

Department of Physics: Annual Report

In the academic year 2022-2023, Department of Physics actively participated in various academic activities.

This year our department has successfully implemented and completed **the curriculum as well as CBCS pattern introduced at FYBSc level**. Our department also runs a **departmental library** for students which consists of reference books, study material, study notes, Question paper sets.

The faculty members Mrs. Manisha Ghogare, Dr. Madhukar Solunke , Junior college teaching staff and laboratory staff have duly completed the work allotted to them. The faculty members guided students of BSc semester **I** to semester **VI** in the paper solving technique workshop organised by the college. Internal tests and pre practical exam of FYBSc students is conducted as per **CBCS** pattern. Student's **seminars** , **class tests** were organised by the department. Assignment of **project work is done by the faculty for TYBSc students**. Various activities like '**crossword solving**' and '**word search puzzle solving**' were carried out throughout the year to make the subject more interesting. To update students' knowledge **Whatsapp groups** were formed. Efforts are taken to motivate students by counselling through '**Mentor -Mentee mechanism**'. To create more interest and to make the subject popular Learning Management system **LMS** is adopted using **Google Classroom**. The students were enrolled and asked to watch ppts , videos ,demonstrations of certain concepts as well as were asked to solve online tests, MCQs, Problems.

Our faculty is also actively participated in **Tree Plantation. Blood Donation, Shramdan Activity** , working as in-charge or as a member in various committees.

Mrs. Manisha Ghogare

1. Mrs. Manisha Ghogare guided students of FYBSc by delivering lecture on '**Impotance of Physics in day -today life and Carrier opportunities in Physics**, under Bridge course/ induction programme.
2. Mrs. Manisha Ghogare delivered a lecture on '**NanoScience**' under Science forum for current academic year.
3. Mrs. Manisha Ghogare worked as a Coordinator of **IQAC**, NSS Programming officer(upto September 2022), Member of student counselling committee, admission committee, purchase committee, Staff Grievance Committee, AQAR drafting/ documentation committee, SSR preparation NAAC IV cycle committee.

Prof. Dr.Madhukar Solunke

1. Presented Paper entitled 'Preparation and characterization of Bismuth Borate lass for Gamma Ray shielding Application' in international conference on Material Science and Nanotechnology held on 24 March 2023 by MGM University,Sambhajjinagar.
2. Presented Paper entitled 'Effect of addition of Sn on superconducting properties' held on 27,28 February 2023 in National Seminar on Recent Trends in Material Science and nanotechnology.

Mrs. Manisha H. Ghogare
Head , Department of Physics.