

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
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
	DRS	920	1150
	Specular Reflectance	920	1150
Pellet press/ Pellet (25mm & 50mm Dia.)	115	175	230
Thickness Measurement (Stylus Profilometer Dektak XT)	Thickness	345	575
	Thickness+ Stress	460	690
	Thickness + Stress + Roughness	575	805
General Corrosion	Impedance High Temperature (up to 1000°C)	865	977
	Room Temperature (7 MHz – 10 μHz)	460	575
	Linear Polarization	575	690
Cyclic Voltametry (Charges applicable only for measurements (Size: 20 mm×10 mm×1-3mm))	C-V measurements	575	690
	Charge-Discharge measurements	575	690
	Life cycle	575	690
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
Hall Measurements at different temperature	Resistivity, Carrier concentration, Hall mobility, Hall coefficient	865	1035
(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
Rapid Chloride permeability test (RCPT)	100 x50mm cylindrical concrete specimens Number of specimens - 4	2300	2875
Concrete cutting	100X200mm cylindrical and 100x100x100mm cubical concrete	230	288

