

New Initiatives

1. Upcoming research facility

Establishment of 3.0 MV Particle Accelerator Based Interdisciplinary Centre

Department has taken a bold initiative under the leadership of honorable vice chancellor, Dr. Lakshman Chaturvedi, to establish a 3 MV high current pelletron accelerator facility. This facility will make us to stand in the national science picture as one of the emerging research department of the country. The coming up facility will provide opportunities to carry out interdisciplinary research work in various branches of science.



2. New courses at PG level

➤ **Approved programs**

• **M. Tech. in Nuclear Technology**

Department is going to establish 3 MV accelerator center, in order to fully utilize the facilities available at accelerator center and to generate skilled manpower required for various national and international laboratories for research and teaching in nuclear technology.

• **M. Tech. in Nano-Technology**

At present, Nanotechnology is the cutting edge technology applicable in the different field of the science. In order to fulfill the emerging requirement of the capable manpower for basic and application oriented research and development in the field of nanotechnology, department propose to start this course. In this course, the theoretical as well as experimental knowledge along with industrial training shall be given to students.

➤ **Following new specializations at M.Sc. Level are proposed**

• Laser Physics & Spectroscopy

• Plasma Physics

➤ **M.Sc. in Nano Science and Nano Technology is to be introduced.**