

Present and Future Scope
of
M.TECH. IN OPTOELECTRONICS AND LASER TECHNOLOGY

**School of Studies in Electronics & Photonics
Pt. Ravishankar Shukla University, Raipur (C.G.)**

UGC & AICTE approved

Photonics has been deemed the 21st century revolutionary technology that would create as enormous impact as electronics. Graduates with training in photonics and related technologies are in high demand now a days. Optoelectronics and Laser technology has emerged as multidisciplinary subject of great breadth and richness, attracting the interest of scientists, technologists and industrialists due to its manifold scientific and technological applications. Only few institutes or universities have M.Tech programme in Optoelectronics and Laser Technology in India, amongst which one is the School of Studies in Electronics & Photonics, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.

Two-year M. Tech Programme in Opto-electronics and Laser Technology is sponsored & approved by **University Grants Commission under its National Innovative Programme: Teaching and Research in Interdisciplinary and Emerging Areas & All India Council of Technical Education (AICTE)**.

This M.Tech. programme aims to provide advanced training in the interdisciplinary areas of Optoelectronics, Fiber optics, Optical communication and laser Technology. Our M. Tech programme emphasizes on practical applications of photonics and provides an educational experience relevant to the student's future career in the photonics-based industries. During the tenure students will get great

exposure to attend and participate in National or International level of Conferences, Seminars, Workshops, and Symposiums conducted by various institutes, universities and Govt. organizations.

After completion of one year in M.Tech programme, the students will be provided with opportunity of final one year project at **RRCAT- Indore, ISRO, CSIO- Chandigarh, CEERI –Pilani, RRI -Bangalore, PRL- Ahmadabad, NPL New Delhi, DRDO, IITs, NITs and other research centers of National & International reputation. They are getting placement in multinational companies, Industries, Academics and other Govt. and private Organizations.**

The benefits of UGC & AICTE approved M.Tech in Optoelectronics & Laser Technology are:

1. More and better Photonic companies are coming for Campus Placement in leading Institutes. Higher salaries are being offered for M.Tech as compared to B.E. or M.Sc.
2. This M.Tech degree leads to specialization and furthering of interest in a certain area which may lead to Ph.D.
3. M.Tech degree is a must for those wishing to apply for Faculty/Research positions in educational Institutes/R&D centers.
4. The M.Tech program is a 4 semester (24 months) program with one full year for research project at leading R&D organization; so get more time to work out career opportunities.
5. **MOST IMPORTANTLY to get to be a part of any nationally reputed Educational Institute and enjoy learning and research.**
6. **GATE** qualified candidates get **stipend** from **AICTE**.