



**DEPARTMENT OF METALLURGICAL ENGINEERING AND MATERIALS SCIENCE**  
**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**  
**MECHANICAL CHARACTERIZATION LAB**  
Facility Usage Charges

4 April 2022

TYPE OF TEST	<u>TYPES OF USERS AND RATES IN RUPEES</u>			
	IITB students	Students from other academic institutes	National R&D organizations	Industry
	(1X)	(2X)	(4X)	(6X)
Hardness Test (Vickers, Brinell, Rockwell)	100	200	400	600
Tensile Test	200	400	800	1200
Tensile Test (Above 20mm thick/Diameter)	300	600	1200	1800
Tensile Test with Extensometer	450	900	1800	2700
Tensile (n,k,r value) Composite/Plastic /Fabric	650	1300	2600	3900
High Temp. Tensile/Compression Test	400	800	1600	2400
<b>For every additional 100 °C (above 400 °C ) Rs 100/specimen</b>				
Compression Test	200	400	800	1200
Three / Four Point Bend Test	400	800	1600	2400
Shear Test on clawed plate	400	800	1600	2400
Creep Testing	400*	800*	1600*	2400*
KIc /J1c /FCGR/Fatigue (Pre-crack & testing)	400*	800*	1600*	2400*
Torsion & Wear Testing	200*	400*	800*	1200*
Rolling Mill (Max. 6mm thick)	500	1000	2000	3000
Note:	(i) *Per hour, and the rest are per specimen. (ii) No charging for Met. Eng. & Mater. Sci. Teaching courses/laboratory courses. (iii) Please note that the above charges are exclusive of GST @ 18% and shall be charged extra for external users. (iv) No analysis of the test data shall be provided and the analysis is the responsibility of the end user of collaboration agency			

*[Handwritten Signature]*  
 Lab-in-charge Signature

(M. J. N. V. PRASAD)

*[Handwritten Signature]*  
 HOD Signature

05/04/2022