

Characterization Laboratory (M. Sc.)

Department of Physics, NIT Srinagar

Faculty Incharge:
Student:

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C. No. : **PSPHY-LB4**
R. No. :

S. No.	Name of Experiment	Bench No.
1.	Record the absorption/transmittance spectra of a semiconductor material using UV-Vis spectrophotometer and calculate the optical band gap.	
2.	Analyze the surface morphology of the SEM sample with the help of Image J software.	
3.	Phase identification and unit cell calculation of synthesized material using XRD.	
4.	Study of electrical properties of given materials.	
5.	Investigate the composition analysis with the help of EDX.	