



Ahmedabad University is a private, non-profit research university founded in 2009 by Ahmedabad Education Society (AES), offering a liberal education focused on interdisciplinary learning and research thinking.

AHMEDABAD UNIVERSITY
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PhD Programme in Physics

The Mathematical and Physical Sciences division of the School of Arts and Sciences offers a PhD Programme in Physics that prepares students for a career as a researcher, either in academia or in industry. The Physics faculty members are actively engaged in research in some of the frontier areas that include Atmospheric Science, Astronomy and Astrophysics, Atomic, Molecular and Plasma Physics, Complex Systems and Biological Physics, and Gravitation and Cosmology. The research carried out by the faculty members involves national and international collaborations supported by competitive grants.

More details about the faculty profiles can be found at www.ahduni.edu.in/faculty

RESEARCH AREAS IN PHYSICS

- Stellar populations, extragalactic star-formation, galaxy evolution and big data analysis in astronomy
- Plasma and Ion Beam Physics
- Slow light, and Quantum memory
- Optical Magnetometry, Quantum sensors, Nonlinear Optics
- Atmospheric Physics, Air Pollution, and Climate Change
- Statistical Physics

FINANCIAL SUPPORT

The University awards full tuition fee waiver and financial support to full-time doctoral students. The University also encourages Indian and foreign students to apply for funding from external sources. The financial support could be either University Assistantship or University Fellowship, or from external sources. We offer University Assistantships at INR 40,000 per month plus tuition fee waiver, and University Fellowships at INR 50,000 per month plus tuition fee waiver.

Eligibility:

- The applicant must have completed a Master's degree in Physics with a minimum of 55% or equivalent grade.
- The candidates who have qualified CSIR-UGC NET (JRF)/GATE/JEST (with 90 percentile or above in GATE/JEST) will be exempted from the written test and will be directly called for the interview.
- In exceptional cases, a candidate with a 4 years Bachelor's degree may be admitted to the programme, albeit with the requirement of completing additional credits as per the overall PhD policy of Ahmedabad University.

IMPORTANT DATES FOR WINTER SEMESTER 2025

Application Portal Opens:	Monday, 16 September 2024
Application Deadline:	Wednesday, 6 November 2024
Tentative Date for Test and Interview:	25-27 November 2024
Announcement of Results:	Monday, 9 December 2024

For more details visit: www.ahduni.edu.in/admission/doctoral-admission or write to: programmechair-phd_physics@ahduni.edu.in

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