

NAME OF DEPARTMENT: MECHANICAL

Name of Instrument	Model & Make	Tests to be performed	Amount (INR)			Deptt. Concerned Contact No.
			Internal	External	Under Collaboration	
Tool Maker's Microscope	2014	To see Profile & Measurement Minor dimensions of sam	800	1000	As per term and condition	87250-72416
Surface Roughness Tester	2014	To measure Surface Roughness of any sample	400	500	-	87250-72416
Micrometer of various ranges	1993	To measure Micro lengths/diameters of any sample	160	200	-	87250-72416
Vernier Caliper	1993	To measure lengths of any sample	80	100	-	87250-72416
Metallurgical Microscope	2006	Check the micro Structure of sample	240	300	-	87250-72416
Slow Speed Saw with Diamond Cutter	2006	Cutting of Coated Samples	400	500	-	87250-72416
Micro Hardness Tester	2006	Checking of Hardness Samples	400	500	-	87250-72416
Wear and Friction Tester	2008	Check of Wear & Friction	400	500	-	87250-72416
Sample Analysis using Air Jet Erosion Tester	2008	Erosion teasting	1200	1500	-	87250-72416
Digital Universal Testing Machine	2014	Tensile, Bending & Compression testing	1200	1500	-	87250-72416
Variable Compression Ratio Multi fuel Engine (Computeris	2014	Research on Various Fuel Properties	4000	5000	-	87250-72416
Double Disc Polishing Machines	1993	Polishing of samples	120	150	-	87250-72416
Tube Furnace	1993	Corosion teasting	120	150	-	87250-72416
Impact Testing Machine	1993	Impact testing of sample	120	150	-	87250-72416