

**Department of Materials Science and Engineering
Indian Institute of Technology Patna**

Date of Booking		
Name:	Email id:	Phone No:
Name and Signature of Supervisor:		

Equipment to be Used	No of Hours/ Samples/ Runs	Sample Details (Hazardous/solid/powder/ Liquid/Magnetic/Volatile)	Experimental Parameters and Data Requested
Dynamic mechanical analyzer (DMA)			
Modular compact rheometer (MCR)			
Universal testing machine (UTM)			
Injection molding machine			
Compression molding machine			
Haake internal mixer			
Two roll mixing mill			
Moving die rheometer			
Chamber Furnace (up to 1100°C)			
Tube Furnace (up to 1400°C)			
Muffle Furnace (up to 1600°C)			
Heating oven (up to 300°C)			
Millipore water			
JCPDS database software			
Phase diagrams database software			
One common form for the use of Fume Hood, Centrifuge and ultrasonicator			
Hydraulic press for making pellets			
Plasma Spraying for Coating			
Chamber Furnace (Upto 1750°C)			
Hardness and Scratch Tester			
Optical Microscope			
Potentiostat/Galvanostat			
Grinding/Polishing			
Ball Milling			
Helium Gas Pycnometer			