

### *Facilities Available in the Laboratory-106*

| S.No. | Instruments                                       | Make                           | Qty |
|-------|---------------------------------------------------|--------------------------------|-----|
| 1     | Electrochemical Work Station                      | CH Instruments                 | 1   |
| 2     | UV Visible Spectrometer                           | Lab India 2000U                | 2   |
| 3     | FTIR Spectrometer                                 | Bruker Alpha II                | 1   |
| 4     | Fluorescence Spectrometer                         | JASCO FP 8300                  | 1   |
| 5     | Contac Angle Meter                                | Kyowa DMe-211 Plus             | 1   |
| 6     | Optical Polarimeter                               | Rudolph Autopol II             | 1   |
| 7     | Electronic Weighing Balance<br>(0.001 g & 0.01 g) | Shimadzu BL220H &<br>Sartorius | 3   |
| 8     | Ultrasonic Cleaner                                | Cole Parmer 08895-19           | 1   |
| 9     | Water Purification System                         | Millipore (Merck Elix)         | 1   |
| 10    | Refrigerator                                      | Elanpro                        | 1   |
| 11    | Centrifuge                                        | Thermo 21 & 21R                | 2   |
| 12    | Hot Shaker                                        | Julabo SW23                    | 1   |
| 13    | Shaker (R. T.)                                    | Thermo Max Q 3000              | 1   |
| 14    | pH & Conductivity Meter                           | Oakton PC2700 Scientific       | 6   |
| 15    | Heating Mantle                                    | Glassco                        | 7   |
| 16    | Magnetic Hot Plate Stirrer                        | Isotemp, Thermo Scientific     | 2   |
| 17    | High Temperature Bath (300°)                      | Fisher Scientific              | 1   |
| 18    | Magnetic Stirrer                                  | UNI TECH                       | 6   |