



M.Sc. Physics

ADMISSIONS OPEN

2024



Duration:
Two years

Program Overview

The curriculum for M.Sc. Physics program has been developed based on the UGC Model Curriculum and the syllabus for the UGC-Net Examination with a choice-based credit system in 2019 with a maximum intake of 30 students.

The program is designed to serve as a certified qualification to both students aspiring for an autonomous degree and those who intend to advance in the field of research. It is premeditated, considering the importance of Physics and the emerging fields of Physics and Materials Science. This provides the knowledge, understanding, research materials, opportunities, skills, and techniques for undertaking the program efficiently. It aims to produce highly efficient post-graduates, who can accomplish a wide range of expertise in the subject.

To strengthen the efforts of ensuring employability, the Department proposes to hold annual meetings of Research Institutes, and Industries for a joint consultation with them to identify the specific needs of the R&D, Industry and update the syllabi accordingly. To achieve 100% placement, the department endeavors to prepare the graduates with skill and endurance

Eligibility:

B.Sc. degree in Physics discipline with a minimum aggregate score of 50% marks.

Fee Structure

Particulars	Amount in INR	
	1 st Year	2 nd Year
Application Fee	400
Tuition Fee	10,000	10,000
Exam Fee	2,000	2,000
Caution Deposit <i>(Refundable)</i>	3,000
Total	15,400	12,000

FACILITIES & SOFTWARES AVAILABLE

- » UV-Visible Spectrometer
- » High Temperature Furnace
- » Spin Coating unit
- » Muffle Furnace
- » Fume Hood
- » Hot Air Oven
- » Autoclave
- » Dielectric setup
- » ESR
- » Hall Effect setup
- » Four Probe Resistivity setup
- » MATLAB (2024a)
- » High-Speed Centrifuge

CONTACT

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Associate Professor & Head

Department of Physics

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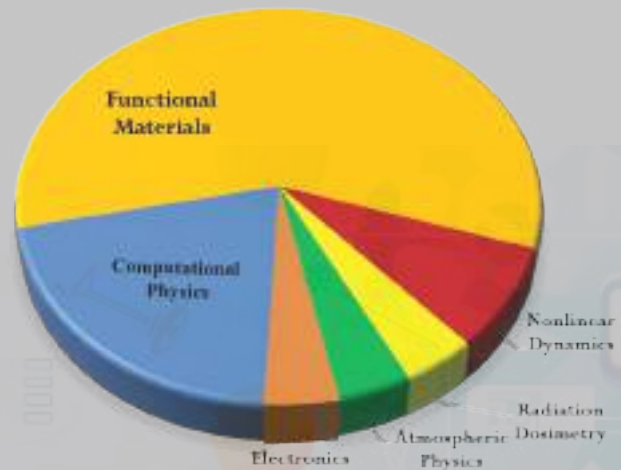
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Department Highlights

- Highly qualified and dedicated doctorate faculty members with extensive research exposure
- Faculty with 100% doctorates include post-doctorates, NET, SET, and GATE qualifications
- Active Placement guidance, foreign language courses, and IELTS Nodal Centre
- AC classrooms with projector and Wi-Fi facilities
- Teaching and practicing through active learning methodologies
- Value - Added Courses
- Sophisticated Central library with e-resources
- Department library with more than 600 textbooks
- TBI-NIDHI Prayas supports students' new ventures and innovations up to 50 Lakhs
- 100+ MoU with international universities for student and faculty exchange programs
- Industry liaison results in outstanding internship and placement opportunities
- Productive R&D Park focuses on Innovation and product development
- Rewards & Credit relaxation for student research accomplishments
- Internship with Research centers, R&D labs, industries, and academic institutes
- Advanced research exposure to the students through Industrial Visits
- Student Support Services include Academic advising, personal counseling, career services, and extra-curricular activities
- Alumni Progression in R&D activities, teaching, scientific solutions, and entrepreneurship



Thrust Areas of Research



Registration Link

<https://bit.ly/3WQoVKI>

(or)

Scan and Apply 

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