



The following consultancy/ Sample analysis charges were finalized to use the equipment in different laboratories. The users can request to avail the facilities through google forms submissions: <https://forms.gle/hY3WYbvsjGj9nis67>

Sl. No	Lab	Equipment	Charges for Crescentians *(GST applicable)	Charges for Other Academic institutions *(GST applicable)	Charges for Industries *(GST applicable)	Lab head	Tests
1	CIM	Batliboi Sprint 16 TC (Turning Machine)	Rs.300/hr	Rs.300/hr	Rs.500/hr	Mr. M.Balasrinivasan balasrinivasan@crescent.education	Machining
		Bharat Fritz Werner BMV35 TC20 (Milling Machine)	Rs.300/hr	Rs.300/hr	Rs.500/hr		Machining
		Olivetti S2 – 3D FDM printer	Rs. 2.50 / min	Rs. 2.50 / min	Rs.5.00/min		3D printing Parts
		Bambu X1C FDM Printer	Rs. 2.50 / min	Rs. 2.50 / min	Rs.5.00/min		
		ELEGOO MSLA Printer	Rs. 2.50 / min	Rs. 2.50 / min	Rs.5.00/min		
2	Dynamics	Uniaxial Accelerometer	Rs.300/-	Rs.500/-	Rs.1000/-	Dr. Syed Shahul hameed syedshaulhameed@crescent.education	Vibration analysis
		Tri-axial Accelerometer	Rs.300/-	Rs.500/-	Rs.1000/-		
		Impact Hammer	Rs.300/-	Rs.500/-	Rs.1000/-		
		Data Acquisition System	Rs.300/-	Rs.500/-	Rs.1000/-		
		Uni-axial Shaker	Rs.300/-	Rs.500/-	Rs.1000/-		
		146AE – ½" CCP Free field condenser microphone	Rs.300/-	Rs.500/-	Rs.1000/-		Acoustics Analysis
3	Thermal Engineering	Computerized Variable Compression Ratio Engine (Petrol & Diesel)	Rs.975/-	Rs.1525/-	Rs.1949/-	Dr. S. Mohamed Ilyas	Engine performance



						illyas@crescent.education	analysis
		Exhaust Gas Analyzer	Rs.297/-	Rs.402/-	Rs.636/-		Exhaust Gas Analysis
		Composite plane wall – Thermal Conductivity Measurement	Rs.339/-	Rs.466/-	Rs.678/-		Thermal Conductivity
4	Welding	TIG	Rs.150/Sample	Rs.200/Sample	Rs.500/Sample	Dr.A. Varunkumar varunkumar@crecent.education	Welding
		MIG	Rs.150/Sample	Rs.200/Sample	Rs.500/Sample		
		Metal Arc	Rs.150/Sample	Rs.200/Sample	Rs.500/Sample		
5	Robotics	MIG	Rs.200/Sample	Rs.300/Sample	Rs.600/Sample	Dr.C.Sivakumar sivakumar@crecent.education	Welding
6	Metrology	Coordinate Measuring Machine	Rs.300/hr	Rs.500/hr	Rs.1000/hr	Dr.D. Pradeep Kumar pradeep@crecent.education	Measurements
		Toolmakers Microscope	Rs.50/-	Rs.100/hr	Rs.200/hr		Tool/Hole measurements
		Surface roughness	Rs.300/reading	Rs.500/reading	Rs.1000/reading		Roughness measurements
		CMOS and CCD Camera (Monochrome GigE)	Rs.100/image	Rs.200/image	Rs.300/image		Images
		3D scanner	Rs.500/-	Rs.750/-	Rs.1000/-		Product scanning
7	Metallurgy	Cryogenic Process Equipment	Rs.200/hr	Rs.500/hr	Rs.1000/hr	Dr. M. Thirumurugan thirumurugan@crecent.education	Cryogenic Treatment
		Metallurgical Microscope	Rs.100/Sample	Rs.150/sample	Rs.300/Sample		Microstructural examination



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		Heating Furnace	Rs.200/Sample	Rs.200/Sample	Rs.200/Sample		Heat treatment
8	Material Testing	Rockwell Hardness Tester	Rs.100/Sample	Rs.200/Sample	Rs.300/Sample		Bulk hardness
		Fatigue Testing machine	Rs.250/Sample	Rs.250/Sample	Rs.500/Sample		Fatigue test
		Spring Testing Machine	Rs.250/Sample	Rs.250/Sample	Rs.500/Sample		Tension
9	Surface Engineering	Pin On Disc Machine	Rs.200/Sample	Rs.400/Sample	Rs.800/Sample		Wear test
		Ball Milling Machine	Rs.100/hr	Rs.150/hr	Rs.300/hr		Nano/Micro powders
		Electroless Coating Equipment	Rs.100/Sample	Rs.150/Sample	Rs.250/Sample		Coating
		Micro vickers hardness Tester	Rs.150/Sample	Rs.200/Sample	Rs.300/Sample		Hardness (Microns)
10	Friction Materials	Friction Coefficient Test Rig (Chase Type)	Rs.300/Sample	Rs.2500/Sample	Rs.5000/Sample	Dr.M.A.Saibalaji saibalaji@crescent.education	Brake pad test
11	Machine shop	Electric Discharge Machine	Rs.250/hr	Rs.500/hr	Rs.1000/hr	Dr. R. Karunanithi karunanithi@crescent.education	Non conventional Machining
		Gear Hobbing Machine	Rs.150/-	Rs.300/-	Rs.500/-		Gear making

(Note: +18% GST is applicable for all the testing with above mentioned charges)

A.S. Selvakumar
HoD/Mech
12/8/25

M. S. S. S. S.
12/8/25
Dean/SMS