

Instruments (Condition)	Analysis Charges	
	Academic Institution	Industries
<b>1. Single Crystal X-ray Diffraction Facility</b>		
Data collection and structure solution up to publication level	7000/-	60,000/-
Low temperature (Liquid Nitrogen) charges	2000/-	15,000/-
Laboratory charges (crystallization attempts if required)		25,000/-
<b>For NON-SAARC Countries (per sample in Euro, exclusive of taxes)</b>		
Data collection and structure solution up to publication level with Low temperature (Liquid Nitrogen)	750/-	3000/-
<b>2. NMR Spectroscopy</b>		
	( Raw FID files)	
Proton NMR	200/-	500/-
<sup>13</sup> C & other X-Nuclei & 2D NMR (For first hour of data collection)	300/-	700/-
	(Proper report in PDF format)	
Proton NMR	500/-	800/-
<sup>13</sup> C & other X-Nuclei & 2D NMR (For first hour of data collection)	1000/-	1200/-
For subsequent hours	200/-	500/-
Temperature variability range 25°C to 120°C For high temperature data collection (extra charges)	500/-	2000/-
Temperature variability range 25°C to -70°C For Low temperature (Liquid Nitrogen) charges	500/-	2000/-
Structure Elucidation (Detailed report of Peak Assignment based on structure will be given)	2500/-	5000/-
<b>Solvent charges extra at actual cost</b>		
D <sub>2</sub> O / CDCl <sub>3</sub> / DMSO-d <sub>6</sub> / MeOD / CD <sub>3</sub> COCD <sub>3</sub>		200/-
All other solvents		300/-
<b>3. Powder X-ray diffraction Facility (PXRD)</b>		
Per hour of data collection	2000/-	5000/-
<b>4. Chromatography</b>		
LC-MS	1000/-	2000/-
GC-MS	2000/-	5000/-
HPLC	1000/-	1500/-
HRMS	1000/-	1500/-
<b>5. Thermal Analysis</b>		
Thermo Gravimetric Analysis (TGA)	1000/-	2000/-
Differential Scanning Calorimetry (DSC)	3000/-	5000/-
<b>6. Elemental Analysis (CHNS-O)</b>		
C,H,N,S Analysis	1000/-	2000/-
Oxygen Analysis	500/-	1500/-
<b>7. BET Surface Area Analyzer</b>		
	Physisorption/Chemisorption	
Measurement based on N <sub>2</sub> Gas	5000/-	10,000/-
Measurement based on CO <sub>2</sub> , and H <sub>2</sub> gases	8000/-	16,000/-
Measurement based on mixture of gases :5%H <sub>2</sub> & 95%N <sub>2</sub> , 5% Oxygen & 95% He and 20% Ammonia & 80% He	10,000/-	20,000/-
	Micropore Analysis	
Measurement based on N <sub>2</sub> Gas	10,000/-	20,000/-
Measurement based on CO <sub>2</sub> , and H <sub>2</sub> gases	16,000/-	32,000/-

Measurement based on mixture of gases :5%H <sub>2</sub> & 95%N <sub>2</sub> , 5% Oxygen & 95% He and 20% Ammonia & 80% He	20,000/-	40,000/-
<b>8. Spectroscopy</b>		
FT-IR	500/-	1000/-
UV-Visible	500/-	1000/-
UV-Vis-NIR	500/-	1000/-
Fluorescence	500/-	1000/-
Circular Dichroism (CD)	1000/-	2000/-
<b>9. Atomic Force Microscopy/ Scanning Probe Microscopy (AFM/SPM)</b>		
Measuring modes	(Processed image up to the publication level will be provided)	
Semi-Contact & Contact Mode	1000/-	2000/-
Conductive	5000/-	15000/-
Magnetic Force Microscopy (MFM)	5000/-	15000/-
Kelvin Probe (Surface Potential Microscopy)	5000/-	15000/-
Electric Force Microscopy (EFM)	5000/-	15000/-
Scanning Tunneling Microscopy (STM)	5000/-	15000/-
<b>10. Field Emission - Scanning Electron Microscope (FE-SEM)</b>		
	(Per sample for first hour of recording)	
FE-SEM	1000/-	2000/-
EDS/EDX	2000/-	3500/-
WDS/WDX	2500/-	10,000/-
<b>11. Confocal Laser Scanning Microscope (CLSM)</b>		
Operations	(Per Hour)	
Confocal Imaging	1000/-	1500/-
FLIM/FCS	1000/-	3000/-
Live Cell Imaging	4000/-	10,000/-
Multiphoton Imaging	1500/-	3000/-
<b>12. Dual ion Beam Sputtering Desposition (DIBSD)</b>		
For precious/noble metals	8000/-	60,000/-
For Semiconductors	7000/-	50,000/-
For dielectrics	5000/-	40,000/-
<b>13. Four Probe Hall Measurement System</b>		
For precious/noble metals	1000/-	4000/-
<b>14. Solar Simulator &amp; Quantum Efficiency Measurement System</b>		
For VOC,ISC and PCE measurments	5000/-	20,000/-
For VOC,ISC and PCE, internal and external quantum efficiencies measurments	10,000/-	50,000/-
<b>15. Annealing Furnace</b>		
For annealing under vaccum	1000/-	40,000/-
For annealing under argon/nitrogen/oxygen	2000/-	6000/-
<b>16. Variable-Angel, variable-wavelength Spectroscopic Transmission, Reflection &amp; Ellipsometry</b>		
For transmission, reflection and thickness measurements	2000/-	6000/-
For transmission, reflection, thickness and ellipsometry measurements	4000/-	10,000/-
<b>17. Photo-Luminescence (PL)</b>		
For Room Temp PL	500/-	2000/-
For Low Temp PL	1000/-	3000/-
<b>18. Extended X-Ray absorption fine structure (EXAFS)</b>		

Per sample for first hour of recording	2000/-	4000/-
Data Recording for subsequent hour	500/-	1000/-
Data Analysis & Interpretation	2500/-	5000/-
<b>19. Other Equipments</b>		
Polarimeter	500/-	1000/-
Labconco Lyophilizer	750/-	1500/-
Rheometer	500/-	1000/-
Langmuir–Blodgett film deposition system	500/-	1000/-
<b>20. Single Molecule Imaging, Using total Internal Reflection Fluorescence Microscopy (TIRFM)</b>		
TIRFM	500/-	2500/-
<b>21. Microwave Reactor</b>		
Per hour	200/-	1000/-
<b>22. Cyclic Voltammetry (CV)</b>		
Per hour	500/-	1000/-
<b>23. Liquid Nitrogen (Ln2)</b>		
Per Litre <b>*At a time Maximum of 400Litre will be delivered.*</b>	31/-	37/-
Transportation to be arranged by the buyer themselves.		
Thanks for Visiting.		