

## **M Tech - Optical Engineering**

### **Program Educational Objectives (PEO)**

1. Students are equipped to handle diverse optics-based applications required in the industry.
2. Students go on to be absorbed in the industry, which is oriented towards optics-based space applications, optics-based defense applications, optical technology for communications, optical components manufacturing, optical device manufacturing etc.
3. To pursue optics-oriented research and development.

### **Program Outcomes (PO)**

1. Train students of diverse backgrounds holistically towards optics-based technology. Advanced concepts like Fourier optics, holography, image processing, guided waves, etc., are complemented by practical courses like laser and optoelectronics, optomechanical design, adaptive optics, etc.
2. To impart practical working knowledge of optics-based technology, where the student learns certain aspects of optics-based technology. Students, as part of the curriculum, during their project phase, work on optics application-oriented research problems, both experimental and theoretical work.
3. To train them towards cutting-edge applied optics-based research.