

DEPARTMENTAL ACTIVITIES LIST – 2017 -18

Sr. No.	Name of the Activities	Date	Students / Staff participation
1	Carrier opportunities after B.Sc	18-08 2017	42 students of FY/SY/TYBSc students
2	Biophysics lab at DEPT. of BIO-PHYSICS	18-09-2017	All SYBSc Students
3	“Einstein in Berne” by Prof. Ajay Palekar	25/09/2017	All BSc & junior college Students
4	Vachan Prerna Diwas	14/10/2017	Junior & Degree college students
5	“Nuclear radius correction to Bethe-Wezisackar Mass formula”	14/12/2017	Nitesh Yadav, Prathamesh Mishra , both T. Y. B.Sc. Physics students,
6	INDUSTRIAL VISIT to SILVASA	28/02/2018	48 students of FY/SY/TYBSc students
7	“The world Meterological Day”.	23-03-2018	20 students of FY/SY/TYBSc students
8	“Bridge Course” for F.Y, S.Y.	7- 03-28 to 11- 03 18	For All FY & SYBSc Students

DEPARTMENT OF PHYSICS

The academic year 2017-2018 for the department had been with numerous activities. The bucket of activities was full with Guest lectures, a visit to research laboratory, industrial visit etc.

- 18-08-2017

It's a departmental practice to felicitate our toppers at T.Y.B.Sc. Mumbai University Examination of March 2017 by our Principle Prof. Paul Raj.

Our toppers :

- Shaikh Nanzeen 87 %
- Surve Mohammad 85 %
- Chaudhary Rafique 76 %

- 18-08 2017

Prof. Deshmukh Vishwas, of the department gave the talk on “ **Carrier opportunities after B.Sc.**” where 42 students of F.Y./S.Y./ T.Y. attended the talk.



- 18-09-2017

Biophysics is the physics of life phenomenon studied at all levels. So, it is introduced in the syllabus of S.Y.B.Sc. Hence Dr. Ranade Head of the Dept. took keen interest in arranging a guest lecture on biophysics followed by a visit to a Biophysics lab at DEPT. of BIO-PHYSICS, Kalina of University of Mumbai. 15 students (of S.Y.B.Sc. Physics) were allowed to perform fundamental experiments in Bio-Physics.

- 25-09-2017

Einstein was the great scientist of the century who put the theory of relativity. Department of Physics Degree and Junior college, organised a guest lecture on “ **Einstein in Berne**” by Prof. Ajay Palekar, Ex-faculty of R.D .National college, Bandra; in the seminar room. 120 students of junior & degree got to know many great things about the great scientist. Prof. Ms Meeta Mehta (Incharge- dept of Physics, junior College) and Prof. Mr. D.R. Sawant co-ordinated the event with staff of degree college Physics Department.



- 14-10-2017

“**Vachan Prerna Diwas**” was also celebrated by Junior & Degree college physics dept. in the seminar room to celebrate the Birth Anniversary of Late **Dr. A.P.J. Abdul Kalam; Honorable Ex. President of India**. Many teaching staff, students actively participated in the function by reading articles from his biography. A quiz was organised for teachers by Prof. Ms. Meeta Mehta and the program was co-ordinated by Prof. Mr. Shaikh Shahabuddin, Prof. Vishwas Deshmukh and Prof Pradnyesh Waghmare. Every staff and students who participated the event were given the participation certificates.

- 14-12-2017

The department has great pleasure to share that under the guidance of Prof. Dr. Ranade, Prof. Deshmukh V, Prof. Dr. Gawda, the research paper entitled “**Nuclear radius correction to Bethe- Wezisackar Mass formula**” by Nitesh Yadav, Prathamesh Mishra , both T. Y. B.Sc. Physics students, was accepted at symposium on Nuclear Physics, organised by DAE-BRNS in association with Thapar University, Patiala, Punjab, on 19 & 20 December 2017. The students bagged the BEST POSTER presentation award at the Symposium.

The students also participated in the “**Avishkar Research Convention 2016-2017**”.

- 20-01-2017

To hunt different carrier opportunities after graduation in medical fields the dept. took undergraduate students to Health care Industry, at P.D. Hinduja Hospital, Mahim, Mumbai, Prof. Waghmare along with 60 students attended a talk given by experts.

- 16-02-2018

Prof. Deshmukh, Prof. Waghmare took extra lectures on Competitive Entrance Examinations like JAM, JEST for M.Sc –Ph.D programme. Out of 4 students one student Mr. Prathamesh Mishra qualified JEST and Secured 148th All India Rank with 80.73 percentile.



- 28-02-2018

INDUSTRIAL VISIT is the most striking activity of the department. Two days Industrial visit was taken to Silvasa. The 3 staff along with the 48 students visited the industries like 1. Cotton Mill Industry. 2. Sterling Generator. The visit was highly informative as the students got to know conversion of cotton into threads, conversion of diesel into electricity.



- 10-03-2018

Mr. Ameya Nagaonkar- Ex student, Application development senior analyst, Accenture services Pvt. Ltd., gave the talk to our students on “ How to prepare and face an interview”.

- 23-03-2018

“The world Meterological Day”. Dr. Ranade along with the 20 students visited the Automatic Weather station and Regional Meteorological centre ; Culaba, Mumbai. There was an active participation and interaction by staff and students with the experts on Cyclones, Radar system, Doppler weather system etc.



- 7-03-28 to 11-03-18
The “**Bridge Course**” for F.Y, S.Y. class was conducted to clear and refresh the basic concepts of physics in various fields of physics like Optics/ Electronics/ Material science/ Thermodynamics etc.

The teachers of the department Dr. Ranade, Mr. Deshmukh, Mr. Waghmare provided “**Financial Assistance**” to a needy students time to time. To develop the scientific knowledge, research ability of the students, various projects were successfully done by the students under the guidance of teaching staff. Some of our students also completed a certificate course in Astronomy; organised by the Wilson college, Mumbai. Mr. Deshmukh provided medical help to the injured student during Industrial visit.

From : Dr. Ranade Abhay J.
Head Department of Physics.