

Department of Physics

We at a glance

Established in 2012, the Department of Physics offers Physics to all aspirants of B.Sc. programme. The Department conducts Bridge courses for the first students as per the syllabus designed by staff of this Department. The Department also conducts Remedial Classes for slow learners and offers guidance to Advance Learners. The Department has flexibility in conducting tests, tutorials, seminar etc. The Departmental Library is enriched with a variety of reference books, E-Books and video lectures on Physics. The Subject Literary Association involves in various co-curricular and extracurricular activities. The Department extends the extension activities beyond the classroom by conducting field visits and by arranging guest lectures from eminent personalities. The Department intends to take lead role under the able guidance of Lt. Dr. Yogesh More (Ph.D., M.Sc. Physics) in bringing revolutionary changes in the society through scientific and research activities.

Salient features of the Department

- Student centric outcome-based education
- ICT Based, Participative teaching learning process
- Remedial & Bridge courses for slow learners
- Well-equipped laboratory
- Departmental Library
- Consistency in good academic results
- Research publications in peer reviewed journals with good Impact Factor
- Active participation of Faculty & Students in major activities of the college
- Faculty and Student Exchange Programs with fellow Institutions

Laboratory

- Dark Room
- The laboratory is well equipped, ventilated and spacious giving each individual student with sufficient space for working

Departmental Library

- Besides the Central Library, we have Departmental library for our students. More than 100 book titles are available in the library.



LT. DR. YOGESH MORE

Designation

- Assistant Professor
Department of Physics

Academic Qualification

- **M.Sc. (Physics), Ph. D.**

Doctor of Philosophy

- Topic- Study of Phosphorous for Optically Stimulated Luminescence Dosimetri

Teaching Experience

- 09 Years

Research Experience

- 05 Years

Awards and Achievements

- Junior Research Fellowship by ICMR
- Junior Research Fellowship by BRNS
- Senior Research Fellowship by BRNS
- Best Paper Award at International Conference on Research Frontier in Sciences (ICRFS 2021) organized by G H Risoni College of Engineering Nagpur.
- Lieutenant rank by Ministry of Defense

Patents

- National Patent (201621037147) entitled “Refined light trapping technique using 3-dimensional globule structured solar cell” published on 04/05/2018

Research Papers published in International and National Journals/ Conferences

- 20 Research Papers are published in various International and National journals

- 14 Research Papers are presented in various International and National conferences
- Published one chapter in book entitled “Borates and Phosphors Processing to Applications by Routledge, Taylor and Francis Group”

No. of FDP, Conferences and workshops attended

- 13 Conferences, 3 FDPs and 5 workshops attended at National and International level

Academic Membership:

- Life member of Indian Association of Radiation Protection (IARP)
- Life member of Society for Technologically Advanced Material of India (STAMI)

Guest lecture delivered

Guest Lecture on Operational Amplifiers at Department of Physics, Arvindbabu Deshmukh Mahavidyalaya, Bharsingi on 19 April, 2022.