** CENTRE FOR ADVANCED RESEARCH (CAR)**

 **Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.)**

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 **Characterization Facility Request Form**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Equipment to be used** | **No. of Sample**  | **Sample Details (Hazardous/****Solid/Powder/Magnetic/****Volatile)** | **Experimental Parameters****& Data Requested** | **Remarks** |
| HRTEM/(HRTEM with EDS) |  |  |  |  |
| FESEM/(FESEM with EDS) |  |  |  |  |
| Single Crystal X-Ray Diffractometer (SC-XRD) |  |  |  |  |
| Powder X-Ray Diffractometer (P-XRD) |  |  |  |  |
| Nuclear Magnetic Resonance Spectrometer (NMR) |  |  |  |  |
| Atomic Force Microscope (AFM) |  |  |  |  |
| LASER RAMAN Spectrophotometer |  |  |  |  |
| Inductively Coupled Plasma- MS (ICP-MS)  |  |  |  |  |
| Gas Chromatography-Mass Spectrometer (GC-MS)  |  |  |  |  |
| Liquid Chromatography-Mass Spectrometer (LC-MS) |  |  |  |  |
| HP-Thin Layer Chromatography (HP-TLC) |  |  |  |  |
| Ultra Performance Liquid Chromatography (UPLC) |  |  |  |  |
| Fast Protein Liquid Chromatography (FPLC) |  |  |  |  |
| Confocal Laser Scanning Fluorescence Microscope |  |  |  |  |
| BET Surface Area Analyzer |  |  |  |  |
| Simultaneous Thermal Analyzer (STA) |  |  |  |  |
| Spectroscopic Ellipsometer |  |  |  |  |
| Electrochemical Work Station (ECWS) |  |  |  |  |
| Particle size/Zeta Potential Analyzer |  |  |  |  |
| Cell Sorter Flow Cytometer (CSFC) |  |  |  |  |
| DNA Sequencer  |  |  |  |  |
| Nano Spray Dryer |  |  |  |  |
| RT-Polymerase Chain Reaction (RT-PCR) |  |  |  |  |
| Chemilumniscence Doc (Chemi-Doc) |  |  |  |  |
| Polarizing Microscope |  |  |  |  |
| Ultracentrifuge/ Centrifuge(Hermle) |  |  |  |  |
| Rheometer |  |  |  |  |
| FTIR |  |  |  |  |

The following are the details of the study I wish to carry out at CAR: F.No.............

|  |  |  |
| --- | --- | --- |
| **Name:** | **Email:** | **Phone No:** |
| **Affiliation :** | **Name & Signature (Seal) of Supervisor:** |

**For office use only**

|  |  |  |  |
| --- | --- | --- | --- |
| No. of samples performed |  | Date of Experiment |  |
| Log Book Page No. |  | Experiment performed by |  |
| Net Charge | Rs. |  |  |

**Charges:** As per list of charges for CAR facilities.  **Challan/DD Number & Date:** ……………………………………………

**Details of payment:** Demand Draft Payable in favor of ‘Registrar, Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.)

**I agree to the following:**

* All Publication of research work, resulting out of the services taken from CAR must acknowledge CAR, DHSGU Sagar
* A copy of publication will be sent to CAR, DHSGU Sagar (M.P.) for reference.
* I hereby declare that the sample does not contain radioactive element/toxic/bio-hazard/magnetic material in it.

**Signature of User Teacher In-charge Head**