

M Tech - Solid State Technology

Program Educational Objectives (PEO)

1. The course has successfully generated students with the potential for developing new technologies in Space Science and Development.
2. The course has generated resources to equip students to take up challenging research and technology problems.
3. Students of this course have joined as Ph.D. candidates in international and national institutes of worldwide recognition. Thus, the course has produced eminent candidates for future research.
4. In association with various ISRO Centers, the course has been successful in generating trained professionals for the Indian Space Research Organization.

Program Outcomes (PO)

1. To generate highly skilled persons trained in solid-state technologies to take up challenges in strategic sectors such as the semiconductor industry, energy sector, and quantum technologies.
2. To cater to specially skilled people for future technologies by enforcing their fundamental and applied scientific knowledge.
3. To train the students to think out-of-box of the usual curriculum by research-level projects and laboratory training.
4. To generate human resources for the Space Technology research so that they can be value-addition to the Indian Space Research program.