

Research Facility Equipment: Sikkim Manipal Institute of Technology (SMIT)

SI No	Name of the equipment	Location	Functional
1	5G IoT Test Bed	Department of ECE	Working
2	AFM-STM	CMSNT	Working
3	Centrifuge	CMSNT	Working
4	CNC Lathe Machine	Department of ME	Working
5	Contact Angle Measurement	CMSNT	Working
6	Controlled Solar Panel	Department of EE	Working
7	Direct Shere Test Setup	Department of CE	Working
8	DSC	Chemistry	Working
9	ECR Microwave PECVD	CSMNT	Working
10	Electro Discharge Machine	Physics	Working
11	Electrochemical Analyser	Chemistry	Working
12	FTIR	Chemistry	Working
13	HPLC	Chemistry	Working
14	Hydraulic Flume	Department of CE	Working
15	LASER Beam Machine	Department of ME	Working
16	Los Angeles Abrasion Testing Mac	Department of ME	Working
17	Microprocessor Controlled Oven	Physics	Working
18	Optical Microscope	CMSNT	Working
19	Param Shavak	Central Facility-R&D	Working
20	Pelton Wheel Turbine	Department of CE	Working
21	Photo-Chemical Reactor-1500ml	Chemistry	Working
22	Plasma Glow Discharge Setup	Physics	Working
23	Robotic Research (1)	CSE	Working
24	Solar Cell Simulator	CMSNT	Working
25	Spectrofluorophotometer	Chemistry	Working
29	TGA-DSC	Chemistry	Working
30	Thin Flim Deposition Setup	CMSNT	Working
31	UV-VIS Spectrophotometer	Chemistry	Working
32	Vertical Milling Machine	Department of ME	Working
33	VNA	department of ECE	Working