



DCT's
Dhempe College of Arts and Science Miramar, Panaji-Goa

**Report of the Science Exhibition organised by Department of Physics on
30th January 2024**

Department of Physics organised Science Exhibition on the theme “Fun with Matter” on 30th January 2024 under DBT Star College Scheme

Objective

Outreach program of the department to make concept in Optics, Mechanics, and Electronics simpler.

Proceedings

Students from FYBSc, SYBSc and TYBSc put together the science exhibits on the theme “Fun with Matter” In the exhibition following experiments were presented

1. Dispersion spectra
2. Absorption spectra
3. Harmonics in strings
4. Lissajous figures
5. Newton’s Rings
6. Cavendish Experiment
7. Newton’s Cradle
8. Surface tension
9. Michelson’s Interferometer
10. Total internal refraction
11. Newton’s Experiment on white Light
12. Diffraction using Slit/wire
13. Hologram
14. Uncertainty Principle
15. Phases of Moon

Students from People’s Higher Secondary School, Mustifund High School, Bal Bharati Vidhya Mandir -Ribander, NCS High School-Verem, Dempo BBA paid visit during the exhibition and appreciated the exhibits demonstrated by the students. 17 students participated in the exhibition

Faculty from Department of Physics Dr. Swati Pawar(H.O.D.), Dr.Ramu Murthy, Dr. Miskil Naik, Ms.Siddhi Parsekar ,Ms. Ridhi Alornekar guided the students along with the support staff of the department. The Departmental Science exhibition was coordinated by Dr. Miskil Naik.





Prof. Vrinda Borker
Principal

Dr. Swati Pawar
Coordinator of the visit

Dr. Miskil Naik
Event- Coordinator