

CONSULTANCY CHARGES FOR SYNTHESIS & CHARACTERIZATION

CHARACTERIZATION TYPE		CONCESSIONAL CHARGES		
		Full time Ph.D/ U.G/ P.G Students & Sathyabama University Employee	Scientists & Faculties	Industry
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)
FESEM (Carl Zeiss SUPRA-55) (5 Images)		1700	2070	3450
FESEM with EDAX (5 Images + 2 EDAX Spectra)		2100	2300	4140
EDAX		1500	1725	2300
FESEM with EDAX and Co-Relative Microscopy		2530	2875	5060
AFM (NT-MDT)		2300	2530	4600
XRD (Rigaku)		860	1035	1725
Raman Spectroscopy (Renishaw, UK)	Spectrum acquisition	500	700	850
	Spectrum with mapping/ Imaging	750	1000	1500
	Spectrum, mapping, imaging and high temperature	1500	2000	2500
Epifluorescence Microscopy (Nikon) (3 Images)		520	575	1150
Optical Microscopy (Inverted & Upright) (Olympus) (4 Images)		290	345	690
Polishing machine/ Sample		345	345	345
Cutting machine/ Sample		230	230	230
Ball mill (Spex Dual Mixer)/ hr.		690	690	690
Laser PVD-PLD Unit/ coating		3450	3450	3450
E-beam Unit/ coating		2300	2300	2300
RF sputtering/ coating		2300	2300	2300
DC sputtering/ coating		1150	1150	1150
Thermal Evaporation/ coating		920	920	920
High Temp. Furnace (Box Furnace – From 1000 to 1600°C)/ hr.		865	1380	1380
UV-Visible Spectroscopy	% T & Abs.	575	805	1380
	DRS	920	1150	1725
	Specular Reflectance	920	1150	1725
Pellet press/ Pellet (25mm & 50mm Dia.)		115	175	230
Thickness Measurement (Stylus Profilometer Dektak XT)	Thickness	345	575	805
	Thickness+ Stress	460	690	920
	Thickness + Stress + Roughness	575	805	1035
General Corrosion	Impedance High Temperature (up to 1000°C)	865	977	1150
	Room Temperature (7 MHz – 10 μHz)	460	575	865
	Linear Polarization	575	690	865
Cyclic Voltametry (Charges applicable only for measurements (Size: 20 mm×10 mm×1-3mm))	C-V measurements	575	690	865
	Charge-Discharge measurements/5cycles	575	690	865
	Life cycle/2000 cycles (additional charges applicable for >2000 cycles)	575	690	865
Analysis of pellets of 10-15 mm diameter and 2-3 mm thickness (Frequency: 7 MHz – 10 μHz)				
Hall measurements at room temperature	Resistivity, Carrier concentration, Hall mobility, Hall coefficient	575	690	865
Hall Measurements at different temperature	Resistivity, Carrier concentration, Hall mobility, Hall coefficient	865	1035	1437
(Specimen size: 10mm ×10mm ×2mm thickness) Measurements up to 500 °C				
Concrete carbonation test	100x100x100mm cubical concrete. Supply of CO ₂ : 2% for 6 day , Chamber capacity maximum 15 specimens	2530	2875	3450
Rapid Chloride permeability test (RCPT)	100 x50mm cylindrical concrete specimens Number of specimens - 4	2300	2875	3450
Concrete cutting	100X200mm cylindrical and 100x100x100mm cubical concrete	230	288	345