



**SERB sponsored Summer School on**

# Role of Energetic Ions in Materials Science



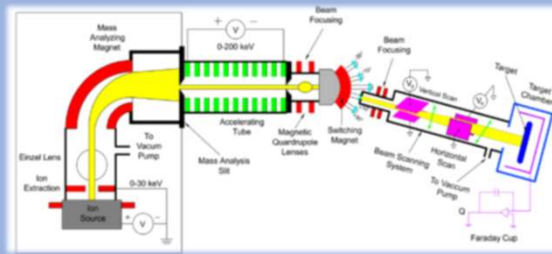
(24-29 June 2024)

Department of Physics

## Malaviya National Institute of Technology Jaipur



Ion Accelerator, KU



### **Patron**

**Prof. Narayana Prasad Padhy**  
Director, MNIT Jaipur

### **Chair Person**

**Prof. Kanupriya Sachdev**  
HOD, Physics

### **Convenor**

**Dr. Rahul Singhal**  
Department of Physics

### **Coordinators**

**Dr. Srinivasa Rao Nelamarri**  
**Dr. K. Venkataratnam Kamma**  
**Dr. Raj Kumar Joshi**

### **HOW TO APPLY**

The applicant must fill the online application form to apply using the google form link given below:

<https://forms.gle/NjqoSPM3tMywGeKB9>

### **IMPORTANT DATE**

**The last date to apply:**  
**15/06/2024 (5:00 pm)**

### **About MNIT Jaipur**

The Institute was jointly established in 1963 as Malaviya Regional Engineering College Jaipur by the Government of India and the Government of Rajasthan. Subsequently, on 26 June 2002, the college was given the status of National Institute of Technology. On 15 August 2007, it was recognized as the Institute of National Importance through an Act of Parliament. The Institute is fully funded by the Ministry of Education (Shiksha Mantralaya), Government of India. The Institute lies in the heart of the pink city, imaginatively laid out with a picturesque landscape of 317 acres. It presents a spectacle of harmony in modern architecture and natural beauty. The campus is located in close proximity of Jaipur airport, railway station, major hospitals, and shopping malls.

### **About Summer School**

School is aimed to provide specialized lectures and training to the UG, PG, PhD students and faculty members from different institutions across the country. Lectures will be delivered by the eminent faculty members and scientists from IITs, NITs, Central Univ., DAE, CSIR and UGC labs etc.

### **Eligibility**

The school is open for UG, PG, PhD students and faculty members who are having a strong orientation towards scientific research.

### **School Contents**

Ion irradiation and implantation, interaction between different energetic ions and materials, low energy and high energy accelerators, ion induced modifications in materials such as damages, sputtering, intermixing, phase transformation, ripple formation etc, ion implantation for doping semiconductors, ion beam analysis for thin films, Rutherford backscattering, focused ion beams, ion beam modifications of surfaces and 2D materials.

### **REGISTRATION FEE**

The candidates who are looking to apply for the school is required to submit a registration fee of Rs. 7000/- + 18 % GST (a total of Rs. 8260/-) via online bank transfer in the following bank account and then submit the copy of transaction details to the following email: [mnitsummerschool@gmail.com](mailto:mnitsummerschool@gmail.com) and also on google form link as given above.

- A/c No.: 676801700388
- A/c Name: Registrar, Sponsored Research, MNIT Jaipur
- IFSC Code: ICIC0006768
- Branch: MNIT Jaipur

Registration fee includes the school registration kit, tea, snacks and lunch during school sessions. The accommodation may be provided to the outside candidates at MNIT Guest House during June 24-29, 2024 on first-come-first-served basis.

**Email: [mnitsummerschool@gmail.com](mailto:mnitsummerschool@gmail.com)**