ambedkari Chalvaltilil Yogdan."

**Guest :** Dr. Avinash Fulzele, HOD, Deptt. Of History Dr. Ambedkar College, Deekshabhoomi, Nagpur. Date:- 16/12/2017

### 4) **January 2018**

Date-15/01/2018 Guest Lecture on "Sustainable Development and Buddhism" Org. by Deptt. Of Pali Prakrit, Economics, History & Pol.Sci. Dr. H. M. Desarda Ex- Member of State Planning Commission. 65 students are attended this Lecture.

5) .Aptitude Text B. A. |Aug-2017

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## UNNATI

**Unnati -**

A personal Growth & Skill Development Programme started in the year 2002-2003. Our former Principal & Director for College Development, Ex-Vice Chancellor of YCMOU, Nashik Late Dr. R. Krishnakumar was the founder of this unique programme. Dr. Ambedkar College in association with Vidarbha Industries Association conducts this training programme for six months. This year also we started Unnati in the month of August 2017 and concluded in the month of February 2018. It is a complete 6 month training programme. A good number of experts, professionals & entrepreneurs are the faculty members of this unique project of Dr. Ambedkar College, which is very popular training

programme amongst the students from Arts, Commerce & Science stream. The time table of this year is given below. Dr. Ambedkar College is not only focusing on academic excellence but also on allround development of personality of the students. In all 80 technical sessions were conducted. Each day session started at 9.30 am and concluded at 11.00 am. In the year 2017-18, 72 students of Arts, Commerce & Science streams participated.

**Coordinator :**

Dr. (Mrs.) PratibhaSiriya , DACN

Shri. Suresh Rathi (VIA-IIIF)

**Pilot Faculty :** Dr. Suresh Chari

Date	Topic	Faculty
26/08/17	Introduction – UNNATI	Dr. Mrs. P. M. Siriya
28/08/17	Fearless Attitude	Adv. SachinNarale
29/08/17	Shedding Inhibition	Dr. Suresh Chari
31/08/17	Know Thyself and SWOT Analysis	Mrs. JignaThakkar
01/09/17	Perception and Attitude	Dr. Atul Shringarpure
04/09/17	Shedding Inhibition	Dr. Suresh Chari
06/09/17	Body Language	Shri. Nitin Thakkar
07/09/17	Team Building	Dr. Charu Bhaheti
08/09/17	Effective Public Speaking	Javed Khan Rana
09/09/17	Effective Public Speaking	Javed Khan Rana
11/09/17	Review	Dr. Suresh Chari
12/09/17	Leadership and Qualities of a Leader	V. Murli
13/09/17	Communication Skills	Dr. Rashmi Bansal
14/09/17	Motivation	V. Murli
15/09/17	Goods and Service Tax (GST)	Shri. Abhijeet Kelkar
21/09/17	Art of Decision Making	Dr. Atul Shringarpure
23/09/17	Hello Jindagi( Stress Management/ How to play multiple roles )	Mrs. JignaThakkar
25/09/17	Goal Setting	Adv. SachinNarale



26/09/17	Etiquettes and Manners ( Including Dinning)	Mrs. Manisha Kapoor
27/09/17	Emotional Intelligence	Mrs. Anushka Karira
04/10/17	Time Management	Mrs. Manisha Kapoor
05/10/17	Career Options & Career Building	Mrs. Poonam Menaria
06/10/17	Human Relations	Dr. Sunil Patil
07/10/17	Dressing Sense	Mrs. Amrita Wankhede
20/11/17 to 16/12/17	Basics of Computer	Dr. Pankaj Nimbalkar & Dr. Avinash Hedao
18/12/17	Behavioural Management	Mrs. Amrita Wankhade
19/12/17 20/12/17 to	Creativity Group Discussion and Personal	Mrs. Amrita Wankhade
23/12/17	Interview(GD/PI)	V. Murlil
26/12/17	Out of Box Thinking	Dr. Vivek Khunkar
27/12/17	Fundamentals of Stock Market	Dr. Vivek Khunkar
28/12/17	Marketing Strategies	Dr. Ashutosh Paturkar
29/12/17	Success Stories by Students	V. Murlil
30/12/17	Women Entrepreneurship Development	Dr. Prabjyot Kaur Nayyar
02/01/18	Saving and Investment	Mrs. Neelam Bowade
03/01/18	Focus towards Success	Mrs. Vandana Sharma
04/01/18	Experience Sharing	Shri. Suhas Budhe
05/01/18	English Communication	Dr. Darshika Patil
06/01/18	English Communication	Dr. Darshika Patil
08/01/18	Panel Discussion	LEW-VIA Sachi Malik, Rita Lanjewar, Prafullata Rode, Anita Rao
09/01/18	7H of Holistic Life	Shri. Hemant Lodha
10/01/18	Future of Business and Technology	Shri. Suresh Rathi
11/01/18	Taxation in India	Mrs. Kavita Loya
12/01/18	Self Management	Shri. Ashit Sinha
13/01/18	Business/Entrepreneurship- Startup	Mr. Ambhuj Agrawal
15/01/18	Make Excellence a Habit	Shri. Girish Deodhar
16/01/18	Panel Discussion	LEW-VIA ChitraParate, Mahubala Singh, NeelamBowade, Vandana Sharma



17/01/18	English Communication	MrsRituKanojija
18/01/18	English Communication	Mr. NileshSarjare
19/01/18	English Communication	Mr. NileshSarjare
20/01/18	English Communication	Mr. ManojAndraskar
22/01/18	English Communication	Mrs. Anita Tirpude
23/01/18	English Communication	Ms. Nandita Mane
24/01/18	How to crack UPSC/MPSC Examination	Mr. Yogesh Yadav
25/01/18	Workshop on Flowers Making	Mrs. Mona Patriwar
26/01/18	English Communication	Mr. Sujit Chauhan
27/01/18	Field Visit-Bharat Plastic MIDC Hingna	Shri Shrikant Dhondrikar
03/02/18	Concluding Function of Unnati-17-18	
<p>President of the Function :Shri V. M. Gajghate Member, SmarakSamiti,          Chief Guest: Dr. Dipti Christian Principal Hislop College, Nagpur.          Guests of Honor- Shri Atul Pande, VIA President. Shri Suresh Rathi- VIA, Vice          President. Dr. Suresh Chari Pilot Faculty, Principal Dr. P. C. Pawar, Dr. Arun Joseph-          Administrative officer, DACN. Dr. Pratibha Siriya- Co-ordinator.</p>		

Unnati Concluding Function was organized on 3rd February 2018 at 11.00am in the College auditorium. The president of the function was Hon'ble Shri. V. M. Gajghate, Member, SmarakSamiti, chief guest was Hon'ble Dr. Dipti Christian, Principal, Hislop College, Nagpur. Guests of Honor were Shri. Atul Pande - President of Vidarbha Industries Association, Shri Suresh Rathi, Vice President - VIA and Dr. Suresh Chari, Pilot Faculty of Unnati, were prominently present for the function and addressed the gathering. Principal Dr. P. C. Pawar welcomed the guests and delivered his welcome address. On this occasion all the esteemed guest faculty members were felicitated by presenting a memento and bouquet. On behalf of all the participants of Unnati Mr. Preet Kamble gave the feedback of Unnati Training Programme. On behalf of all the faculty members of Unnati Dr. Atul Shringarpure gave the feedback of Unnati and shared the experiences during the training sessions. Principal Dr. P.C. Pawar welcomed the guests. All the guests of honour expressed their views and appreciated

the training programme. President of the function Shri. V. M. Gajghate and chief guest Hon'ble Dr. Dipti Christian Principal, Hislop College, Nagpur enlightened the august gathering and appreciated the efforts taken by the Dr. Ambedkar College and coordinator Dr. Mrs. Pratibha Siriya, pilot faculty Dr. Suresh Chari and VIA vice president Shri Suresh Rathi. Certificates were distributed to all the participants of Unnati. Mr. Vedant Darbhe from BCA department gave the introduction of Hon'ble chief guest of the function Dr. Dipti Christian. The proceedings were conducted by coordinator Dr. (Mrs) Pratibha Siriya and participants of Unnati - Mr. Shreyash Kale, Ms. Kanchan Karda, Ms. Priyanka Samantasinghar and vote of thanks proposed by Ms. Pragati Warghat. Unnati concluding function was concluded with National Anthem.

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## E D CELL

### **"Earn While You Learn" Project of Entrepreneurship Development Cell of Dr. Ambedkar College, Nagpur**

Dr. Ambedkar College has 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 7th January, 2018 to 24th August, 2018 in collaboration with M.C.E.D., Nagpur. In all 30 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.

Practical demonstration was given on the preparation of decorative candles, detergent powder, liquid soap, white phenyl, perfumes, bakery products – cakes, chocolates, café coffee making, artificial flower making, real flower arrangements, decorative articles used in festivals and celebrations, artifacts, fabric painting, jewelry making, make-up and hairstyle etc. Guidance for Tours and travels business and photography business, digital marketing was also given. The students were explained in detail about investment required, planning of the business by market survey and profit range for respective businesses. The students sincerely attended and enjoyed the training program.

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## NATIONAL CADET CORPS

I am very happy to present Annual Report of National Cadet Corps (NCC), 20 Mah Bn, Dr. Ambedkar College, Deekshabhoomi, Nagpur of the year 2017-18. The credit of NCC Activities goes to Shree.Sadanandaji Fulzele Saheb, Secretary, Param Pujya Dr.Babasaheb Ambedkar Smarak Samitee, Deeksha Bhoomi, Dr. Mrs. K. M. Reddy, Director, College Development Cell and Dr. P. C. Pawar, Principal of the college who provides all encouragement and promotes NCC cadets in the institution.

At present, NCC army unit has granted a unit of 107 cadets comprises both senior division cadets (SD- Boys) and senior wing cadets (SW-Girls).Total number of SD [boys] cadets are 57 and SW [girls] are 50.

### Activities of the Year 2017-2018

Orientation programme was conducted for the new students. The motto of the programme was to provide information about various activities and programme of NCC which drives for the year 2017-18.

- All NCC Cadets were participated in the celebration of "Third International Yoga Day" in college campus on 21st June 2017.
- In collaboration with NCC unit 'International Yoga Day' was celebrated in Dhanwate National College Ground on 21st June 2017. Lt. Col. N.R. Bhide was chief guest. All NCC cadets of DACN were participated.
- Kargil Vijay Divas was celebrated on 26th July and the rally was arranged from Deeksha Bhoomi to Lokmat Square, Nagpur to pay homage to our Jawans. Dr. P.C. Pawar, Principal, Dr. A.S. Joseph, AO,

DACN, Lt. Sujit Chavhan, ANO and Mr. V.J. Sidam along with all NCC cadets were participated.

- Interview was held on first week of July for the selection of proper NCC cadets by Lt. Sujit S. Chavhan, Associate NCC Officer. Physical test was also taken in the college ground.
- DACN, 20 Mah Bn, NCC unit organized 'Tree Plantation Programme' in college campus on the occasion of NCC foundation day.
- Blood Donation Camp was conducted on 9th August 2017.
- Campus cleaning drive was undertaken on the celebration of 71th Independent Day in the college campus.
- In collaboration with Govt. Blood Bank Medical College, Nagpur, NCC unit organised blood donation camp on 6th October 2017.
- Tent decoration, Line Area and Welcome to Member of NAAC Committee was also done by NCC Cadets.
- In collaboration with NCC unit, Tree Plantation Programme was celebrated in Rajbhavan, Sadar, and Nagpur.1000 tree was planted in the premises of Rajbhavan. Commanding Officer, All PI Staff and ANO'S from various institutions were present.
- Poster competition on the topic of Clean India Mission was held on behalf of 20 Mah BN, NCC.



• 10 NCC Cadets with LT. Sujit Chavhan, ANO NCC was attended guest lecture held on 8th Dec 2017 at Chitnis Park on the topic of "Surgical Strike". LT. Gen. D.S.Hooda, PVSM, UYSM, AVSM, VSM and Commanding in- chief of the Indian officer were speaker.

- Campus cleaning drive was undertaken on the occasion of 69th Republic Day and the whole function of Republic Day was conducted by the NCC Unit.
- All SD [boys]=12 + SW [girls]=28 faced 'B' Certificate examination held on 10th and 11th Feb 2018 and SD [boys]=23 + SW [girls]=03 faced 'C' Cert examination held on 17th and 18th Feb 2018 under the guidance of LT.Sujit Chavhan, ANO NCC.
- All cadets of NCC worked as Swayam Sevak for the programme of "Dhammchakra Pravartan Divas" on 30th September 2017 on the very day of Dashera. All NCC cadets co-ordinated with Nagpur Police in public service. Special efforts were taken to guide the visitors for travel needs, food zones, and book stalls, places of interest in and around Nagpur city.
- 10 SD were participated in Archery Competition and Crossbow conducted on 28th Dec 2017 in University Ground, Ravi Nagar, and Nagpur.
- All NCC Cadets celebrated 'The Constitution Day' on 26th Nov 2017 in college campus. The Principal of college Dr. P.C. Pawar made all the students pledge for the unity, integrity and development of our country.
- Campus cleaning drive was undertaken on

the occasion of 69th 'Republic Day', Human Pyramid and Ten Contingent Parade was also presented by NCC cadets.

- The concluding function i.e. Farewell Function was conducted on 11th March 2018 in auditorium. The chief guest was LT.Col. N.R. Bhide, Commanding Officer, 20 Mah, Bn, Nagpur, Dr. A. S. Joseph, Administrative Officer, Subedar Major Trilok Singh, LT.Sujit Chavhan, ANO, Mr.Vikas Sidam, and Hawaldar Gore were present.
- 10 SD Cadets were attended the Felicitation of Smt.Jyotiprakash Nirala Veerpatani of CPL Jyotiprakash Nirala {Ashokchakara} in Dr.Hedgewar Hall, Reshimbag, Nagpur.

#### Achievements:-

- LT. Sujit Chavhan was felicitated as the best ANO in CATC-619 held on 12th Jan to 22th Jan 2018 at Heti Surla, Saoner.
- LT. Sujit Chavhan was delivered a guest lecture on the topic of 'NCC: Aims and Objectives' in CATC-619 held at Heti Surla, Saoner.
- Cadet Ravi Kale was selected for 'Republic Day Parade' on 26th Jan 2018 at Rajpath, Delhi.
- SUO Aniket Bhalshankar was selected as the best NCC cadet of the Year in college. He is awarded by cash Rs.1000. He was participated in National Integration Camp, Rajkot, TSC- Saoner, Pre-RDC I, II and III-Saoner. CATC- Wardha and CATC- MLA Hostel, Nagpur.



• SUD Manish Singh was participated in NIC Rajkot, Gujarat and stood best NCC Cadet of the India. He was also attended TSC-IGC-Amravati, Pre- RDC Saoner.

- SUD Priya Singh from SW was attended NIC Rajkot, Gujarat and TSC-IGC- Pune.
- JUO Pranali Patil was Attended NIC Rajkot, Gujarat, Basic Leadership Camp, and Kolhapur.
- Pilot Shrikrushna Wankhede was participated in NIC Rajkot, Gujarat, CATC-MLA Hostel, Nagpur, Pre- RDC- I, II and III- Saoner and Army Attachment Camp in Pune.
- Sargent Chetan Bagde and CQMS Akash Deshmukh both were Attended CATC-MLA Hostel, Nagpur, and TSC- Saoner. They both provided service as a Drum Master in NCC for three year.
- CHM Atul Bagde was participated in TSC-MLA Hostel, Nagpur and TSC- Saoner.
- Cadet Pooja Kodwate was participated in TSC- MLA Hostel, Nagpur and Army Attachment Camp in Pune.
- Cadet Vicky Dhurve was participated in TSC- Amravati, Army Attachment Camp in Pune and CATC in Heti Surla, Saoner.
- Cadet Amol Channe was participated CATC in MLA Hostel, Nagpur and CATC in Heti Surla, Saoner.
- Cadet Lokesh Ilorkar was participated CATC in MLA Hostel, Nagpur and CATC in Heti Surla, Saoner.
- Cadet Yogesh Ahire was participated in CATC at MLA Hostel, in Nagpur, Pre- RDC- Saoner and TSC- Saoner.

- Cadet Ravi Kale was felicitated at the hands of Dr.P.C.Pawar,Principal & Dr.Pallavi Chopade, Vice Principal and Lt. Sujit Chavhan ,Associate NCC Officer for attending Republic Day Parade' Rajpath, Delhi.
- SUD Manish Singh was felicitated at the hands of Group Captain VS Rana, Group Commander, NCC group Nagpur for standing best NCC cadets of the India in NIC Rajkot, Gujrat.

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## STUDENTS' GRIEVANCES/REDRESSAL CELL

The college has student's Grievance Redressal Cell, a very special unit which takes care of all the student's 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 :A

- 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 the Air grievances/problems freely and frankly without any fear of being victimized.
- Suggestion Boxes are installed at various places in the college building like in the Administrative Block, Library, academic building etc. in which the students, who wants 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 each other.
- Advising all the students to refrain from inciting students from other students, teachers and college administration.
- Advising all staffs to be affectionate to the students and not to behave in a vindictive manner towards any of them for a reason.
- Ragging in any form is strictly prohibited in and outside the institution.

### The Members of the cell are as follows :

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

### Activities :

The first meeting was held with Dr. P.C. Pawar (Principal, Dr. Ambedkar College) in which plan of action was chalked out. It was as follows:

- To conduct open house program for all students
- To visit every classes regularly and interact with the students and get their grievances.
- To put suggestion boxes at different places and to open them at regular intervals.
- 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 to get grievances/suggestions online.
- To prepare feedback format for the grievances of the students.

### Thus according to plan :

- Open house program for the students of all the faculties was conducted on 6 October 2017 at 11:00 a.m. in the college hall. Mrs. B.A. Mehere gave introductory remark and aims and objectives of the cell.



Principal Dr. P.C. Pawar guided the students and asked their grievances they face in the college. Students expressed their problems, grievances about in conveniences in official wok, library and other. Principal Dr. P.C. Pawar assured them to resolve their problems. Large no. of students attended the program, Dr. Babu Shende compered the program while Mrs. Ujwala Yadgire proposed vote of thanks.

- Members regularly visited the classes and interacted with the students to get their grievances.
- Notices were circulated in the classes and displayed on the notice board.
- Suggestion boxes were opened regularly.
- Website was created for the student's grievance cell and received grievances / suggestions from online.
- Feedback format for the grievances of the students was prepared and received their feedbacks.
- 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 2017-2018, the grievances were as follows:

- To provide internet facility to the students in library.
- To repair and keep in working condition the OHPs in the classes.
- Teachers should conduct their classes in the rooms specified in the time-table only.
- To keep college dress code.

- To keep girls common room clean.
- To keep classroom clean.
- Personal problems.

#### Grievances resolved:

- Internet facility is provided.
- OHPs are repaired.
- Teachers are informed to conduct their classes in the rooms specified in the time-table only.
- Suggestions about dress code were not considered.
- Girls' common room was kept clean.
- Classrooms were kept clean.
- 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.

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## WOMEN DEVELOPMENT CELL

### **SEMINAR ON : Constitutional Rights of Women at Deekshabhoomi on the Eve of Dhammachakra pravartan Din - 29th September 2017**

Women Development Cell organised seminar on the topic "Constitutional Rights of Women" in collaboration with Parampoojya Dr. Babasaheb Ambedkar Samarak Samithi, Deekshabhoomi and Mahila Dhamma Sanyojan Samiti, Nagpur on 29th September 2017 on the occasion of 61st Dhammachakra Pravartan Din. The president of the seminar was Dr. Kamaltai Gavai, President Educational society, Dariyapur, Amravati in her address she focused on importance of constitutional rights of women all women fraternity must be aware of every constitutional right of women.

Another guest speaker Mrs. Rekhtai Khobragade, president of Mahila Dhamma Samiti addressed the gathering. She spoke about importance of preamble reading of the constitution. The inaugural function was compeered by Dr. Takshasila Waghdhare Secretary of the Samiti and Dr. B. A. Mehere proposed the vote of thanks.

Huge number of girl students and women participated enthusiastically in the seminar.

### **International Women's Day Celebration : 8th March 2018**

The Program "Celebration of International Women's Day" was held on 8th March 2018 at 11:00 am at seminar room no. 1. The program was organised by women development cell of the college. The program began with garlanding the portraits of Lord Gautam Buddha, Dr. Babasaheb Ambedkar, savitribai fule and lighting the candles. Dr. Pallavi Chopade (Wise Principal of college),

Guest speaker Ms. S. N. Shah (Deputy Registrar, High Court, Nagpur), Dr. B. A. Mehere (Coordinator of Women Development Cell) shared the dais. Dignitaries were welcomed by offering bouquets. Dr. B. A. Mehere delivered welcome address. Dr. Sandhya Kalamdhad introduced the guest speaker. Ms. S. N. Shah delivered a talk on the topic "Rights of Women". She acknowledged the audience about the rights women have with different examples. She also said that it's not only the responsibility of government but also of each and every Indian to follow the rules made for Women Empowerment. The talk was very inspiring and informative. Dr. Sandhya Kalamdhad compeered the program and proposed the vote of thanks. Dr. Pradnya Bhelva, Dr. Varsha Kawade, members of Women Development Cell worked hard for the success of the program. Large number of students and staff attended the program enthusiastically.

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## HRD CELL

A five day Lecture Series was organized by the HRD Cell of Dr. Ambedkar College, Deeksha Bhoomi, Nagpur from **2nd April, 2018 to 6th April, 2018** to satiate the mental appetite of its staff members. Renowned HR Trainers from the city were invited to deliver talks on topics like:

1. "Neurolinguistic Programming" by **Dr. Rashmi Bansal.**
2. "Interpersonal Skills" by **Mrs. Manisha Kapoor.**
3. "Teachers' Personality and Classroom Delivery" by **Dr. Mujahid Siddiqui.**
4. "Bone Health in the Current Scenario" by **Dr. Prashant Rathi.**
5. "Effectiveness Redefined" by **Dr. Ashutosh Paturkar.**

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 coordinated the lecture series effectively. She was helped by Dr. Shailesh Bahadure, Dr. Mrs. P. M. Siriya,, Dr. Mrs. Dhanashree Borikar, Dr. Aarti Wazalwar, , Ms. Priti Singh, Ms. Anita Tirpude and Mr Manoj Andraskar.

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## NSS

### 1. 21st June 2017: Yoga Din

NSS Department of the college has organised" Yoga Day "Program on the occasion of International Yoga Day in the college auditorium.

Dr. P. C. Pawar, Principal , Dr. V. M. Shivankar NSS Program officer, Dr. A. P. Joshi, Vice Principal & Director of Physical Education , Dr. Deepak Borkar, DR. Bhelwa Madam , Porf. V. J. Sidam ,Program Officer ,Prof. Sujit Chyhan and large number of NSS volunteers were present. Different types of Suryanamaskar, Vajrasan ,Tadasan etc. Were performed in the program. Teaching & nonteaching staff of the college were participated in the event.

### 2. 1st July 2017: Tree Plantation Program

NSS Department of the college organised tree plantation drive in the college & Deekshabhoomi premises. NSS volunteers were participated in Large number ,in tree plantation. On this occasion Dr. P. C. Pawar Principal, Dr. A. S. Joseph ,Administrative Director, Dr. V. M. Shivankar , Prof V. J. Sidam, NSS Program Officers, and Students participated in tree plantation. Varieties of trees were planted in the college area.

### 3. 3rd August 2017 : Students Admission Meeting

Students Meeting was organised , regarding admission in the NSS unit. Dr. V. M. Shivankar , Program Officer & Prof. V. J. Sidam , guided to these students. He has given information of yearly programmes. Total 375 students were admitted in the NSS unit for this session.

### 4. 10th July 2017 : Tree Plantation awareness Rally

NSS students of the college organised Tree Plantation awareness Rally, to make awareness among the people. Principal has Showed green signal to this rally. On this occasion Dr. V. M. Shivankar, Prof. V. J. Sidam NSS Program officers and NSS volunteers participated in the Rally.

### 5. 9th August 2017 : Inauguration Of NSS Unit :

Inauguration program of NSS unit of this session was organised on 9th August. Chief Guest was Dr. Keshao Walke, Director NSS RTMNU Nagpur. He guided to the NSS students on this occasion. Principal, Dr. P. C. Pawar, has chaired the function. Dr. A.S. Joseph, was prominently present. Dr. V.M. Shivankar, Program Officer , introduce the guest and brief about previous session, Prof. V. J. Sidam proposed vote of thanks. More than three hundred NSS volunteers were present in the program.

### 6. 15th August 2017 : Independence Program

College NSS students were participated in Independence program of the college. Hon. Sadanandaji Fulzele saheb, Secretary, Smarak Samiti, was chief guest. Principal & , all college teaching and non-teaching staff ,large number NSS students were present during this Flag hosting ceremony.

### 7. 29th August 2017 : Blood Donation Camp:

Blood Donation Camp was organised by NSS Department of the college in association with Blood Bank of Super Speciality Hospital Medical college Nagpur. Near about 50 NSS students donated blood . Dr.V.M. Shivankar, NSS





Program Officer has made necessary arrangement of this event. Prof. Sidam and NSS volunteers worked hard for success of this Blood donation camp.

**8. 6th September 2017: Ganesh Visarjan :**

On the occasion of Ganesh Visarjan, NSS students of Dr. Ambedkar College were participated in the Nirmalya collection event at Sonegaon Lake. Ex Mayer Prof. Anil sole was present on this occasion. Students help to public for the visarjan of their idol in the Lake.

**9. 29th September 2017: Dhammachakra Pravartan Din:**

NSS students of the college were participated in pre arrangement of Dhammachakra parivartan day programme. They prepared Toran-Pataka in Deekshabhoomi ground. Also arranged chairs for VIP public. They also help in stage decoration . On the next day NSS students in ten different groups help devotees to entre in Sputa. Students were present from 6am upto 12 pm in the night.

**10. 26th November: Samvidhan Day:**

Samvidhan Day was celebrated in the college. On this occasion Principal of the college Dr. P. C. Pawar , Dr. V. M. Shivankar, Prof. Tirpude were present. Large numbers of NSS students were participated in the program. Dr. V. M. Shivankar gives brief about the program. Principal has given the oath to all NSS volunteers. First, Photos of Samvidhan & Dr. Babasaheb Ambedkar were garlanded by teaching staff and students.

**NSS REPORT-2017-18**

1. Study Tour at Aanandvan-Warora was organized on 19-12-2018 as a part of annual activity. This is a place where the destitute, physically challenged and

persons suffering from leprosy are rehabilitated to live a normal life. This noble venture was started by Baba Aamte several years before and now it is a globally known place. Volunteers of NSS met the inmates and got to know the patterns of rehabilitation.

2. Special Camp- Swaccha Bharat Abhiyan- The camp was organized during 17 Jan. – 23 Jan 2018 at Kotewada, Tah- Hingna, Dist: Nagpur. The major objectives of the camp were to spread awareness on Cleanliness, De-addiction, Plantation Drive, Beti Bachao-Beti Padhao, etc. Volunteers also built Baddhara (local minor dam) on the river Vena in the village. It was highly appreciated by local civic authorities and media.
3. Street-Plays were organized by volunteers on De-addiction and Importance of hygiene and cleanliness at different places on 15-19 February 2018.
4. Bike Rally on the occasion of International Women's Day was taken out by the volunteers. It was organized by Maharashtra Times, a leading Marathi Daily in Nagpur where volunteers participated with great joy. It began at St. Ursula Convent Civil Lines and was concluded at Deekshabhoomi.
5. A Farewell Programme was organized on 13th March 2018. The Chief Guest for the programme was Shri. Vilasji Gajghate, Member of the College Management. Volunteers from the final year of graduation were felicitated for their best practices and achievements in this programme.



## ECGC

The Employment and Career Guidance Cell (ECGC) has been established with a motto to benefit students from real time application value of their academics. Towards this every year ECGC makes all possible efforts to give students opportunity to prove themselves encounter with the industry more confidently and boldly. Students from various faculties are regularly given this benefit of taking a. below mentioned is the chronological set of events within this cell during 2017 and 2018.

### Chronological Events -

**December 04, 2017 (Pool Campus Drive)**

Company	IBM-Concentrix
Positions	Fresher
Eligibility Criterion	BA/ BBA/ B.Com/Bsc/MA/M. Com/MBA/ HMT all Non Technical Graduates are allowed for the drive. Candidates should have minimum 50% marks in graduation. No Current Backlog or ATKT history. For 2017 & 2018 batches
Process	SWAR online test with unique IDs for aptitude & speaking abilities); Essay writing for writing ability; vocabulary test of pronunciation by HR
Company Personnel	HR Personnel (Ms V Saraswathi, (Delhi)
College coordinators	Dr A Bodhankar, Dr DVNS Suresh, Mr S Jawkhedkar
Venue & Time	04.12.2017/ 0800 am DAIMSR Auditorium & BBA Bulding, DACN
Students/Class/Subject	>600 students
Results	184 selected from the venue BBA 39; BCA 16; BCCA 51; BCom 22; BSc 29; MBA 27

### December 19, 2017 (Pool Campus Drive)

Company	Infosys
Positions	Operation and Testing Executives
Eligibility Criterion	Any BCA, BSc-CS, -Maths, -Physics, -statistics, -IT, -Information Sc Graduate 2018 Batch
Process	Online Aptitude Test, Personal Interview and Telephonic conversation
Company Personnel	HR Personnel
College coordinators	Dr DVNS Suresh, Dr Utpal Dongare
Venue & Time	G H Raisonni Technical Campus, Nagpur, 19.12.2017, 8.30 AM
Students/Class/Subject	>200 students
Results	36 selected from the venue 02 from DACN; 1. Shreya Mitra 2. Ashwini Deshmukh



**January 04, 2018 (Update Drive)**

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Drive	AADHAR n PAN Online Update Drive
Personnel	Dr K G Rewatkar, Dr DVNS Suresh
Resource Persons	Authorized Agent
Venue & Time	ECGC DACN / 0800-1700 hrs for three days

**January 08, 2018 (Campus Drive)**

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Company	ICICI Prudential
Positions	Operation and Testing Executives
Eligibility Criterion	Any BCA, BSc-CS, -Maths, -Physics, -statistics, -IT, -Information Sc Graduate 2018 Batch
Process	Aptitude Test, Group Discussion
Personnel	HR Personnel (Ms Vishakha Patil, Mumbai)
College coordinators	Dr DVNS Suresh, Dr Utpal Dongare
Venue & Time	Mini Auditorium, DACN, 08.01.2018; 11 am
Students/Class/Subject	>80 students (Other college students also participated)
Results	21 students selected 1. Jatin Ganayta 2. Md Shadab Siddique 3. Ankush Thakur 4. Pooja Deotale 5. Gaurav Dhaberao 6. Abhishek Gajway 7. Yogesh Nikhar 8. Manthan Bisen 9. Surabhi Meshram 10. Rivesh Cherpurkar 11. Sayali Dakhole 12. Drishti Dewangan 13. Hemant Chotwani 14. Pranav Pande 15. Harshal Shriwas 16. Dyaneshwari Londhe 17. Tejas Raja 18. Vijaya Kankam 19. Simran Wasnik 20. Tejas Bhujade 21. Manish Singh

**January 30, 2017 (Campus Drive)**

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Company	CORNING Optics
Positions	Fresher as Associate
Eligibility Criterion	Any Science Graduate
Process	Profile presentation Aptitude Test, Personal Interview
Company Personnel	HR Personnel (Mr Raviraj, Pune)
College coordinators	Dr U B Dongare, Dr DVNS Suresh
Venue & Time	30.01.2017/ Room 01, DACN Campus; 1200 am
Students/Class/Subject	>45 students
Results	Test conducted and would inform later about the selections



**January 30, 2018 (Seminar)**

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Seminar	RTMNU Center for ROBOTIX
Agenda	Cloud Computing
Personnel	Dr Prakash Bhongade, Dr DVNS Suresh
Resource Persons	Mr Anil Datode, Faculty, RTMNU Robotix Dept
Venue & Time	BCA Dept, Dr Ambedkar College, Nagpur / 1200 hrs

**February 05, 2018 (Seminar)**

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Seminar	GENESIS
Agenda	IIT JAM Exam Tips and Guidelines
Personnel	Dr K G Rewatkar, Dr DVNS Suresh, Mr Utpal Dongare,
Resource Persons	Dr Mr Dani and his Faculty
Venue & Time	Mini Auditoriu, Dr Ambedkar College, Nagpur / 1100 hrs
Highlights	IIT JAM : MOCK TEST Practice

**February 07, 2018 (National Quiz Prelims CHIMERA X)**

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Workshop	CHIMERA X... National Quiz Prelim Rounds at Nagpur Center
Agenda	Indian Society For Technical Education Student's Chapter MANIT, Bhopal is organizing CHIMERA-X - The National Level Quizing Fest on the 11th of February 2018. The prelim rounds of the event will be conducted in 13 different cities including Nagpur. The tentative dates for the prelims are between 20.01.2018 to 10.02.2018.
Personnel	Dr K G Rewatkar, Dr DVNS Suresh, Mr Utpal Dongare,
Resource Persons	Mr Rahul Vaidya, The Gadget Tool, Nagpur
Venue & Time	College Auditoriu, DACN/1030 hrs On spot registration: 0930-1030
Highlights	Final Quiz at MANIT, Bhopal on 18.02.2018 65 teams participated comprising 2 in each 02 rounds of scrutiny First Paper based Gen Awareness Round Second Round based on Visual questions 10 teams selected from Nagpur for finals Ms Purva Pantawane and Ms Abhilasha Fulzele from DACN

**February 10, 2018 (Seminar)**

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Seminar	SPRUCE Clinical Academy
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Agenda	Clinical Research and Medical Coding
Personnel	Dr Utpal Dongare, Dr DVNS Suresh
Resource Persons	Mr Shende, Director and Ms Rhea
Venue & Time	Auditorium, Dr Ambedkar College, Nagpur / 1200 hrs
Highlights	More than 250 students showed interest

**February 10, 2018 (Student Interaction Session)**


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Session	IIT JAM Competitors
Agenda	Clinical Research and Medical Coding
Personnel	Dr Utpal Dongare, Dr DVNS Suresh
Resource Persons	Mr Shravani Pandey
Venue & Time	Auditorium, Dr Ambedkar College, Nagpur / 1400 hrs
Highlights	IIT JAM Entrance Awareness interaction with students

**February 15, 2017 (Campus Drive)**


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Company	HCL
Positions	Fresh Executives
Eligibility	Criterion Any Graduate
Process Profile	presentation Aptitude Test, Personal Interview
Company Personnel	HR Personnel
College coordinators	Dr DVNS Suresh
Venue & Time	MBA Building, DAIMSR, 09.02.2018, 9.00 AM
Students/Class/Subject	>10 students
Results	No Selections

**February 16, 2017 (Campus Drive)**


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Company	LnT Infotech
Positions	Fresh Executives
Eligibility Criterion	Any BSc (CS), BCA Graduate
Process	Profile presentation Aptitude Test, Personal Interview
Company Personnel	HR Personnel
College coordinators	Dr DVNS Suresh
Venue & Time	G H Raisoni Technical Campus, Nagpur, 16.02.2018, 8.30 AM
Students/Class/Subject	>10 students
Results	01 Selections (yet to receive the final name)



**February 28, 2018 (Seminar)**

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Seminar	IDP Nagpur
Agenda	Study Abroad abd opportunities for graduates
Personnel	Dr Utpal Dongare, Dr DVNS Suresh
Resource Persons	Mr Arpit, Director
Venue & Time	Mini Auditoriu, Dr Ambedkar College, Nagpur / 1300 hrs
Highlights	Modules with IDP for study abroad

**July 29, 2017 – March 04, 2018 (College Assisted Training)**

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Workshop	90 hrs training for students aspiring for IBPS/SBI PO/Clerk, SSC,
Agenda	Special training batch Staff selection commission, Railway competitive exams organized by ECGC at college assisted rates as per MoU.
Personnel	Dr X G Rewatkar, Dr DVNS Suresh, Mr Utpal Dongare,
Resource Persons	Mr Rahul Vaidya, The Gadget Tool, Nagpur
Venue & Time	ECGC Room, Dr Ambedkar College, Nagpur / 0930 hrs daily
Highlights	1.Classroom training in college 2.Printed notes 3. Online practice tests 4. Practice App download 5.Daily practice questions 6. Competitive exam alerts 7.Online form submission assistance
Batch	Started on July 29, 2017 (saturdays n sundays) 20 students batch; Finished on March 04, 2018

**March 23, 2018 (Event : Free Seminar)**

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Seminar	IDP Event : Free Seminar UPDATE
Agenda	Study in Australia: Education and Scholarship Options Available
Resource Persons	Mr Arpit, Director
Venue & Time	IDP Education India, Lotus Building, WHC Rd, Nagpur; 23.03.2018 {3-5 pm}

**March 2018 (MoU for College Assisted Training)**

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Company	SPRUCE Clinical Academy
Date of MoU	December 05, 2016EO Officer
Personnel	Dr P C Pawar Principal, DACN, Nagpur & Mr Shende Director, SPRUCE Clinical Academy
Understanding	The SPRUCE will arrange to conduct tutorial classes in the college premises for preparing or making the outgoing students of Dr Ambedkar College, Nagpur ready to appear for different clinical research courses, modules and finally help them out for the actual placements.

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## डॉ. आंबेडकर विचारधारा विभाग

दिनांक १०/०९/२०१७ ला डॉ. आंबेडकर विचारधारा विभाग तर्फे आंबेडकर विचारधारा विभागाचे उद्घाटन करण्यात आले. या प्रसंगी कार्यक्रमाचे उद्घाटन प्रा. दीपककुमार खोब्रागडे यांच्या हस्ते करण्यात आले. त्या प्रसंगी ते म्हणाले 'आंबेडकरी विचारधारा खऱ्या अर्थाने मानवी जीवन सुखकर करण्याचा मार्ग आहे. या विचारधारेने शोकडो वर्षापामून शोषित, पिढीत, बहुजनाच्या जीवनात क्रांती घडून आणली.' कार्यक्रमाचे अध्यक्ष प्रा. राहुल मून होते. या प्रसंगी प्रा. शंकर चांदेकर, प्रा. विकास सिडाम, व अनेक प्राध्यापकवृंद आणि मोठ्या संख्येने विद्यार्थी उपस्थित होते.

दिनांक २९/१२/२०१७ ला डॉ. आंबेडकर विचारधारा विभाग तर्फे कर्मवीर दादासाहेब गापकवाड यांच्या स्मृती प्रित्वार्थ व्याख्याने आयोजन करण्यात आले. प्रमुख वक्ते प्रा. डॉ. अविनाश फुलझेले यांनी या प्रसंगी आपले मत व्यक्त करतांना म्हणाले, 'डॉ. बाबासाहेब आंबेडकरांची खरी चळवळ त्यांनी पुढे नेण्याचे कार्य केले. सामाजिक, राजकीय व धार्मिक कार्यातून मूळगामी परिवर्तन या देशात त्यांनी घडून आणले.' कार्यक्रमाचे अध्यक्ष प्रा. राहुल मून होते. प्रा. डॉ. मोहन बानखेडे, प्रा. शंकर चांदेकर आदि, महाविद्यालयातील प्राध्यापकवृंद आणि मोठ्या संख्येने विद्यार्थी उपस्थित होते.

दिनांक ०७/०२/२०१७ ला डॉ. आंबेडकर विचारधारा विभाग तर्फे मातोश्री रमाई जयंती साजरी करण्यात आली. या कार्यक्रमाच्या अध्यक्ष महाविद्यालयाच्या उपप्राचार्य डॉ. पद्मवी चोपडे म्हणाल्या, 'माय रमाईच्या जीवनातील संघर्ष मानव मुक्तीचा संघर्ष होता. तो प्रत्येक स्त्री-पुरुषाने समजून घेणे गरजेचे आहे.' या प्रसंगी प्रमुख वक्ते प्रा. डॉ. मोहन बानखेडे म्हणाले, प्रा. चौरपगार, प्रा. एस. आर. चांदेकर आदि, महाविद्यालयातील प्राध्यापकवृंद आणि मोठ्या संख्येने विद्यार्थी उपस्थित होते.

दिनांक २७/०३/२०१७ ला डॉ. आंबेडकर विचारधारा विभाग तर्फे ज्येष्ठ आंबेडकरी विचारवंत प्रा. डॉ. गंगाधर पानतावणे यांच्या निवर्तण निमित्त भावपूर्ण श्रद्धांजली, आदरांजली, विचारांजली अर्पण करण्यात आली. या प्रसंगी प्रा. दीपककुमार खोब्रागडे म्हणाले, 'निग्री साहित्याची चळवळ व दलित साहित्याची चळवळ यांचे नाते जोडणारे डॉ. गंगाधर पानतावणे होते. त्यांचे अस्मितादर्श त्रैमासिक शोषित पिढीत व वंचितांच्या लाठ्याची स्मारके आहेत.' प्रा. राहुल मून म्हणाले, 'नागपूरीत जन्मलेले डॉ. गंगाधर पानतावणे शोषितांमध्ये बाबासाहेबांचे विचार पेरणारे कार्यकर्ते होते.' प्रा. एस. आर. चांदेकर म्हणाले, 'दलित, पिढीत, शोषितांचा खरा अभ्यासक आज काळाच्या पडद्या आड गेला. ते नुसते अभ्यासक नव्हते तर शोषण व्यवस्था जडवून पाहणारे व भोगणारे होते. त्यांच्या साहित्य वा समीक्षणे माणसाला उर्जा देणारी होती. आंबेडकरी जनचेतना पोहचविणारे खरे जागतिक क्रांतीचे नायक होते. त्यांच्या साहित्यातून ही चेतना मिळत राहिल व समतेचा संवैधानिक लढा शिखर गाठेल हिच खरी मानवंदना।' या प्रसंगी अनेक महाविद्यालयातील प्राध्यापकवृंद आणि मोठ्या संख्येने विद्यार्थी उपस्थित होते.

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# **ENGLISH SECTION**





## Why is Kashmir Still Simmering ?

Priyanka Nagpure  
B.Sc III Year, (Biotech)

It's 70 years since the first shots were fired in the still unresolved conflict over the status of Kashmir. The dispute is a legacy of the partition that accompanied Britain's withdrawal from India in 1947. Both India and Pakistan claim the region, and both are now equipped with nuclear arsenals. Since 1947, they have fought four wars-the most recent being the Kargil conflict in 1999- of which three have been fought principally in or about Kashmir.

Under the terms by which Britain brought an end to the Raj, it was up to princely rulers to decide whether to accede to India or Pakistan. Kashmir was one of the few princely states adjoining both new dominions where there was a real decision to be made.

The state is in the far north of India, stretching into the foothills of the Himalayas. In 1947 its Maharaja was a Hindu but more than three-quarters of his subjects were Muslims. He delayed signing up to either India or Pakistan, hoping that he might be able to achieve independence. But in October 1947, the princely state was invaded by fighters from the tribal areas in North-West Pakistan. They wanted to overthrow the Maharajah and claim Kashmir for Pakistan and were motivated by both jihad and the prospect of loot. They received support, including transport and weapons from sections of Pakistan's armed forces.

The Maharajah appealed for Indian support in repulsing the tribesmen and fled from Shrinagar to the heart land of Jammu. He also signed the instrument of accession by which the state became part of India. The official Indian

account says this document was signed the day before troops landed in Kashmir, much of the evidence suggests it was signed a five hours after the airlift started.

### Step Forward, Step Back :

When General Pervez Musharraf was in power in Pakistan from 2001 to 2008 progress was made towards a deal over Kashmir. The Pakistani leader greatly reduced support for insurgent groups and proposed that the ceasefire line should become a permeable border, along with steps towards greater autonomy and the withdrawal of troops. India was receptive, but the movement was lost when Musharraf resigned from office in 2008.

While the Kashmir conflict is often seen as a dispute between India and Pakistan there is another dimension to it. While Hindu-Majority Jammu is more comfortable with Indian rule, the Indian authorities and the people of the Kashmir valley are still at a stand-off. Although there's an elected state government, separatists don't contest the elections.

While India's repeated interventions means that many Kashmiris feel they have little say in how they are governed.

The large military presence in the Kashmir Valley, along with alleged human rights abuses has stirred disaffection. In 2010, thousands of young Kashmiris took to the streets to protest against Indian rule. They threw stones while the security forces responded with pellet guns and bullets.

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## Current Affairs in India

Priyanka Naggure  
B.Sc III Year, (Biotech)

Over the last few years, especially since Narendra Modi-led Government came to power at the centre in May 2014, one can observe a remarkable shift in the federal relations between the centre and states. The change is visible in all the essential aspects of the relations like the division of expenditure responsibilities, fiscal assignment and intergovernmental transfer arrangements and seeks to grant more financial autonomy to the state. To accelerate the change further, new institutions like NITI Aayog was set up and the GST Council was formed. It is pertinent to understand some of the key measures in relation to fiscal federal relations and their impact on the centre-state fiscal relations. They are as given below.

### 1) **Goods and Service Tax :**

The goods and service tax on GST was rolled out across the country on 1 July 2017. The GST subsumes majority of the indirect Taxes-excise, service, sale tax, octroi, etc-to create, 'One Nation, One Market'. To sort out issues related to its implementation, the GST council was formed as a constitutional body involving the centre and the states. Since the council decides the CGST and SGST rates. It ensures that the states are significant decision partners in nation-level macro-economic engagement.

### **Impact of automation of employment opportunities in India-Analysis:**

### 2) **NITI Aayog:**

on 1 January 2015 NITI Aayog was set up as

a think tank for providing policy inputs to the government on developmental matters. Unlike its predecessor planning commission, the NITI Aayog was built on the spirit of 'Team India' by accommodating states. It consists of Chief Ministers of all states. The involvement of states Governments in the decision making ensures that economic and social planning in the country is decentralized and represent the aspirations of citizen in a better way. The NITI Aayog also reduces the discriminatory tendencies of the centre in allocation of resources to the states on a partisan basis.

### 3) **14<sup>th</sup> Finance Commission :**

The recommendations of the fourteen<sup>th</sup> Finance Commission were accepted by the Modi Government for the period 2015-20. During the 5 year period, the devolution of tax receipts from the centre to the states at the rate of 42 percent, which is an increase of 10 percent compared to the rate suggested by the 13<sup>th</sup> FC.

### 4) **Restructuring of Central Sponsored Schemes :**

Starting from the Fy-2016-17, the schemes of centrally sponsored schemes (CSS) have been reduced from 66 to 28 umbrella schemes. The reduction in the number of schemes couples with the increase in devolution of resources by the recent finance commission, reduces the dependency of states on the centre. It also facilitates the State Governments in designing schemes as per their needs.



- 5) **Allowing State Entities to Borrow Directly from ODA Partners:** In April 2017, the union Cabinet gave nod to financially sound state government entities to borrow directly from the bilateral official Development Assistance (ODA) partners, like JICA for implementation of vital infrastructure projects. The guidelines will allowed the state government entities to get funding for big projects directly and therefore states spending on welfare schemes will not be affected and depend on the centre for viability gap funding (VGF).

6. **Role of State Government in Improving External Relations:**

Over the last few years, the centre has been encouraging the state to advance bilateral relations, for instance during the visit of Modi to China in May 2016. Indian states and Chinese provinces agreed to established a state leaders forum.

**Conclusion :**

In India the market economy has been fast replacing the centralized command economy of the Nehruvian and the Indira Gandhi eras. In a market economy, the role of the governments at all levels is of pivotal importance as they have to design and implement policies and programmes.

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## Amazing Facts

Himani

BSC III Year, (Biotech.)

1. The average person can live 11 days without water.
2. Intelligent people have more zinc and copper in their hair.
3. Bats always turn left when exiting a cave.
4. When hippos are upset, their sweat turns red.
5. Google is actually the common name for a number with a million zero.
6. Human thigh bones are stronger than concrete.
7. Honeybees have hair on their eyes.
8. Goldfish do not have a stomach.
9. Venus is the only planet that rotates clockwise.
10. Snails have nearly 25000 teeth.
11. Humming birds are the only birds that can fly backwards.
12. Our body's weakest time is during 3.00 am - 4.00 am most people die in their sleep.
13. Insects don't feel pain because they don't have nociceptors-receptors for pain.
14. The smallest fruit is utricle.
15. The fastest human sense is hearing.

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## Unemployment and Underemployment

Smiti Sarkar  
XI C (Science)

The importance of literacy has been realized indeed very deeply by the Government and the people of India. People are the wealth of a country but the illiterate people are a burden to the country as they are no human resource which can work for the upliftment of the masses. Though it is generally the illiterate who are mostly unemployed, thousands and thousands of well-educated young men and women roam from pillar to post seeking a good job. It is a pathetic scene to witness nowadays. Education has always been considered to be a passport to a job, but this is proving false nowadays. The unemployment problem is ever on the rise as the jobs available are quite disproportionate to the large number of educated youths employable.

Economically speaking, there are kinds of unemployment too. Hidden unemployment, disguised unemployment, seasonal unemployment underemployment, to name a few. Underemployment is a serious issue nowadays in many parts of the country. Is it not very sad that a person holding an M.Com degree works as a security guard at a shopping mall or a person holding a B.E. degree working as a salesman, roaming around every society of the city? This is a sheer underestimation and insult of his/her educational qualification. Most people fail to get good jobs with good pay and end-up reconciling oneself with what one get's this is sad but true.

More and more educational institutes, especially medical and engineering colleges, spring up every year, every where. The private engineering and medical colleges demand from the aspiring candidates a hefty amount for admission. Most of the candidates are able to pay

the amount getting it by hook or by crook. Each year thousands of graduates from these institutes are turned out and they are jobless. Students who secure high marks are preferred by hospitals and companies. Those who have not fared well in examinations struggle for jobs and ultimately land in petty jobs with a meager salary. Thus the mushrooming of higher educational institutions should be checked and kept at bay to solve the growing unemployment problem.

Many, many youngsters, frustrated without getting a good job start a small business and try to expand it up. But one should have enough capital, manpower and business acumen to run a business successfully. Thus though there are many such businesses which are successful, there are many who have failed to accomplish what they wished too. Thus engineers and small-business seekers are the worst sufferers in the trap of unemployment and underemployment. And what results is netizens creating and sharing memes on engineers and doctors all around social media. This is disheartening.

Many of the youngsters are found to be lazy, be it youngsters from a city or a village. They are found working in shops and agriculture fields, even when fit and fine and of course, when well-educated. They work as suppliers in hotels and sales assistants in grocery shops. What they, do not understand that wealth of a nation is its people and each citizen of a nation should earn well to make up for a nation's total wealth. This increases the per-capita income of a nation.

People of villages are seasonally unemployed, that is, they do have work for some months but are left jobless as the field work's done. This can be tackled by the villagers itself by



indulging in some non-farming activity for the rest of the year. This is successfully performed in many villages around India, but many don't come up with such ideas as a result of which they remain jobless for a few months of the year.

So, what can we as citizens of India do? The answer is quite simple. We should promote cottage and small scale industries with cooperation of people of a locality. We should promote non-agricultural activities which be sought-after by the villagers when not farming. Looking at today's scenario we find no one who aspires to spread information and knowledge to others, that is; to become teachers. We should do that if we like to interact with people. Village people can seek jobs in urban areas so as to sustain their families and responsible persons.

All in all, youngsters should follow the path less travelled, if they wish to explore the various opportunities awaiting them and do not participate in the rat race that the public usually goes for. Often, many jobs go unnoticed as youngsters run around for what everyone seeks, which probably is the root cause of unemployment. This is believed to kill the creativity of a person who, if given a chance, can prove to people his/her talents and uniqueness. Often this leaves many youngsters depressed which is certainly not required and should be stopped.

So, the moral of the lesson becomes simple "we should be job creators than job seekers." This would definitely help 'eradicating problems with ease and creativity.'

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## A Deadly Deep Sea Dive

Prajna Jandial  
XII 'A'

The juice box : ten bucks worth a refreshment that seems, like heaven after a very hot day, the angelic nectar is actually not as amazing as it can make someone feel. It hides a devil within the plastic straw. A very deceiving item, even though it potentially seems to be harmless it can cause more damage than we realize.

These little beasts end up in land fills and oceans and then find their way back to our dining table. As it is commonly known, plastic does not decompose easily, so it is safe to say every non biodegradable polymer that was ever manufactured is still somewhere out there.

Scientists have found that in oceans due to exposure to sun, rain and other environmental conditions plastic releases toxic chemical like bisphenol A. It even breaks down into smaller

fragments, invisible to the naked eye. These microplastics are consumed by aquatic species like fishes, and consumers of sea food indirectly end up eating these deadly toxins. Sea turtles confuse plastic bags for jelly fish and end up with an obstructed oesophagus which has now become a common cause of their death. Much larger victims of plastics are whales, which have been found with high concentrations of plastic in their stomachs.

Plastic pollution dictates our future, the health of our oceans and biodiversity. Only after becoming aware about the effect of every plastic article we use, can we minimize this use, and inspire others to collectively save our environment from plastic. Hence saying, 'NO' to a straw or a polythene bag is a blessing to our blue planet.

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## Life

Priya S. Bahadure  
B.A. III Year

Have you ever thought about what is life ? What does life mean ? If no, then do one thing. For a minute walk outside stand there in silence look up at the sky and observe, think about your existence. And it will help you to know about your own self and your life.

'Birth' is the most precious gift one can ever have. Everyone has a purpose of life. We need to find out that purpose. If we are able enough to find that purpose only then our life will become valuable. To find that purpose first we should find out ourselves.

We always hear that life is all about luck, fortune, destiny. But remember, LUCK is only for the LAZY. We could only know the importance of life when it has struggle within it. Our comfortzone is our enemy. It is the biggest obstacle of our lives. Our comfort zone only shows us the face of failure.

To avoid mistakes we should have discipline in our lives. If you don't have discipline, you can forget about the trophy, you can forget about success. All champions have discipline. Remember, life doesn't give you what you want, it gives you what you deserve and if you haven't worked for it, if you haven't sacrificed for it, if you haven't given your all then you don't deserve it. Life does not happen by itself we need to make it happen.

Live your life with your choices. Make mistakes learn from them, try to improve yourself. Don't prove anything to anyone. Put efforts on yourself not for being PERFECT but for being 'HUMAN'. Nothing can stop you if you don't stop for anything. Don't say why the pain, don't say why me say by me.

Having faith in yourself is an art in itself. Happiness can be found even in the darkest of times, if one only remembers to turn on the light.

Don't find a hero, become one. No one can help you better than you.

Where there is LOVE there is LIFE. Love isn't something you find 'Love is something that finds you'. Love is not only something you feel, it is something you do, fill your life with love. Only love can heal the wounds of your life.

Life can't be described by only one or two words. It is the mixture of everything. The mixture of happiness and sadness, success and failure, comfort and pain, encouragement and frustration love and hatred, relief and sorrow, struggle and giving up.

'Life is a series of thousands of tiny miracles. Just notice them.

Life is all about Living intensely by Fulfilling your Emotions.'

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## Take Time

Take time to WORK,  
it is the price of success.  
Take time to MEDITATE,  
it is the price of power  
Take time to PLAY,  
it is the secret to Perpetual Youth  
Take time to READ,  
it is the way to knowledge.  
Take time to be FRIENDLY,  
it is the road to happiness.  
Take time to LOVE,  
it is the music of the Soul.  
Most importantly,  
Take time to love and be loved.

- Nikita Patle



## Reservation System in India : Concept, Arguments and Conclusions

Aakash Ravikant Likhra  
B.Sc. (Biotechnology) Sem II

Reservation in common terms refers to an act of reserving keeping back or withholding. Reservation in Indian law is a form of affirmative action where by a percentage of seats are reserved in the public sector units, union and state civil services, union and state government departments and in all public and private educational institutes, except in the religious/linguistic minority educational institutions for the socially and educationally backward communities and the scheduled castes and tribes who are inadequately represented in these services and institutions. The reservation policy is also extended for the Scheduled castes and scheduled tribes for representation in the Parliament of India.

The underlying theory for the provision of reservation by the state is the under-representation of the identifiable groups as a legacy of the Indian caste system. After India gained independence, the constitution of India listed some erstwhile groups as scheduled castes (SC) and scheduled Tribes (ST). The framers of the Constitution believed that due, to the caste system, SCs and STs were historically oppressed and denied respect and equal opportunity in Indian society and were thus under-represented in nation-building activities.

The constitution laid down 15% and 7.5% of vacancies to government aided educational institutes and for jobs in the government public sector, as reserved quota for the SC and ST candidates respectively for a period of five years, after which the situation was to be reviewed. After introducing the provision for reservation

once, it got related to vote bank politics and the Indian Parliament routinely extended this period, without any free and fair revisions. Later reservations were introduced for other sections as well. But in India Reservation is a political necessity. Reservations have only slowed down the process of, "Forward becoming richer and backward becoming poorer."

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### Birth

Let's come.  
In this world  
Let spread  
Your wings, o bird

Thou shining eyes  
keeps all views  
the weaving hopes  
spread the dews,

The burning sun  
Will always sway,  
This large horizon,  
give you the way,

It's a blossoming world,  
It's nature, this world,  
O Flying bird,  
Make beautiful your birth.

- Pranali Prakash Meshram  
B.A. III V Sem



## Do Earthquakes Occur On The Moon ?

Durgeshwari Bisen

B.Sc V Semester, (Biotechnology)

Yes, Earthquakes occur on the moon, they are called moonquakes. The largest moonquakes are less severe than the largest earthquakes. Between 1969 and 1972 Seismic activity on the moon has been measured by four seismometers that were placed by astronauts of the Apollo Mission. Until the moonquakes were switched off in 1977, the sensors transmitted evidence of more than 12,000 moonquakes.

Moonquakes caused by the movement of tectonic plates, that is why it differ from earthquakes. NASA categorizes them into four types : thermal moonquakes, deep moonquakes, meteorite impact and shallow moonquakes.

Thermal moonquakes are caused due to the great temperature differences during night and day. Mild moonquakes are also caused by

meteors crashing onto the surface. Deep moonquakes occur 700 km below the lunar surface on a regular basis about every 27 days. Scientists believe that they are caused by Earth's tidal pulls. The shallow moonquakes are 5.5 on the Richter scale. The quakes can last up to ten minutes. (earthquakes last less than a minute) and the vibration can continue for several hours thereafter. Scientist postulate that these moonquakes last long due to the absence of water. As there is no water to deaden the vibration, the dry moon vibrates like a tuning fork.

Between 1972 and 1977, 28 shallow moonquakes and 7000 deep moonquakes were detected. It is surmised that quakes occur on then celestial bodies too though there is no proof.

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## Success

Nikita Bhagwat Patle

B.Sc II Year (III<sup>rd</sup> Sem)- CB2 Group

You can't define exactly the meaning of success. It you ask any one about success he or she will tell you according to his own experience in respect of success. But you must think about others while talking about success.

Success means not only in respect of career but also in respect of one's whole life. You may find the person who is successful in his career but not in his own life.

If you want to be a successful person in your life. You must possess the following characteristics.

1. First you must have strong will power if you have strong will power your morale will not be let down due to some failure.

2. You must have confidence but not over confidence.
3. Positive approach.
4. Killing instinct.

If you have these qualities no one can stop you from being a successful person in your life. Also you must remember "Try again and again.... till you get the success". Winner never quits quitter never wins.

It's all about success. So my friends always remember failure and success are the two parts of life. Make winning a habit and make the failure as your steps towards the success.

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## Power of Your Subconscious Mind

Priyanka Naggure  
B.Sc. III, (Biotech)

The most important thing you need to know about the subconscious mind is that it is always "on". That is, it is active day and night, regardless of what you are doing. The subconscious mind controls your body. You cannot hear this silent inner process with your conscious effort. You need to start taking care of your subconscious mind. It is vital to maintain your mind in a state of expectation of only good events and make the usual mode of your thinking based solely on loyalty, justice and love.

Faith and belief are the foundation of the subconscious. Do not forget that "you will be rewarded according to your faith."

Here are some brief recommendations which can help you use your subconscious power for your best.

1. Your subconscious mind not only controls all the processes of the body but also knows the answers to the various questions & can solve many problems.
2. Before going to bed, refer to your subconscious mind with a specific request and soon you will see its miraculous power in action.
3. Anything that is captured in your subconscious mind will directly affect you in the form of emotions, circumstances and events. Therefore you need to watch closely what thoughts and ideas govern your mind.
4. All experiences arise from unfulfilled desires. If you are focussed on various issues and problems, thus will be the reaction of your subconscious mind.
5. When you have a specific goal or dream, consciously repeat this statement, "I believe that the power of the subconscious, which gave me this desire, will embody it in me now."
6. Fill your subconscious with expectations of the best experiences and emotions and your thoughts will become a reality.

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## Plastic For 1 km Road

Riya N. Shahare  
B.Sc. II Year, (BCZ)

Kerala government founded a solution to use plastic for roads. Fishermen are facing problems as this plastic get Caught into the net. This leads to loss for fishermen. Hence, the fishermen association founded a law 'Suchitwa Sagaram' which is basically a law that include all fisherman to trap whole plastic from sea and get it collected. This plastic is divided into different groups and are cut into small pieces. This plastic is now used for making roads. In first 10 month fishermen took out approximately 25 ton of plastic. In which bags and bottles weigh 10 tons.

Naturally normal tan roads require 50<sup>o</sup> c temperature to melt where as it requires 66<sup>o</sup> c temperature for a plastic road to melt. Normally 10 lakh plastic bags are required to construct 1 km road. Plastic roads cost 5% less than normal roads.

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## Farmer – The Feeder

Samreen Zade

B.Sc. II Year

Farmers - growing green fields a green environment. They define Indian culture. Bowed by the weight of centuries he leans upon his hoe and gazes on the ground, the emptiness of ages in his face and on his back the burden of the world. By struggling harder and harder, though some time they become failure in this work, they inspire they youth to struggle hard and achieve their goal. As they spend whole life in farming they enjoy nature's creativity and all ups and downs with happiness. But with all these they face a dozen problems. Their problems lead them to death. The changing of nature's climate, the loan they had taken from bank for farming, the burden, forces them to die.

The Farmers are life of world. They grow community by inspiring healthy whole, abundant living. They work in hot and cold climate, work day and night for just a good product. But they are hanging, themselves to death. The reason is that not getting proper climate or enough rain. Besides this, the burden of loans they had taken for sake of farming and most important frustration by seeing

the spoilage of field, All this forced them to die, as farming is their all sources to live life and earn money to stand in world. They commit suicide because of burden or problem they are facing. They are leaving their family alone to live. Though, they are dying alone but they are taking whole world with them. By doing this their family will become orphan.

I think the people who are enjoying the food with all happiness should take a major step to encourage farmers, specially the youth should come forward. They should arrange rally for development of farmers and also for encouraging them. They should visit villages to sort out some problems of farmers which they are able to solve by using modern technique. My motive of writing this article is to let people known how important farmers are and how they are taking whole burden of world on them and come forward to solve farmers problems. We should take a major step of help them and try our hardest to save farmer life who saved our life till now.

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## Same is Different

Dungeshwari Bisen

B.Sc. V Semester, (Biotechnology)

1. The bandage was wound around the wound.
2. The dump was so full that it had to refuse more refuse.
3. The soldier decided to desert his desert in the desert.
4. When shot at, the dove dove into the bushes.
5. The insurance was invalid for the invalid.
6. They were too close to the door to close it.
7. There is no time like the present to present the present.

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## Is Indian Youth Really Becoming Modern ?

Somesh Diwate, Nagpur  
B.Sc III Year

Indian youth are certainly becoming more modern in their appearance and consumption habits but their thoughts and views reflect a troubling inclination towards intolerance and conservatism. It is much more important to discuss when we consider youths, young India and modernity and also one more aspect plays important role here that India is the most diverse nation and home for all religions.

Since 90's India has seen many revolution from Green Revolution to Blue, yellow, pink etc. to recent and most important IT revolution has changed India and the Indian way of thinking, life style especially youths. So keeping India as youngest nation and based on two important concepts, revolution which happened after Independence and Religion which is spread all over the country shape our thoughts directly or indirectly. There is a strong support for existing

quota for SC, ST and OBC in government job education etc. with 48% favour and 26% against of youths of the nation. Among the respondents 49% were in favour of death penalty while only 33% felt that it should be. 60% believed that films which hurt religious sentiments should be banned, with only 23% opposed to such ban. Consumption of beef is part of personal eating habits and nobody should have an objection 46% disagree with this liberal sentiment while 36% agreed with it. 40% disapproved of Valentine's day celebration and 53% were opposed to dating before marriage.

But still we have many social barriers to cross religions, to over come to become modern India at the same time we also have a challenge of preserving our roots without fully inclining or imitating the West to become modern.

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## States Famous For

Himani

BSC III Year, (Biotech.)

Punjab is for fighting.  
Bengal is for writing.  
Tamilnadu is for duty.  
Kashmir is for beauty.

Mysore is for silk.  
Haryana is for Milk.  
Gujarat is for peace.  
Assam is for tea leaf.

Kerela is for brain.  
UP is for sugar cane.  
Himachal Pradesh is for apple.  
Orissa is for temple.

Madhya Pradesh is for tribe.  
Bihar is for minerals.  
All states believe in unity.  
India is our nationality.

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## Raman Spectroscopy

Vishwas P. Raut  
B.Sc. Final Year, PCM

**Raman Spectroscopy :** Raman Spectroscopy named after Indian physicist Sir C.V. Raman. It is a spectroscopic technique used to observe vibrational, rotational and other low frequency modes in a system. Raman spectroscopy is commonly used in Chemistry to provide a structural fingerprint by which molecules can be identified. It relies on inelastic scattering or Raman scattering of monochromatic light, usually from a laser in the visible, near infrared or near ultraviolet range. The laser light interacts with molecular vibrations, phonons or other excitations in the system, resulting in the energy of the laser photons being shifted up or down. The shift in energy gives information about the vibrational modes in the system. Typically a

sample is illuminated with a laser beam. Electromagnetic radiation from the illuminated spot is collected with a lens and sent through a monochromator. Elastic scattered radiation at the wavelength corresponding to the laser line is filtered out and the rest of the collected light is dispersed onto a detector.

**Application :** Raman spectroscopy is used in Chemistry to identify molecules and study chemical bonding. Spectroscopy is also used to study the addition of substrate to an enzyme. In Solid State Physics Raman spectroscopy is used to characterize materials, measure temperature and find crystallographic orientation of a sample and so on.

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### Life is about....

Anshul M. Patle, XI<sup>th</sup> Sci.

Life is about...

First ray of morning's sun rise,  
gives the value of love and its price.

Life is about...

Taking rain drops on face,  
it will finish all the race.

Life is about...

The sweetness in air and wind,  
gives new charge to every mind.

Life is about...

Greenery and freshness of ground,  
will motivate you to play around.

Life is about...

Feel the silence of leaf's clatter,  
Be a brave and major to every matter.

Life is about...

In hale the ocean's sound of other complement,  
make enjoy and happiness in every movement.

Life is about...

Ticks of rotations of clock,  
explain how varieties come in same block.

Life is about...

the watching eyes in sky forever,  
it teach me lose your heart never.

Life is about...

the ant's reach with giving hundreds of try,  
told me climb to every rock without cry.

Life is about...

there is again sun after every night,  
it suggests me to come think and write.

...



## How to tackle Physics Numericals

Dr (Mrs) Aarti N. Wazalwar

Most of the students shy away from physics problems. In general, physics seems to have this aura to it that scares people before they even start solving a problem. This begins with very basic physics, but continues with higher level material.

**1. A way with Formulas :** In lower level physics, most questions can be solved by simple formulas. As long as you remember these formulas, you are most of the way to an answer.

**2. Try to Understand the Situation :** What is going on in this problem? Is this a ball free-falling from some height? Is it Superman's velocity? Or perhaps it's a question about magnetism? Electricity?

**3. Read the Question Carefully :** Another good tip to remember at this point, too, is that many physics problems have very crucial information in the wording. A car starting from rest, for instance, means your initial velocity is zero. Two objects falling from a window might behave differently if they are both attached to one another.

**4. Organize the Information :** Word problems are confusing only because they hide the actual variables inside them. Sometimes, you will be given extra information that you won't really need. Other times, there will be variables whose purpose is revealed in a later part of the question.

For example, if the question has a car that starts to move from rest and takes 5 minutes to reach a speed of 20 km/h, you should write down the basic variables like so:  $v(\text{initial}) = 0$  km/h,  $t(\text{final}) = 5$  minutes,  $v(\text{final}) = 20$  km/h,  $a = ?$  Now find the proper equation to use, and see what you're missing.

**5. Sketch the Scene :** Draw a rough schematic according to the situation. Arrows are your friends in physics questions – they show you which direction an object is moving or what the possible sum of forces applied to it are. They organize the information for you. Use them.

**6. Verify Units :** You have to make sure your units are the same throughout the exercise, otherwise formulas will not work. If you multiply velocity by time, you will get the distance (assuming constant acceleration), but if the car moved at 10 km per hour for 5 minutes, multiplying 10 by 5 will not give you the right answer. Rather, you will need to either convert the kilometers per hour to kilometers per minute, or (and probably easier) convert 5 minutes to units of hours.

**7. Consider Your Formulas :** Organize your formulas in front of you. If you have a cheat sheet, align it next to your variables. What formula can you fill up, leaving the least amount of missing variables? Which formula can help you solve the question?

**8. Solve :** You have your variables, you have your sketch, you know what's going on solve and get your answer.

**9. Verify Your Results :** Well, if the answer you got for the velocity of your car is more than the speed of light, you're likely wrong. If the units of acceleration come out to be anything but the proper distance/time<sup>2</sup> units, you made a mistake. If your question asks for minutes and your answer is in seconds, you missed a step.

**10. Practice. Practice. Practice :** Everyone says it. Practice makes perfect. Practice to become better. Summary

Don't let the subject bog you down before you even tackle it. Physics sounds horribly complicated, but most of its basic level questions are similar – once you get the concept, you get the solution. So, to summarize:

1. Don't Panic. 2. Try to Understand the Situation. 3. Read the Question Carefully. 4. Organize the Information. 5. Sketch the Scene. 6. Verify Units. 7. Consider your Formulas. 8. Solve. 9. Verify Your Results. 10. Practice. Practice. Practice.

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## Proxima B : A Newly Discovered Planet

Dr (Mrs) Aarti N. Wazalwar

Proxima b: Newly discovered planet 'likely' to support life, say scientists'. Researchers say this planet is 'one of the best candidates' for finding living creatures in space. The discovery of alien life could be a step closer after scientists found a newly discovered planet is "likely" to harbour life forms. Scientists believe that planet Proxima b, which was first spotted in August, has seas and could even be an "ocean planet" with water covering its whole surface.

The presence of water raises the tantalising prospect that Proxima b could be home to alien life. The Earth-like planet orbits Proxima Centauri, the closest star to our sun. It is estimated to be 1.3 times the mass of Earth and is 4.22 light years away. Proxima b lies inside the "habitable zone" of the star it orbits, meaning it could have a surface temperature in the range needed to support life.

Scientists have previously suggested it could be the first exoplanet - a planet outside our solar system - to one day be visited by robots from Earth. They suggested the planet could be covered by "a single liquid ocean 200 kilometres deep". Proxima b is much closer to the star it orbits than Earth is to our sun but because Proxima Centauri is a red dwarf - a much cooler type of star - it could still be temperate enough to sustain life.

"It is in the habitable zone of its star, [and] even if it is really close to the star the fact that Proxima Centauri is a red dwarf allows the planet to have a lower temperature and maybe liquid water." The fact there could still be life on the planet today, not only during its formation, is huge. "The interesting thing about Proxima b is it is the closest exoplanet to Earth. It is really exciting to have the possibility that there is life just at the gates of our solar system."

Researchers discovered Proxima b by studying the movement of the star it orbits. The gravitational pull of the planet makes the star move slightly, which researchers can detect by measuring the light emitted by the star. More research is needed to determine the nature of Proxima b and whether it could be home to extraterrestrials.

Scientists say that while the presence of water is a possibility, they cannot confirm it at this stage.



This artist's impression shows a view of the surface of the planet Proxima b orbiting the red dwarf star Proxima Centauri, the closest star to the solar system. The double star Alpha Centauri AB also appears in the image. Proxima b is a little more massive than the Earth and orbits in the habitable zone around Proxima Centauri, where the temperature is suitable for liquid water to exist on its surface.

### Earth

Dhananjay Anmol Nikhade

B.A. 1st Year

Earth is like our mother. Earth gives us Trees, Water, Mountains, Land, Fresh air and What we give to earth? A lot of problems and troubles. For development we cut down lot of trees, for growth of industries. Trees are only way for survival of man kind. As population grows day by day and trees are decreasing amount of carbon dioxide increased which lead to global warming i.e. heating of earth due to which glaciers are melting and sea level rises smoke and gases released by industries causes depletion in ozone layer which causes harm to our self, by causing skin cancer, so to save our mother earth, we need to plant large number of trees and reduce our Water and Land pollution. Us our mother earth also save us from harmful rays sun and its huge magnetic and gravitation field.



## The Nobel Prize in Physics 2016

Dr (Mrs) Aarti N. Wazalwar

The Royal Swedish Academy of Sciences has decided to award the Nobel Prize in Physics 2016 with one half to

**David J. Thouless** (University of Washington, Seattle, WA, USA) and the other half to **F. Duncan M. Haldane** Princeton University, NJ, USA and **J. Michael Kosterlitz** Brown University, Providence, RI, USA

“for theoretical discoveries of topological phase transitions and topological phases of matter”

### They revealed the secrets of exotic matter

This year's Laureates opened the door on an unknown world where matter can assume strange states. They have used advanced mathematical methods to study unusual phases, or states, of matter, such as superconductors, superfluids or thin magnetic films. Thanks to their pioneering work, the hunt is now on for new and exotic phases of matter. Many people are hopeful of future applications in both materials science and electronics.

The three Laureates' use of topological concepts in physics was decisive for their discoveries. Topology is a branch of mathematics that describes properties that only change step-wise. Using topology as a tool, they were able to astound the experts. In the early 1970s, Michael Kosterlitz and David Thouless overturned the then current theory that superconductivity or superfluidity could not occur in thin layers. They demonstrated that superconductivity could occur at low temperatures and also explained the mechanism, phase transition, that makes superconductivity disappear at higher temperatures.

In the 1980s, Thouless was able to explain a previous experiment with very thin electrically

conducting layers in which conductance was precisely measured as integer steps. He showed that these integers were topological in their nature. At around the same time, Duncan Haldane discovered how topological concepts can be used to understand the properties of chains of small magnets found in some materials.

We now know of many topological phases, not only in thin layers and threads, but also in ordinary three-dimensional materials. Over the last decade, this area has boosted frontline research in condensed matter physics, not least because of the hope that topological materials could be used in new generations of electronics and superconductors, or in future quantum computers. Current research is revealing the secrets of matter in the exotic worlds discovered by this year's Nobel Laureates.

The physics that takes place in the flatlands is very different to that we recognise in the world around us. Even if very thinly distributed matter consists of millions of atoms, and even if each atom's behaviour can be explained using quantum physics, atoms display completely different properties when lots of them come together. New collective phenomena are being continually discovered in these flatlands, and condensed matter physics is now one of the most vibrant fields in physics. The three Laureates' use of topological concepts in physics was decisive for their discoveries. Topology is a branch of mathematics that describes properties that change step-wise. With modern topology as a tool, this year's Laureates presented surprising results, which have opened up new fields of research and led to the creation of new and important concepts within several areas of physics.

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# मराठी विभाग





## विद्येची माता सावित्रीबाई फुले

डॉ. समिक्षा पानतावणे  
बी.ए. भाग-१

मी एका सरकारी शाळेमधून शिकली. त्या शाळेत असताना पाचवीपासून आम्हाला शिकवण्यात आलं होत की प्रत्येक शुक्रवारी आम्हाला सरस्वतीमातेची आरती करायची आहे. ती आम्हाला तोंडपाठ करायला लावली होती आणि एका शुक्रवारला मुलांकडे आणि एका शुक्रवारला मुलींकडे असा तो क्रम घालायचा. जेव्हा शाळेत एखादा कार्यक्रम व्हायचा. जसा १५ ऑगस्ट, २६ जानेवारी तेव्हासुद्धा गांधीजीसोबत सरस्वतीमातेचा फोटो असायचा आणि जेव्हा विचारमंचावर उपस्थित असलेल्या पाहूण्यांपैकी एक आपल्या भाषणाला सुरुवात करायचा तेव्हा त्याच्या भाषणाची सुरुवात अशी व्हायची "सर्वप्रथम मी विद्येची देवी सरस्वतीमातेला वंदन करतो आणि आपल्या भाषणाला सुरुवात करतो." लहाणपणापासूनच शिकवल्या जाते आपल्याला म्हणून कोणत्याही लहान मुलाला विचाराला की "सांग रे बाळा विद्येची देवी कोण?" तर तो पटकन उत्तर देईल "सरस्वती माता".

पाचवी ते सातवी मी सुद्धा शाळेच्या या शुक्रवारच्या कार्यक्रमात सहभागी व्हायची. पण आठवीपासून मोठ्या भावामुळे घरात अंबेडकर विचारांचा वातावरण निर्माण झालं. म्हणून प्रत्येक गोष्टीत विचार करण्याची पद्धत सुरू झाली आणि तेव्हा प्रश्न उद्भवले खरंच का विद्येची देवी सरस्वती माता? या सरस्वतीमातेमुळे स्त्रीयांना शिक्षणाचा अधिकार मिळाला होता का? किती शिकल्या होत्या सरस्वती माता? आणि असेच प्रश्न उद्भवत गेले.

हजारो वर्षांपासून आमची स्त्री ही गुलामीचे जीवन जगत होती. मनुस्मृतीसारख्या ग्रंथामुळे स्त्रीला शुद्रापेक्षा ही अतिशुद्राचे स्थान देण्यात आले होते. ती पुरुषांच्या पायाखालची माती होती. तिला शिक्षण घेण्याचा अधिकार नव्हता. तिला बाहेर स्वातंत्र्याने किंवा स्वहच्छने बाहेर जाण्याचा अधिकार नव्हता. तिला घरच्या एका खोलीत कोंडून ठेवावे असे सांगण्यात आले होते. पुरुष मैला की

तिला सती जाव लागत असे मग अश्या परिस्थितीतून त्यांना बाहेर काढण्याचे कामकोणी केलं? ते काम सरस्वती मातेने केलं होत का? तर उत्तर मिळेल नाही.

आपण सगळ्यांना माहित आहे की भारताच्या पाहिल्या महिला शिक्षिका या सावित्रीबाई फुले होत्या. ज्यांना त्यांचे पती ज्योतिबा फुलेनी शिकवले आणि त्यांनी मिळून भारतातील पाहिली मुलींची शाळा १८४८ साली पिढे वाडा इथे उघडली होती. त्यासाठी त्यांना कितीतरी त्रास सहन करावा लागला. समाजातल्या स्त्रीया त्यांना म्हणायचा की जर स्त्री शिकली तर त्यांचा धर्म बुडेल म्हणून कोणीही आपल्या मुलीला शिकवण्याला पाठवायला तयार नव्हते. सावित्रीबाई बाहेर जेव्हा शिकवण्याला जाण्यासाठी निघायच्या तेव्हा लोकां त्यांच्यावर दगडांचा आणि शेणाचा मारा करायचे. जेव्हा आपण वाचतो तेव्हा आपल्याला काहीही वाटत नाही पण कल्पना करून बघा जेव्हा दगड शरीराच्या कुठल्याही भागाला लागतो. आणि तो लागल्यावर जी रक्ताची धार उसळते तेव्हा त्या स्त्रीला किती वेदना होत असतील. तरीही त्यांनी आपले शिकवण्याचे काम तसेच सुरू ठेवले.

आज आमच्या सुशिक्षित स्त्रीयांना शृंगारासाठी किती साधनांची आवश्यकता असते. कितीतरी साड्या पाहिले असतात. पण सावित्रीबाईंकडे फक्त दोनच साड्या होत्या आणि तिसऱ्या साडीची मागणी त्यांना ज्योतिबांकडे केली कारण शाळेत शिकवण्याला जाताना लोक शेण मारून फेकायचे त्यामुळे ती साडी खराब होत असे. अश्या परिस्थितीत सावित्रीबाईंनी मुलींना शिकवले त्यांनी वेगवेगळ्या जातीमधल्या मुलामुलींना शिकवले त्यांनी त्यात कोणताही भेदभाव ठेवला नाही. ज्योतिबा फुले आणि सावित्रीबाई फुले यांनी मिळून एकूण ९८ शाळा उघडल्या एवढेच नव्हे, तर त्यांनी मिळून 'बालहत्या प्रतिबंधक गृह' स्थापन केले आणि तिथे ज्या स्त्रियांचा बलात्कार झालेला आहे किंवा ज्या स्त्रिया विधवा आहेत



अश्या गर्भवती स्त्रीयांची मदत केली जात होती, आणि सावित्रीला मरणही दुसऱ्यांची सेवा करता-करताच आले. १८९७ ला जेव्हा प्लेग जी साय पसरली होती तेव्हा त्या स्वतः रुग्णांची सेवा करायच्या आणि ते काम करता करताच त्यांनासुद्धा प्लेगचा रोग झाला आणि अश्या महान समाजसुधारकेला १० मार्च १८९७ ला मरण आले.

आजची वर्तमान परिस्थिती अशी आहे की जेव्हा आमच्या वस्तीत सावित्रीबाई फुले जयंती आम्ही युवा मुल-मुली मिळून साजरी करीत असतो. तेव्हा तो संपूर्ण वस्तीत चर्चेचा विषय असतो आणि तेव्हा काही बाया असं म्हणतात की हा आमच्या जातीचा कार्यक्रम नाही आहे. हा तुमचा कार्यक्रम आहे तेव्हा लाज वाटते त्यांना पाहून आणि प्रश्न पडतात की सावित्रीबाई फुलेंनी समाजातल्या फक्त एका जातीच्या मुला-मुलींना शिक्षण दिले होते का? जेव्हा त्यांनी कधीच भेदभाव केला नाही तेव्हा आज आपण

त्यांना का जाताजातीमध्ये वाटतो? ज्या स्त्रीने आपल्यासाठी एवढे कष्ट सोसले त्यांना हाच आदर देत असतो का आपण?

‘‘मुलगी शिकती तर धर्म बुडायचा, मुलगी शिकली तर घरात मातंग घडायचा सावित्रीबाई नसत्या तर मुलगी शिकली असती का? आणि सरकारी हुदुदाचर मुलगी चढती असती का?’’

आपण आजची सुशिक्षित युवा पिढी आहोत. सुशिक्षित म्हणजे ज्याला तिहित्ता वाचता येते आणि जे लिहित आहे ते वाचतं आहे त्यात काय सत्य आणि असत्य आहे ते ओळखता येते आणि छातीठोकपणे समोर सांगता येते त्यास सुशिक्षित असे म्हटल्या जाते. मग जर आपण स्वतःला सुशिक्षित समजत असाल तर थोडा विचार करून सांगा विद्येची खरी देवी कोण?

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## ‘‘आस’’

देव आनंद

एक अनजोळखी आस  
मनाला लागली  
निजलेली खुशीही आता  
वास्तवात जागली

कसं सांगु तुला  
कळत नाही सखे मला  
इतकी गोष्ट समझत नाही  
अस का पाहतो तुला

मन हसले तुला पाहून  
खूप आठवण येते  
तुझ्या दूर जावून  
पण कधी कधी असही वाटते

तुझ्यासाठी असलेल प्रेमही  
ना जावो अक्षुत वाहून

नयनाला तुझी आस  
तू दिसते तेव्हाच जीवंत असतो  
जसा घेवून जाते तू माझा श्वास

प्रेम करतो मी पण भीती वाटते  
या दुःखाच्या वादळाची  
पण मी काळजी घेईन सदैव  
स्वतः जळून तुझ्या काळजाची



## गुलामीची जाणीव

रोहन जगताप

बी.ए. प्रथम वर्ष

मित्रांनो आजची जर परिस्थिती पाहिली तर आपल्याला प्रत्येक ठिकाणी प्रत्येक तरुण नोकरीच्या शोधात फिरतांना दिसतो. त्याला फक्त आपल्या पोटाची खळगी भरायची असते. त्याचा जगण्याचा कोणताही उद्देश राहत नाही आणि जर त्याची काही इच्छा असेल तरी सुद्धा त्याला आपली इच्छा पूर्ण करता येत नाही त्यांच्या मनावर सुकसातीपासून एक गोष्ट बिंबवण्यात येते. त्यांच्या मनावर ठासण्यास येते की "काय तुला काहीच नाही येत, तुझ्या पेक्षा कितीतरी हुशार मुल पडली आहे रिकामी" अगोदर काही पैसे कमावणे शिक मग मोठे स्वप्न पाहा. "हे युग स्पर्धेचे आहे यात टिकणार नाही आणि तु तुझ्याजवळचा भरपूर वेळ गमावशील आणि तेव्हा तु कोणत्या कामाला गेला तर तुला पैसे मिळतील अशी भावनेची बीजे त्यांच्या मनात रोवल्या जाते."

जर या परिस्थितीची पाचवर्षीची पहातो म्हणत तर ती १० वर्षे किंवा २० वर्षांची नसून १०० किंवा २०० वर्षांची सुद्धा नसून हजारो वर्षांपासून प्रत्येक भारतीयच्या मनात हे गुलामीचे बीज रोवण्यात आले. त्याच्या करण्यावर मर्यादा ठेवल्या गेल्या त्याचे विचारच संकुचित ठेवण्यात आले आहे. म्हणून सामान्य भारतीय नागरिक अगोदर पोटाची खळगी कशी भागवावी हाच विचार करतो.

अगोदर आर्य त्यानंतर मुद्दल आणि इंग्रज आले या हजारो वर्षांच्या काळात भारतातील नागरिकांची फक्त गुलाम म्हणून ओळख होती. इंग्रज भारतातील लोकांचा जन्मच गुलामी करण्यासाठी झाला असे मानत आणि भारतातील काही शिक्षित नागरिकांनी ते मान्य करून इंग्रजांच्या ऑफिसात आपल्याला वेटरचे किंवा कारकुनाचे काम जरी घेते तरी भरपूर पैसे मानत. मानसाला माणूस म्हणून जगता येत नव्हते. सर्वांना शिक्षणाचा अधिकार नाही शिक्षणावर विशिष्ट वर्गाचा अधिकार आणि बाकीच्या लोकांना शिक्षणाचा अधिकार नाकारून तुमचा जन्म गुलामी करण्यासाठी झाला आहे असे ठरविण्यात आले. "ते काय माणस नव्हे" त्यांना शिक्षणाचा का नव्हता. फक्त काही लोकांच्या रोशीआरामासाठी देशाच्या हजारो लोकांच्या आयुष्यावर कैची चालवली जात आहे.

आज जर भारताचा विकास साधायचा असेल तर जो युवक गुलामी करून पिळगटेल्या पेशात आपली पोटाची खळगी भागविण्यात झपटता मानतो. त्यांच्या विचारात बदल करण्याची गरज आहे. मित्रांनो, "सोच बदलो सितारे बदल जायगे", हमेशा करतीया बदलने कि

जरूरत नाही बस दिशा बदलो किनारे अपने आप बदल जायगे--"

म्हणून सगळ्यात अगोदर या युवकांची विचार बदलण्याची गरज आहे. त्यांना प्रोत्साहन देवून हे सगळ शक्य आहे. एकदा प्रयत्न तर करून बघ असा सांगणारा विचार करणारा समाज हवा.

रविंद्रनाथ टागोर म्हणतात, "अस जग हव जिध प्रत्येकजण ताठ मानेन जगू शकणार, त्यांच्यामध्ये स्वाभिमान असावा, या जगात शिक्षण असात आणि लोकांमधील गुलामीची भावना नाहीशी व्हावी. येथील नागरिकांमध्ये जी भेदभावाची भावना आहे ती नाहीशी व्हावी आणि प्रत्येक व्यक्तीला या जगात, या देशात खरेपणाने, प्रामाणिकपणाने आणि स्वाभिमानाने जगता यावे. असे वातावरण निर्माण करण्याची जबाबदारी शासनाची आहे.

पण जर आजची परिस्थिती पाहिली तर असे वाटते की हे सरकार पुन्हा या देशाला गुलामगिरीच्या जाळ्यात अडकवण्याच्या प्रयत्नात आहे. मोठ्या प्रमाणात विदेशी कंपण्यांना भारतात बोलावण्यात जात आहे. त्या कंपण्यावर मासकी विदेशी सरकार किंवा विदेशी नागरिकांची आणि तिथे गुलामी करावी ती या माझ्या बांधवानी... भारतातील शिक्षण पद्धतीमध्ये दिवसेंदिवस प्रगती होत आहे असे म्हणते जाते. पण खरे पाहिले तर लक्षात येईल की या आधुनिक युगात जर एखाद्या व्यक्तीला लिहिता वाचता येत नसेल तर त्याचा गुलाम म्हणूनही उपयोग होणार नाही. म्हणून ९ वी पर्यंत नापास करून नवे १० वी मध्ये नापास झाला तरी पुढे प्रवेश मिळतो आणि जरी कोणी उच्च शिक्षण जरी घेतले. तरी त्याच्या नशीबी फार काही येत नसून हातमजूर येते.

सर्वात अगोदर गुलामाला गुलामीची जाणीव करून देणे गरजेचे आहे. जोपर्यंत गुलामाला गुलामीची जाणीव होणार नाही. तोपर्यंत या समाजाचा विकास होऊ शकत नाही. म्हणून जर भारतामधील गुलामीची भावना दूर करायची असेल तर त्याला गुलामीची जाणीव करून देणे गरजेचे आहे.

या युवकांनी मोठे स्वप्न पाहायला हवे. डॉ. ए.पी.जे. अब्दुल कलाम म्हणतात, "स्वप्न पाहायला हवे कारण स्वप्न विचारांमध्ये आणि विचार कुतीमध्ये परिवर्तन होतात. म्हणून या गुलामीची जाणीव नाहीशी करावी. यानुसार भारताचा विकास होऊ शकतो.



## ‘क्षण एक तो जगण्याचा’

धनंजय अनमोल निखाडे

बी.ए. भाग- १

वेळ ती संध्याकाळची घरच्या कामांमध्ये मंदत करण्याची मला मोठी हीस, विचार केला की आजच्या स्वयंपाकाची भाजी अपण स्वतः विकत घेणार म्हणजे बाईसाहेबांना तितकीच विव्रांती, त्याही पकल्याच असणार भाजीसाठी पिशवी घेऊन लगेचच स्वारी निघावी आमची टू-व्हीलर एटीमध्ये गणघती उत्सवाचे दिवस म्हटले की रहदारी असणारच कसेबसे वाट काढत पोहोचते की भाजीच्या दुकानात.

वस्तुस्थितीचा ताळमेळ न जुळल्यामुळे दुकानासमोर आधीच विराजमान असलेली नवीन कोरी मोटारगाडी लक्षातच आली नाही बुवा! वेग कसाबसा आवरत आमच्या स्कूटरला मोटारगाडीच्या पुढ्यातच पुढ्यातच धांबकिले. झालेल्या कर्कश आवाजाने गाडीमधले बसलेले अण्णा मात्र बऱ्याचपैकी धास्तावलेले त्यांच्या वेहऱ्यावरील भाव घाहून मला उमजले तेव्हा वस्तुस्थिती लक्षात घेऊन मी काही एक शब्द न बोलता घेत दुकानामध्ये धाव घेतली तितक्यात दोन पावले आमच्याच दिशेने घेत असल्याची चाहून लागून काही शब्द कानावर पडले.

“काय राव? बरेच घाईमध्ये आहात वाटतेय” (अण्णा) मागे पूर्णपणे न वळता फक्त एक कटाक्ष अण्णाकडे बघत मंद स्मित केले. म्हटले की उगीचच बोलून का वादाला सुरुवात करायची, आपले शांत राहिलेले तितकेच बरे परंतु अण्णा मात्र एवढ्यावरच थांबणान्यापैकी नव्हतेच. अहो वयच ते! चार गोष्टी सांगितल्याशिवाय यांना राहावंत नाही. म्हणे की यातूनच त्यांचे शहाणपण जरा जगाता कळू द्यावे.

“काय राव? कुठे निघाली यमराजांची स्वारी. आमहाला काही यमसदनीं घाठविण्याची तर नाही ना ही तयारी?”

बच्चू यमराज उदगारल्यामुळे सगळ्यांचे तळ मात्र माझ्याकडेच वेधले गेले. तेव्हा या दोघारोपणामधून बाहेर कसे पडावचे तेच कळेना.

“अहो अण्णा, असे काहीही नाही.” मूळातच

उद्देश्य नसतोय तसा कुणाचा.

“काय नाही म्हणता, बघा जरा की तुम्ही गाडी कुठे उभी केली. आता आमहाला निघावयाचे म्हटल्यास तुमच्या स्कूटरला कुचतूनच जावे लागेल की, आमच्यासारख्या म्हाताऱ्यांनी अजून काय करावे?”

मी : अहो, ते आले की माझ्या लक्षामध्ये व्हिलेच तुमची ती चेपकलेली नवीनच गाडी घाहून तुम्ही नेहमीच अस काही करत असाल असे वाटते.

अण्णा : काहीपण काय बोलत आहात राव? असं का घाबरता?

मी : अहो बघा की! तुमच्या गाडीच्या डाव्या अंगाला केवढा मोठा (Dent)

अण्णा मात्र घाबरतच निघाले आणि गाडीला चौफेर तपासून बघितले परंतु तसे चेपकलेले काहीही आढळले नाही कारण मूळातच असे काहीही नव्हते. त्यामुळे अण्णा धावतच परतले ते सरळ माझ्या अंगावरच आणि म्हणाले...

“तुम्ही खोटं का बोलतात, गाडीला तर काहीही झालेले नाही.”

मी (मंद स्मित करून) : अहो अण्णा, सुरुवातीलाही तुमच्या गाडीला काहीही झाले नव्हते तरीही तुम्ही एवढे बोलतात, बघच ते तुमचं चार गोष्टी तुम्ही सांगणारच.

आमचेसुद्धा तसेच.... तरुण पिढी आम्ही.... म्हटले की जरा संधाव्य वस्तुस्थितीची जाणीव करून द्यायला हवी म्हणून तेव्ही ती गंमत चला मेद्रू या पुन्हा कधी म्हणून हात जोडले तेच सर्वांच्या वेहऱ्यावर मंद हसू देखील उमटते आणि अण्णा मात्र खाली मान घाहून निमुटपणे आपली मोटारगाडी घेऊन निघून गेले आणि आम्ही घराकडे....

उगीचच तरुणाईचा आव न आणता परिस्थिती सांभाळती त्याचा मात्र मला फार आनंद झाला. आत कोण कुठे चुकले हे मी वाचकांवरच सोडतो.

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## “कॅन्टिन” कॉलेज जीव की प्राण...

प्रफुल्ल मधुकर गवई  
बी.ए. प्राण - १

प्रत्येक कॉलेज्या परिसरात हमखास दिसणारी आणि आकर्षित करणारी म्हणजे 'कॅन्टिन' अगदी विद्यार्थी असो वा प्राध्यापक कॅन्टिन मध्ये हमखास आपल्याला बघायला मिळतात. सर्वेच फक्त नाश्ता करण्यासाठी किंवा चहा-कॉफी पिण्याकरिता येत नाही. ते तर फक्त एक कारण असते. आपल्या दिवसपराचा ताणतणाव कमी करण्याचा आणि मनमोकळेपणाने संवाद साधण्याचा कॉलेज म्हटल की मग आपल्याला सर्वप्रथम एक दृश्य दिसत ते म्हणजे मुलं-मुली कॅन्टिनमध्ये चहा-कॉफी पीतात, व्लास बॅक मारून मित्रमैत्रीणींबरोबर गप्पा मारण्यात मग्न असतात. कोणी समोरच्यावर बेट आखतो तर कोणी सांबर बडपाव यावर कॅन्टिन कधी खाली दिसत नाही. नेहमी गजबजलेली राहते कोणीनाकोणी खुर्ची करीत भांडताना नाशाल्यासाठी कॉन्ट्री करताना वा कोण्या मित्रमैत्रीणीचा वाददिवस साजरा होताना हमखास दिसतो.

अगदी चित्रपटाचं उदाहरण घेतल तर सर्व प्रथम करण जोहर यांनी कॉलेज परिसरातील दृश्य दाखवले. पण त्याच्या चित्रपटाची खासियत ही की कधी त्याने वर्गात शिकवताना जास्त दाखवला नाही अगदी कॉलेज मैदान आणि कॉलेज मध्ये होणारी एखादी पार्टी वा स्पर्धा एवढाच तो मर्यादित होता आणि महत्त्वपूर्ण म्हणजे 'कॅन्टिन' ही त्याच्या चित्रपटात हमखास असायची समकालीन जीतके कॉलेज जीवनावर चित्रपट आले तर सर्व कॅन्टिन आणि मैदान यावरच होते.

आम्ही अनुभवलेली कॅन्टिन मात्र वेगळी. दिसायला लहान पण अगदी जबरदस्त होती. अगदी सर्व प्रथम कॉलेज मध्ये गेलो की आत कॅन्टिन मध्ये सर्वप्रथम दर्शन द्यावे लागायचे कोणी ना कोणी आपल्याला दिसूनच जातो कधीकधी कोणी फुकट चहा पाजला तर मी पण धांबून जातो अशी कॅन्टिन सर्वांना आपल्या जीवनात काही ना काही शिकवत असते. समाजातील कोणत्या ही धर्मातला असो व जाती चा असो सर्व सोबतच बसलेले आपल्याला बघायला मिळतात. आपल्या सर्वांना काही ना काही देत असते. अनोळखी व्यक्तीला मित्रमैत्रीणीची संगत देते तर प्राध्यापकांना आपल्या ताणलेल्या अशी कॅन्टिन फक्त नाश्ता व चहा-कॉफी पुरती मर्यादित राहत नाही तर

कॉलेजमधील प्रत्येकाच्या जीवनातला अविभाज्य अंग होत असते आणि तो व्यक्ती कॉलेज सोडोवपात आणि सोडल्यानंतर ही वा कॉलेज मधील 'कॅन्टिन' हा विसरत नाही तिथे घालावलेला प्रत्येक क्षण मित्रमैत्रीणींबरोबर नकळत हुदयावर आणि मनाच्या गाम्यावर कोरल जाते. हे आठवणीचे ठसे जेव्हा कधी तो व्यक्ती आठवण करतो त्याच्या वेदनांवर स्मित हास्य उमटून येते. अशी ही कॅन्टिन कॉलेजमधील प्रत्येक व्यक्तीचं...

जीव की प्राण असे म्हणजे चुकीचे ठरणार नाही.

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## सावित्रीबाई फुले

अगं सावित्रीबाई

अगं सावित्रीबाई

तुझे उपकार आम्ही विसरणार नाही

तुच शिक्षणाचा पाया घातला

मुलींच्या शिक्षणास जेव्हा होती मनाई

तुच शिल्पकार महिलांच्या

उन्दाराची

पण जाणीव नाही त्यांना

तुझ्या उपकाराची

तुने जाळलेल्या शिक्षणाच्या ज्योतीने

महिलांचे जीवन प्रकाशमयी झाले

पण तुलाच आंधारात सोडले त्यांनी

कारण जेव्हाही गोष्ट आली शिक्षणाची

ओठावर नाव त्यांच्या सरस्वतीचे आले

शिक्षणाची ज्योती सावित्रीबाई फुले

सदैव स्मरणात ठेवू यांना

हेच ध्येय राहीन आपूले

- देव आर्जव



## बेरोजगारी

घनंजय अनमोल निखाडे

बी.ए. भाग- १

“समाज जन्तीसाठी घाम पाहिजे,

घर घालवायला दाम पाहिजे,

विकास घडवायला काम पाहिजे.”

अफाट लोकसंख्या देशाच्या प्रगतीसाठी कारणीभूत ठरत असते; पण तिच लोकसंख्या देशाच्या दुर्गतीचे कारण बनत असेल तर? भारत तरुणांचा देश आहे! पण हेच तरुण बेरोजगार असेल तर? लोकसंख्येच्या अनुक्रमणीकेत भारताचा दुसरा क्रमांक लागतो. येत्या काळात हा क्रमांक पहिला होऊ शकतो. मग देश प्रगतीच्या क्षेत्रातसुद्धा पहिला होईल का? ज्या हातांना कामच नाही त्यांचे काही अस्तित्व आहे काय?

बेरोजगारीमुळे तरुणांच्या हाताला काम मिळत नाही. रिकामेपणामुळे बुद्धीला, शरीराला तान मिळत नाही. म्हणतात 'खाती डोक राहूसावे घर' याच

राक्षसबुद्धीचे परिणाम म्हणून समाजात दंगेवाद, घोरी-लूट, हत्या, बलात्कार अशा घटनांना मिळालेला आधार समाजात वाढणारा जीव. बेरोजगारपणामुळे घरात-समाजात अशांततेचे वातावरण निर्माण होत चालते आहे. शिक्षण घेऊनही आज रोजगार मिळणे कठीण होत आहे; म्हणून तरुणांत असंतोष वाढत आहे. हाताला कामच नसेल तर तोंडाला घास कुठून मिळेल? घोरी करून की हत्या करून? याला कारण म्हणजे बेरोजगारी आहे.

अशा परिस्थितीत स्वदेशीचा मंत्र कामाचा नाही का? हा स्वदेशीचा मंत्र तर स्वातंत्र्यपूर्व काळापासून चालला आहे. यावर काही उपाय का नाही झाले? भारताची अफाट लोकसंख्या, स्वदेशाची वस्तू वापरेल तर या बेरोजगारीवर लगाम नाही का लागणार? एवढे असूनही माझ्या भारत देशात विदेशी कंपण्यांचेच वर्चस्व आहे. ...

## प्रार्थना

देव जानंद

जेव्हा मी तुला हसतांना पाहतो  
तुझ्या ओटातून मी हसू बनून वाहतो  
तुझ्या सुंदरतेला या जगाची नजर ना लागो  
म्हणून मी तुझ्या डोळ्यात काजळ बनून राहतो

तुझ्या माझ्या मनाचे काहीतरी असावे नाते  
जेव्हा मी बघतो तुला; सर्व विसरून जाते  
आणि तू न दिसल्यावर कसं सांगू  
डोळे माझे रुसून जाते

पाहतो जेव्हा वॉर्ड नजरेने कोणी  
रक्त माझे सळसळते आणि विरतो लागतो माझ्या मनी  
कसं सांगू या जगाला मी

तुच माझे श्वास, हृदय दोन्ही  
माझ्या मनाचे धागे  
तुझ्या प्रेमाची गाठ मागे  
पण हे नाते हवे असे  
तुटते तरी ना जखम लागे

तुला हसतांना पाहून  
माझं दु:खही जाते मग वाहून  
तुझ्या हसण्याचं मी कारण व्हाव  
हीच प्रार्थना करतो देवाचरणी जावून

- देव जानंद



## स्त्री सामाजिक जीवनाचा 'कणा'

कल्याणी नंदकिशोरजी चौधरी

बी.ए. भाग-२

आधुनिक जीवनामध्ये स्त्रीयांचे महत्त्व हे खूप मोठ्या प्रमाणात आहे. परंतु त्यांना त्यांच्या जबाबदारी सांभळणे हे सुद्धा अत्यंत महत्त्वाचे आहे. आजची स्त्री हे अतिशय धावपळीचे जीवन जगून आपल्या कुटूंबाकरीता जास्तीत जास्त काय करता येईल याचा ती सतत विचार करीत असते.

तसेच ती एका 'दिव्याच्या ज्योतीप्रमाणे' सतत जळत राहते. आपल्या कुटूंबाची जास्तीत-जास्त काळजी कशी घेता येईल हे विचार तिच्या मनामध्ये सतत चालू असते. परंतु आजही समाजामध्ये स्त्रीयांवर होणारे

अत्याचार आणि अन्याय बंद झाले नाही. आजही स्त्री ही कोणाच्या नाही कोणाच्या दबावाखाली राहूनच ती तिचे जीवन जगत आहे. आजही मोठ्या प्रमाणात पुरुष वर्ग मध्यपान करून येतो आणि त्या स्त्रीला आपल्या मुलांबाळना मारहाण करतो. मग हे काय आहे? आजही स्त्रीया आपल्या समस्या कोणाला सांगू शकत नाही. कारण तिला ऐवढा त्रास देत असून सुद्धा ती आपल्या घरातील लोकांचा विचार करीत असते.

अशाप्रकारे ती आपले जीवनकार्य नेहमी जगत असते. 'स्त्री ही समाज जीवनाचा आरसा आहे' ...

### स्वप्न

- देव आनंद

सुमनांना नैत्रात  
घेऊन तू ये,  
सुखांची पहाट,  
फुलत राहू दे.

कळ्या कळ्यांचे  
असतात गं झोके  
स्वप्न फुलाया  
नभ असावे मोठे

पाखरं मनाची  
मनी करून तू हो  
उद्ग्राच्या जगाचे  
नवे स्वर उरात घे

तिमिरातून निघतांना  
आशा नव्या घरकर  
प्रकाशाचे दिवे तरी  
तुझे मन उदात कर

करुणेचा व्याप तसा  
आधुण्याचे लेणे  
साकार नवे स्वप्न  
पुन्हा नव्या जोमाने

इथे तिथे मागे  
कधी पाहू नकोस राणी  
सत्य तुझे जाऊ दे  
तुझ्यात पावतांनी

...



## जात

कु. समिक्षा सुरेश पानतावणे  
बी. ए. भाग - १

तहान लागली होती मले खुपच जोऱ्याची म्हणून पाणी मागायता गेलो जेव्हा मी दुसऱ्याच्या घरी धामानं पिजलेला घेहरा घेऊन इबलुश्या होटानं भेवून हळूहळूयानच म्हणतं मी काकू देता का हो मले दोन घुटाचं पाणी काकु लयी इज्जतीनं म्हणली आपं व्हरं रताळ्या विटाळ लावतं का माइया हाताला हात लावूनी

जेव्हा केती होती मी शाळेत जायते सुरुवात लयी सुंदर सपनाच्या भरात पण शाळेत गेल्यावर जेव्हा कराले हावला माया छोट्याश्या हातानं संडास साफ आनं हिसकावून घेतलं माया जेवणाचं ताट तेव्हा मीनं माया सपनांची धूळ केती त्यातल्या त्यात

विचारूनच घेतलं मीनं माया मायले आज का गावाबाहेर झोपडी बांधली का दुसऱ्याची चाकरी करते माया बाप का मले कोणी हात लावले नाही पात का सगळे जातात पण तु देवळात नाही जात का मले लावते शाळेत कराले संडास साफ का मले कुऱ्यापेक्षाही हिन समजतात अनं का मले त्याच उत्तर मिळते फक्त एकाच शब्दात तो म्हणजे जात जात आणि जात

माय म्हणली हे सगळं तुले नाही कळणार हेच काम कराले आलो आहे आपण या जीवनात हे चातल आलेती परंपरा आहे याते तु बद्दल नाही शकणार जात या शब्दाचा अर्थच कळना आयं का मानसाला लागतो मानसाचाच विटाळ पुन्हा डोळे भरले पाण्यान आज कशी वाटती नाही या परंपरा बनवतांना लाज ...

## सावित्रीबाई फुले

- देव आनंद

काल मी एक मुलगी पाहिली  
तेव्हा मी ओठांतून हसू वाहिली  
बसलो मी जवळ तिच्या  
पण तिला एक गोष्ट सांगायची राहिली

फुलासारखे रूप तिचे  
आशिक आहेत खूप तिचे  
चांदण्यासारखे डोळे  
चंद्रासारखे स्वरूप तिचे

हसू तिची सोनेरी  
चाल तिची बंदेरी  
मी फुल त्याच बागेतला  
ती कळी ज्या फांदी

तिच्या यौवनाला या जगाची  
नजर ना लागो  
ती असो झोपेत तरीही  
तिचे सौंदर्य सदैव जागो  
यावा तिच्या सुंदरलेत इतका निखार की  
या जगाला चंद्राची गरज ना लागो ...





## वेडं मन

प्रमोद खटुजी समर्थ  
बी.ए. भाग-२

भावणाच्या सरीत तन चिंब भिजते,  
पण वेडे मन मात्र कोरडेच होते....

सदैव वाट बघत असते,  
हवं ते मिळविण्यासाठी,  
पण ते मिळत नसते,  
त्याच गोष्टीची आसं  
हे वेडं मन धरून बसते....

भावनांचा रोज जिथे तिलाव होत असतो  
दुनिपादारीच्या खेळात कुणीच कुणांचा नसतो  
हे कायम स्मरणात असूनही,  
भावना जपण्याची आस  
हे वेडं मन धरून बसते....

स्वप्नात मी तुझे  
गुलजार रूप न्याहाळत असतो,  
अश्रू बनून पापणीच्या  
किनाऱ्यावर मी भिजत असतो,  
माहित असूनही  
ते सारे क्षणिक सुख आहे  
तरी विद्यारात झुरण्याची आस  
हे वेडं मन धरून बसते....

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## बाप म्हणजे काय ?

धनंजय अनमोल निखाडे  
बी.ए. भाग - २

मला मोठा बाप अचानक समोर दिसतो,  
तेव्हा जो आवाज निघतो, तो आवाज म्हणजे बाप।  
आई गेली तर प्रेमाने, लाडा ने लेकरांचे  
सांभाळ करणारा बाप।

गडगडत्या थपंकर समुद्रातून श्रीकृष्णाला  
घेऊन जाणारा वासुदेव म्हणजे बाप।  
घराची शान, शोभा, इज्जत म्हणजे बाप।  
लेकरांच्या तहान-मोठ्या गरजा पूर्ण करणारा बाप।

सुखात हसणारा आणि दुःखात  
आसवं पुसणारा म्हणजे बाप।

मुलीचे लग्न करणारा,  
मुलाच्या नोकरीची शिंता करणारा बाप।  
मुलीला सुस्थळ मिळावे म्हणून  
रक्ताचे पाणी करणारा बाप।  
सुनेला बापासारखे प्रेम देणारा,  
नातवासाठी बनलेला घोडा म्हणजे बाप।

संपत जाणाऱ्या रिटायर्डमेटच्यापैशात सर्वांना  
नवीन कपडे आणणारा पण फाटकी तुंगी  
शिवून लावणारा म्हणजे बाप।  
जीवनभर लेकरांसाठी जगता, पण  
बुद्ध्याकाली मुलांनी सोडून दिलेला  
माणूस म्हणजे बाप।

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## वाकई... विद्यार्थी हूँ मैं ।

स्मिता सरकार  
जी 12 वी 'क' (विभाग)

उन्मुक्त गगन तले,  
घरातल पर बहे-पले,  
असंख्य ख्याबों की सरज़मीन में,  
सिमटता जा रहा हूँ मैं,  
हाँ, वाकई विद्यार्थी हूँ मैं ॥

स्वप्न और परिश्रम का निचोड़ हूँ मैं,  
टूटे हुए खवाईशों का स्तंभ हूँ मैं,  
अंधेरे में रोशनी का आधार हूँ मैं,  
हाँ, वाकई विद्यार्थी हूँ मैं ॥

नित नई इन्तिहानों की पराकाष्ठा हूँ मैं,  
अधरों में मुस्कान का कारण हूँ मैं,  
असंख्य दृगों में छिपी आशा हूँ मैं,  
हाँ, वाकई विद्यार्थी हूँ मैं ॥

अनसुतझी कहाँनियों की दास्ता हूँ मैं,  
जुगनुओ सी रोशनी का सरोबार हूँ मैं,  
हर आशाओं का अंगीकार हूँ मैं,  
पर अपने जवाब धाने में नाकामयाब हूँ मैं,  
वाकई विद्यार्थी हूँ मैं,  
वाकई विद्यार्थी हूँ मैं ॥

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## गुरु

देव आनंद

गुरु आपके ज्ञान का वर्णन क्या करूँ मैं।  
भला कभी सागर का पानी गीना जाता है।  
गुरु आप देते हो ऐसा ज्ञान  
जो किसीसे भी ना छीना जाता है।

सबकी जीवन में तीनही शिक्षक  
'माँ-बाप' और 'गुरु'  
इन की वजह से ही होता है जीवन का खाता शुरु  
गुरु आपने जिंदगी जिनके के सारे तरीके सिखा दिये  
अब सोचता हूँ आपके एहसान कैसे पूरे करू

गुरु के शब्दों में पता नहीं क्या जादू है।  
पत्थर सा इन्सान गुरु ने तराशा और वो साधू है।  
दुनिया को कैसे बनाना ये गुरु के हात में  
क्योंकि गुरु के हात में ज्ञान का तराजू है।

इन गुरुनेही कितने विद्वानों को बनाया है।  
गुरु तो शिष्यो का सायाँ है।  
जब भी शिष्य बना बड़ा इन्सान  
पहले तो गुरु का ही नाम आया है।

गुरु आपका स्वार्थ एक  
गुरु आपकी सोच भी नेक।  
शिष्य आपका ऐसा हो  
जैसे गगन में चंद्र एक।

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## किसान

देव आनंद

मेरे देश के किसान

कहाँ मिलता है इन्हे

मान सम्मान

सात भर बैल की तरह

काम करते हैं

पर मिलता नहीं कभी इन्हें

मेहनत का समाधान

इसलिए इन्हें आत्महत्या

करना लगता है आसान

दिन हो या हो रात

धुप हो या हो बरसात

हसते हसते अपना

पसीना बहाते

जब किसानों की किमत ही नहीं

तो देश को क्यो कृषीप्रधान बताते

ऐसा ही चलता रह्यो तो

कौन किसान बनना चाहेगा

गाव हो जाएगा सूना

शहर भर जायेगा

गेहूँ किसी कंपनी में नही बनता ।

फिर देश के लिए अनाज कौन उगायेगा ।

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## खुशियाँ बाँटो

मनोज्ञा श्रीपाद वैद्य

१२ वीं 'अ' विभाग

छोटीसी खिलखिलाती मासूम सी वह खुशी,

बच्चों की आँखों में दिखती चमचमाती वह हँसी ॥

आज के इस चरमोन्नत जग में, साधनों से मिलती खुशी,

मानवता का हाथ बढ़ाकर, हृदय में बहती नदी ॥

साधना के पथ पर चलकर, सफलता जब मिलती है,

सुख, समाधान और खुशी, तब हि मुख पर खिलती है ॥

खेल-कुद और कला में, खूब वह फुदकती है,

माँ की उस लोरी में, मधुर स्वर दोहराती है ॥

भगवान के भक्ति में लीन हुए आत्मा को, प्रसन्न होकर खूती है,

यह अद्भुत खुशी हमें ईश्वर कृपा से ही मिलती है ॥

छोटे-छोटे पलों से लेकर उन्नत हुए इस आज तक ॥

उदास अगर कोई दिखे कहीं, खुशियाँ बाँटो तब वहीं,

हँसकर जीवन जीने का, यह तरिका है सही ॥

खुशियाँ बाँटो, खुशियाँ बाँटो, आँखों में ताजों हँसी,

दुःख दर्द इस जहाँ से मिटाने को मदद करती है खूशी ॥

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