

# Departmental Report

## Physics Department 2012-13

### Departmental Activity

- Guest lecture was organized on 6<sup>th</sup> February 2013 by Dr. Sanjay Dhole, Reader, Department of Physics, University of Pune, Pune on 'Use of Nuclear Radiations for the Society'.
- A State Level Seminar has been sanctioned to the department by BCUD on 'Modeling and Simulation as Teaching Aid' in collaboration with Electronics department.

### Staff Achievements

#### Mrs. Varsha Joshi

- Completed Refresher Course in Physics at Department of Physics, University of Pune between 8 to 28 October 2012.
- Submitted a minor research project to the BCUD.  
Topic: Study of Acoustical Parameters of classrooms of different sizes
- Attended a one day National seminar on 'Higgs Boson' held at Abeda Inamdar College, Camp, Pune.
- Attended a University level workshop on Restructuring of Syllabus of F.Y.B.Sc. at Ramkrishna More College, Akrdi, Pune.

#### Mrs. Chhaya Abnave

- Attended a one day National seminar on 'Higgs Boson' held at Abeda Inamdar College, Camp, Pune.
- Completed a survey during NSS camp on "Consumption of various energy resources by the villagers"

#### Mr. Akshay Vyas

- Participated in National thin Film Synthesis and Characterisation Conference 2012 held at Yashwantrao Mohite College, Pune and stood First in paper presentation.

### Student Activity

#### Study tour-

- F.Y.B.Sc.—Tour was organized on 8<sup>th</sup> January 2013 at Vidnyan Ashram Pabal and Tank Museum, Chand Bibi ka Makbara at Ahamadnagar.

- S. Y. B.Sc. and T.Y.B.Sc.—Tour was organized on 24<sup>th</sup> July 2012 at Gatha Mandir at Dehu road, Modern Energy park Kanhe Phata and Pavana Dam at Pavananagar under the UGC Scheme.
- T.Y.B.Sc.--- Tour was organized at Aurangabad from 20<sup>th</sup> to 22<sup>nd</sup> January. The places visited are Ranjangaon Ganapati Mandir, Bibi ka Makbara, Daulatabad Fort, Ellora caves, Jaikwadi Dam, Paithan Garden (Sound and Light show), Shivaji Museum and Deogad Datta sansthan.

**Science Exhibition-** Students participated enthusiastically in project and model competition of the Science exhibition Anubhuti. Shubhangi Dhumal and Sonali Pawar of F.Y.B.Sc. got second prize in Project competition for their Digital clock from Fruit. Water Level indicator stood second and Hydraulic Lift Stood third on Departmental level.

The model on renewable and non renewable energy sources stood first at departmental level.

**VIVIDHA** —Students of T.Y. B.Sc. actively participated in Exhibition vividha by running a food stall.

### **Inter class Competitions—PHYSIQIA**

1. Physics Quiz was held on 30<sup>th</sup> January 2013. 11 teams participated in the quiz. S.Y.B.Sc. team was the winner .Ganesh Salunke, SuvarnaWalunj and Navnath Hoge were the members of winning team.
2. Physics Puzzle competition was held on 30<sup>th</sup> January 2013. 9 teams participated in the event. Shivanad Birajdar, Shantanu Gholap and Rupali Aware of T. Y. B.Sc.were the winners.
3. A competition of Rangoli based on Physics Theme was held on 31<sup>st</sup> January 2013. 7 teams participated in the event. Vaishali Salunke and Pushpalata Rajaskar of S.Y. B.Sc. stood first for their rangoli on Newtons laws of motion.

### **Student Achievements**

1. Mr. Sanjit Deokar, a student of T.Y.B.Sc. was selected to be a member of Pune University team for attending Interuniversity National Youth Leadership Camp organized by Association of Universities New Delhi at Gurunanak Dev University Amrutsar from 7-11 August 2012. He got second prize for Best Disciplined Team.
2. Gaurav Garote, Ganesh Salunke and Rupali Aware, Students of F.Y., S.Y. and T.Y.B.Sc.(physics) participated in inter collegiate quiz competition Held by Indian Physics Association , Pune Chapter at Fergusson college on 2<sup>nd</sup> February 2013.
3. Sunil Kale, Parag Hatkar and Ajit Ghadhav participated in state level ‘Disaster management’workshop held at B.R.Gholap college, sangvi.
4. Anil Chavan, narayan Shirke , kirti Bhople and Nilima Kabble of S. Y. B.Sc. attended one day workshop on ‘How to Enjoy Physics’held at SP College Pune.

5. Santosh Gange, Rupali Aware, Swapnali Dhangar participated in Yuva Jagar abhiyan held at sangvi, pune

Mrs. Varsha Joshi  
Head of the Department