



SRM Institute Of Science &Technology

Department Of Mechanical Engineering

Metallurgy Laboratory

Lab Equipment Utilization Request Form

Title Of the Project		Date	
Name of the Student / Faculty		Registration No	
Department		Name of the Guide	
Contact Number			

Project Requirements	Material Description		Remarks	For Lab Use only
Microstructure Images	Material Name			
	No of Samples			
	Mounting (Y/N)			

Hardnes Measurements	Material Name			
	Macro Vickers	5 ,10 ,20 , 30 & 50 kgs		
	Rockwell	60 ,100 & 150 kgs		
	No of Samples			
	Load/Scale			

Tensile Test	Material Name		As per ASTM standard A370 Tumbles	
	No of Samples			

Heat Treatments	Material Name		Max Temp allowable 900 degree Chamber Size 12"X4"X4" (LXBXH) Bring your own crucible	
	No of Samples			
	Temp			
	Duration			
	Medium of Cooling			

Others				

Signature Of the Student / Research Scholar	
Signature of the Guide / Faculty	
Signature of the Lab Head / HOD	

Metallurgy Lab – Consultation charges

Sl. #	Equipment Name	Charges for other SRM campus /SRM group institutions students	Charges for other institution students	Charges for Industrial / Commercial use	Remarks
1	Microscope	Rs.200+18% GST/ Specimen	Rs.250 +18% GST / Specimen	Rs.400+18% GST / Specimen	*Specimen to be provided fine polished condition *Micro structure of 4 different magnifications will be given
2	Hardness Testers (Macro Vickers & Rockwell)	Rs.100+18% GST/ Sample	Rs.150+18% GST/ Sample	Rs.300+18% GST/ Sample	*Only 3 readings / Sample
3	Electronic Tensometer	Rs.300+18% GST/ Specimen	Rs.350+18% GST/ Specimen	Rs.450+18% GST/ Specimen	*Sample to be prepared according to ASTM 370 – E8
4	Muffle Furnace	Rs.200+ 18% GST (for 1 hour, every additional hour Rs.75 added)	Rs.250 +18% GST (for 1 hour, every additional hour Rs.100 added)	Rs.400+18% GST (for 1 hour, every additional hour Rs.150 added)	
5	Hot Air Oven	Rs.100+ 18% GST (for 1 hour, every additional hour Rs.75 added)	Rs. 150+18% GST (for 1 hour, every additional hour Rs.100 added)	Rs.250+ 18% GST (for 1 hour, every additional hour Rs.125 added)	
6	Vacuum Infusion	Rs.750 +18% GST	Rs.1000+18% GST	Rs.1500 +18% GST	*Fiber, resin & consumables to be provided
7	Specimen mounting press	Rs.100+18% GST/ Specimen	Rs.125 +18% GST / Specimen	Rs.150+18% GST / Specimen	Specimen mounting press die size 40 mm diameter.
8	Specimen Preparation (Emery & Disc polishing)	Rs.150+18% GST/ Sample	Rs.175+18% GST/ Sample	Rs.200+18% GST/ Sample	Mounted specimen / specimen that can be handled with ease to be provided.
9	Microstructure Analysis – like grain size, phase fraction using Metal Plus software	Rs.50+18% GST/ Specimen	Rs.75+18% GST/ Specimen	Rs.100+18% GST/ Specimen	Microstructure of specimens to be provided.