

## Equipment Utilization Charge for External Users

| Sl. No. | Instruments               | Academics                                                                         | Industry                                                                          |
|---------|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1       | ED-XRF                    | 750/sample                                                                        | 1250/sample                                                                       |
| 2       | XRD (Powder)              | 400/sample                                                                        | 600/sample                                                                        |
| 3       | Rheometer                 | 750/sample                                                                        | 1500/sample                                                                       |
| 4       | SEM+EDX                   | 500/hr**                                                                          | 1500/hr**                                                                         |
| 5       | TRPL                      | 750/hr***                                                                         | 1500/hr***                                                                        |
| 6       | PPMS                      | Rs. 2000 (for 8 hr or full                                                        | Rs. 4000 (for 8 hr or full day)                                                   |
| 7       | BET                       | 1000/Sample                                                                       | 2000/Sample                                                                       |
| 8       | Chemisorption             | 1000/sample                                                                       | 2000/sample                                                                       |
| 9       | ICP-MS                    | 1000/sample (without digestion)                                                   | 1000/sample (without digestion)                                                   |
|         |                           | 2000/sample (with digestion) (Additional Rs. 250 for additional group of elements | 2000/sample (with digestion) (Additional Rs. 250 for additional group of elements |
| 10      | DSC                       | 500/sample(max run 2 hr)                                                          | 1000/sample(max run 2 hr)                                                         |
| 11      | TGA                       | 500/sample (max run 2 hr)                                                         | 1000/sample (max run 2 hr)                                                        |
| 12      | Fluorescence Spectroscopy | 100/sample                                                                        | 500/sample                                                                        |
| 13      | UV Visible                | 100/sample                                                                        | 500/sample                                                                        |
| 14      | GCMS                      | 250/sample                                                                        | 500/sample                                                                        |
| 15      | HPLC                      | 400/sample                                                                        | 800/sample                                                                        |
| 16      | CD Spectrometer           | 500/sample                                                                        | 1500/sample                                                                       |
| 17      | FTIR                      | 100/Sample                                                                        | 250/Sample                                                                        |
| 18      | DLS                       | 150/Sample                                                                        | 500/Sample                                                                        |

|    |                    |                                                                                                                                                                           |                                                                                                                                                                              |
|----|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19 | NMR                | Proton: 500/sample<br>Low X Nuclei:<br>1000/sample/1hr<br>High X Nuclei: 500/sample<br>2D NMR: 500/sample<br>Solid 1D (1H/X):<br>2000/sample<br>Solid 2D (X): 5000/sample | Proton: 500/sample<br>Low X Nuclei: 1000/sample/1hr<br><br>High X Nuclei: 500/sample<br>2D NMR: 1500/sample<br>Solid 1D (1H/X): 5000/sample<br><br>Solid 2D (X): 8000/sample |
| 20 | Raman Spectrometer | 300/sample                                                                                                                                                                | 600/sample                                                                                                                                                                   |
| 21 | FACS               | 1000/sample                                                                                                                                                               | 1500/sample                                                                                                                                                                  |

\*\* (Maximum of 4 samples per hour)

\*\*\* (Maximum of 2 samples per hour)