

Facility usage charges at mPRAGATI

04 Sep. 2024

<b>mPRAGATI Charges</b>				
<b>Facility</b>	<b>Equipment/ Facility</b>	<b>IIT Delhi, AIIMS, and ICMR Labs and ICMR Beneficiaries</b>	<b>Other Research and Academic Institutes, and Start-Ups (Material Cost + Others)</b>	<b>Proposed Charges for Industries</b>
<b>Polymeric 3D Printer</b>	Small FDM	INR 5/ gm	INR 10/ gm + 18% GST	INR 25/ gm + 18% GST
	Large FDM	INR 10/ gm	INR 20/ gm + 18% GST	INR 50/ gm + 18% GST
	Resin Printer	INR 30/ gm	INR 60/ gm + 18% GST	INR 150/ gm + 18% GST
<b>Fatigue Testing Machine Instron 25kN-100 Nm Zwick Roell 10kN-100Nm</b>	Static Tests	INR 250 per sample	INR 500 + 18% GST per sample	INR 1250 + 18% GST per sample
	Dynamic Tests	INR 300/ Hour	INR 600 + 18% GST per Hour;	INR 1500 + 18% GST per Hour;
		INR 10,000 for life cycle tests of one million cycles	INR 15,000 + 18% GST for life cycle tests of one million cycles	INR 50,000 + 18% GST for life cycle tests of one million cycles

**mPRAGATI Charges**

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<b>Metrology testing</b>	3D Optical Profilometer; Microhardness tester; Metallurgical Microscope	INR 300 per sample	INR 600 + 18% GST per sample	INR 1500 + 18% GST per sample
<b>Biocompatibility testing (as per ISO 10993)</b>	In-vitro cytotoxicity (min. 3 replicates)	INR 4500 per sample	INR 9000 + 18% GST per sample	INR 22500 + 18% GST per sample
	In-vitro genotoxicity (5 strains, single conc.)	INR 25000 per sample	INR 50000 + 18% GST per sample	INR 125000 + 18% GST per sample
<b>Non-Destructive Evaluation - Bruker Skyscan 1273</b>	Micro Computed Tomography	INR 2000 per Hour	INR 4000 per Hour + 18% GST	INR 10000 per Hour + 18% GST

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<b>Design For Manufacturing (DFM)</b>	Design for Manufacturability; Injection Molding; Assembly production; Metal and polymer additive manufacturing; CNC Machining; PCB manufacturing	INR 300 per Hour	INR 600 per Hour + 18% GST	INR 1500 per Hour + 18% GST
<b>Regulatory Affairs Consulting</b>	Regulatory Assistance; Submission, Approval, and Maintenance of Regulatory Documents; Liaison with Regulator including CDSCO	INR 300 per Hour	INR 600 per Hour + 18% GST	INR 1500 per Hour + 18% GST

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<b>Printed Circuit Board (PCB) fabrication</b>	1 to 2-layer PCB fabrication (up to A5 size)	INR 1500	INR 3000 + 18% GST	INR 7500 + 18% GST	INR 6400 + 18%GST
	Circuit printing on flexible substrates (up to A5 size)	INR 3000	INR 6000 + 18% GST	INR 15000 + 18% GST	INR 12000 + 18%GST
<b>Electrical Discharge Machining (EDM)</b>	Die-sinking EDM	INR 600*	INR 800* +18% GST	INR 1200 * + 18% GST	INR 1000 + 18% GST
	Wire EDM	INR 600*	INR 800* + 18% GST	INR 1200* + 18% GST	INR 800 + 18% GST
<b>Metal Sintering</b>	Hot Wall retort furnace	INR 2000	INR 4000 + 18% GST	INR 10000 + 18% GST	INR 10000 + 18% GST

\*As per existing CRF charges

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<b>Metal Additive Manufacturing - 3D Systems DMP 350</b>	Metal 3D Printing of Titanium Alloys	INR 400/g (min. of 100g)	INR 600/g + 18% GST (min. of 100g)	INR 1200/g + 18%GST (min. of 100g)	INR 1000/g + 18% GST

Please note:

- These charges are proposed by the mPRAGATI working Committee.
- These charges are subject to changes.
- Charges for usage of other equipment will be announced post-installation/ commissioning.