

Salient Features of the M. Tech. Laboratories
Department of Applied Physics

1. Spacious Laboratory (~ 2000 sq. ft.) that can accommodate 60+ students at a time.
2. 30+ work benches/optical tables along with movable workstations/tables for every student to perform experiments individually.
3. 30+ Laser & Optical Communication state-of-the-art experiments and 20+ Sensor Technology experiments from basic to advanced level including mini projects.
4. Minimum of 8hrs (weekly) experimentation time and well trained & dedicated laboratory staff.
5. Well maintained equipment along with well-prepared Lab-manuals.
6. Optical isolation, dust isolation & air-conditioned lab with UPS backup to perform hassle-free experiments.
7. Preloaded video demonstration of the actual experiments to be performed is available for major experiments on 42" big screen.
8. Can facilitate M. Tech. 2nd year students for their research projects.
9. Lab safety protocol strictly maintained, like display of sign boards, etc.
10. Laser safety exam is mandatory before starting the Laser lab practical.
11. LAN/Wi-Fi facility available in the lab.
12. Simulation software is available for advanced experiments (Opti-system, Vivado, LabVIEW).
13. Can support departmental additional activities i.e. in-house/national workshops.