



राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
National Institute of Technology Delhi
(An autonomous Institute under the aegis of Ministry of Education, Govt. of India)

यू.जी. भौतिकी प्रयोगशाला

U.G. Physics Lab.

कमरा नं 203, मिनी कैंपस

Room No. 203, Mini Campus

Lab In-charge:

Dr. Gyanendra Sheoran

Associate Professor (Physics)

Department of Applied Sciences

National Institute of Technology Delhi

The UG Physics Laboratory are having well equipped spacious laboratories with pleasant working environment. The laboratory have ultra new apparatus and equipments to expose the students to new trends in the field of Science and Technology. UG Physics Laboratory Equipped with the basic/advanced experiments related to Optics, Physics, Electoptics and Electronic Science.

Experiments Area

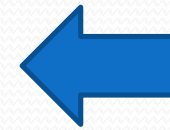
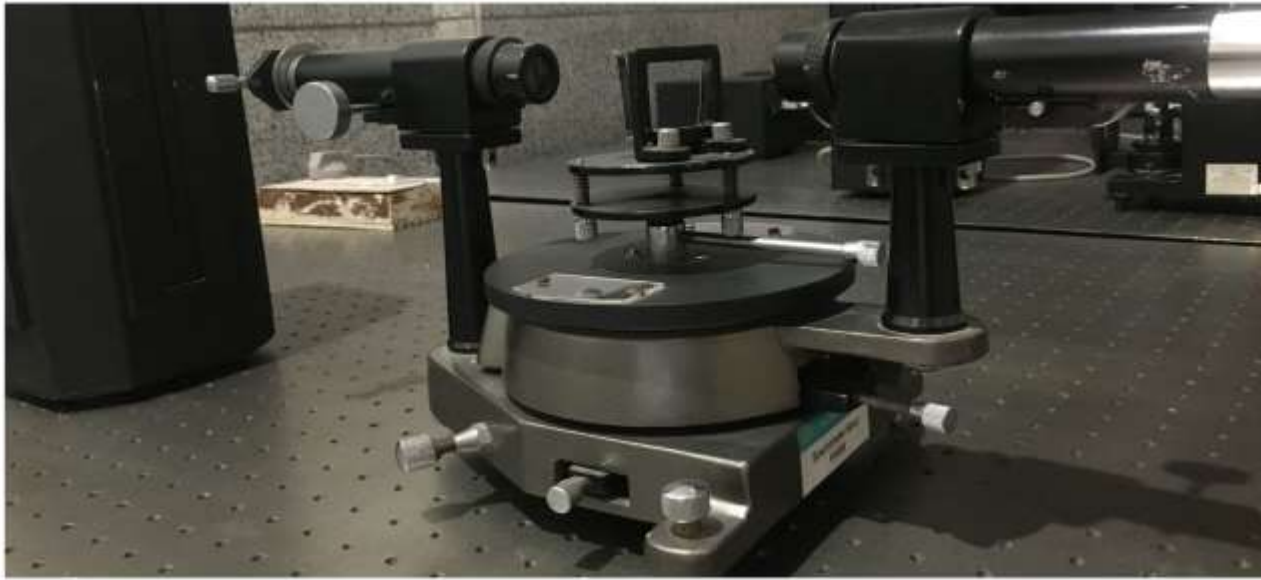
Semiconductor based Experiments

- Energy Band Gap Experiment
- Plank's Constant Experiment
- PN junction Experiment
- LED Diode Experiment
- Zener Diode Experiment
- RLC- Series & Parallel Experiment

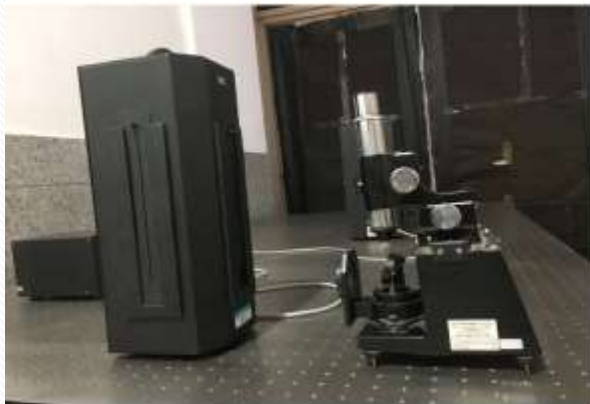
Optics based Experiments

- Interference: - Newton's rings Experiment
- Diffraction:- Wavelength via Spectrometer
- Polarisation:- Malus's Law

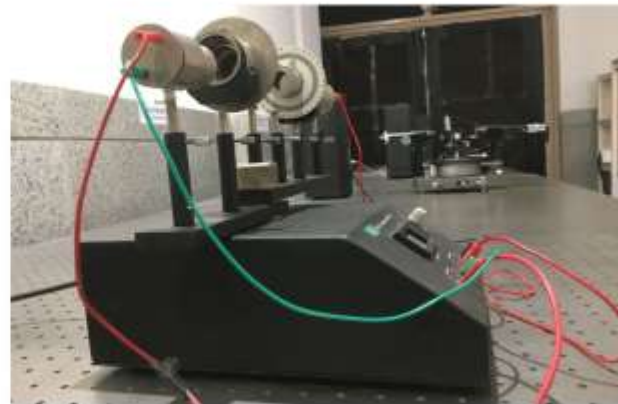
Spectrometer Set up



Optics based
Experiments



Newton's Ring Experiment



Malus's Law Experiment

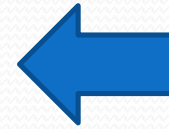
Diode Experiment



RLC – Series & Parallel Experiment



Semiconductor based Exp.



CRO with power supply and e/m set up

Energy Band Gap Experiment



Plank's Constant Experiment





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