

# Greetings from IUST Awantipora!

## Dear Students

It's my pleasure to welcome you to the Department of Physics, IUST. I congratulate you for making it to this department and I am sure that you will continue your intellectual journey in this department and will have an apt opportunity to realise your potential. You will discover that one of our defining characters is our commitment to freedom of enquiry and expression. Mutual respect and civility are vital to all of us here and you will discover that you will be engaged in debates, discussions, and deliberations of various kind, necessary for the overall development of a student.

The department has revised its syllabus for the master's programme in November, 2021 that is available on our departmental webpage. We are keen to bring the syllabus in tune with the guidelines of New Education Policy 2020 as early as possible. The programme with its core-specialization structure offers a wide variety of possibilities, enabling you to pursue your particular ambitions and interests in this fascinating area of science. Courses at different levels of specialization will enable you to deepen your physics knowledge and find out how it is applied in modern research and development. There are various electives and optional subjects which are interdisciplinary and have immense applications in all spheres of life. It is at par with the existing syllabi of other universities and institutes of the country.

The department has state-of-the-art laboratory facilities with modern equipments. The laboratories once completely established in all respects shall be made open to the interested students of the country, where they can carry their summer/winter internships as well. We are convinced that we are in the process of creating a rewarding and challenging post graduate programme in physics here at IUST that shall prepare every serious student for a bright future in physics.

The department has also started Ph. D programme in 2019. The thrust areas include nuclear physics, condensed matter physics, material science, astrophysics and image formation by interferometry techniques. The Ph D aspirants are encouraged to seek admission in the department, and I am sure that they will realise their research potential fully while working with the able faculty of our department.

I welcome you again!

**Dr. Niyaz Ahmad Rather**  
**In-Charge Head**  
**Department Of Physics**  
**IUST**