



**Sant Longowal Institute of Engineering &
Technology, LONGOWAL - 148106 (Pb)
INDIA**

CENTRAL FACILITY LAB

ADVANCED R&D EQUIPMENTS

UV-VIS SPECTROPHOTOMETER



A UV-VIS Spectrophotometer (Shimadzu 2600i) is an analytical instrument used to measure the absorption or transmission of ultraviolet and visible light by a sample. It is widely used in scientific research, industrial analysis, pharmaceutical, environmental studies, and material science.

APPLICATIONS

- ✓ Determination of metal ions.
- ✓ Nanoparticle Characterization
- ✓ Band Gap Determination
- ✓ Identification of organic compound
- ✓ Detection of impurities
- ✓ Structural characterization

- ✓ **PHOTOMETRIC SYSTEM:**
DOUBLE BEAM OPTICS
- ✓ **WAVELENGTH RANGE:**
185-900 nm
- ✓ **WAVELENGTH ACCURACY:**
+/- 0.1 nm
- ✓ **RESOLUTION:**
0.1 nm
- ✓ **DETECTOR:**
PHOTOMULTIPLIER

UV-VIS Spectrophotometer Samples may be sent for **Analysis to: Prof. Harish Chopra, CHAIRMAN, Central Facility Lab., Science Block, SLIET, Longowal - 148106 (Pb) INDIA**

Contact Us



E-mail

centralfacility_lab@sliet.ac.in



Website (For details/Rates)

<http://sliet.ac.in/2020/06/circular-for-charges-for-testing-analysis-on-xrd-system/>