










## Major Equipment at Centre for Nanoscience and Technology

| S.No. | Equipment  | Make/ Specifications  | Date of Purchase | Photograph  |
|-------|--|---|------------------|---|
| 1.    | Digital balance  | Make:<br>Scale-tec.<br>(Accuracy 1 mg<br>Max. weight 100g)  | 10-12-2019       |    |
| 2.    | KE make High Temperature Muffle Furnace<br><br>Accessories:<br>Annealing furnace (600°C) | Make:<br>Krishna Enterprises,<br>Hyderabad.<br>Inner size:<br>100 mm W x 100 mm H<br>x 250 mm D,<br>Max. Temperature:<br>1400°C<br>Heating Elements:<br>Silicon Carbide rods. | 13-07-2018       |   |
| 3.    | Magnetic Stirrers with Hot plate and Beeds   | Make:<br>Lalco Scientific Instruments<br>Temperature:<br>(up to 100°C)  | 02-01-2019       |  |
| 4.    | Hot air oven   | UV Scientifics  | 01-01-2022       |  |

|     |  |  |            |   |
|-----|--|--|------------|---|
| 5.  | Programmable Hot Air Oven                    | Thermocon Instruments (up to250°C)                           | 2022       |    |
| 6.  | Spin coater and Vacuum pump                  | Apex Instruments 10000 rpm, model: spinNXG-p1                | 01-06-2022 |    |
| 7.  | Hydraulic Hot Press                          | Applied Hydraulics, Hyderabad.                               | 08-04-2021 |    |
| 8.  | Sonicator                                    | UV Scientifics; 2.5 lit                                      | 01-04-2021 |   |
| 9.  | Grey Agate Mortor& Pestle                    | Make: Ants Ceramics Pvt Ltd, Vasai (E), MH. ID-4.5" (113 mm) | 21-06-2018 |  |
| 10. | pH meter                                     | ELICO LI 617   | 28-08-2020 |  |
| 11. | Nitrogen cylinder with regulator and trolley | UV Scientifics   | 02-12-2020 |  |

