

# INSTRUMENTATION FACILITY

**UPE / CPEPA PROGRAMMS**

**Vijnana Bhavan, Manasagangotri,  
University of Mysore, Mysuru –570006**

**POWDER X-RAY DIFFRACTOMETER (RIGAKU CORPORATION - Japan)**

MODEL-SmartLab 3Kw

Ser. No. BD63000074



**SCANNING ELECTRON MICROSCOPE (Hitachi High – Technologies Corporation - Japan)**

MODEL-S-3400N

Ser. No. 341351-03



**SPUTTER COATER (SPI-MODULE™ SPUTTER COATER - USA)**

MODEL- VACUUM BASE MODULE

Ser.No.11425-AX



C

**POLARIZING MICROSCOPE (OLYMPUS CORPORATION- JAPAN)**

MODEL-BX51 TRF

SER.NO. 3F45871



**ELECTROCHEMICAL ANALYSER (CH INSTRUMENTS-USA)**

MODEL-CHI608E

SER.NO.11004



**ATOMIC FORCE MICROSCOPE (A.P.E. RESEARCH - Italy)**

A-100 AFM



**VISCOMETER (CAMBRIDGE VISCOSITY - Japan)**

VISCOLab 3000

Ser.No. 12116



**DYNAMIC LIGHT SCATTERING (MICROTRAC - USA)**

Nanotracc Wave

Ser.No. W3231



**EAL TIME – POLYMERASE CHAIN REACTION (RT-PCR – BIO RAD - Singapore)**

CFX96™ Optics Module

SER. NO.785BR09605



**PRECISION IMPEDANCE ANALYZER (WAYNE KERR ELECTRONICS – West Sussex. UK)**

MODEL - 1J6550B

Ser.No. 1396744



**PURELAB OPTION – Q (ELGA - UK)**

OQ007XXM1

Ser. No. OQ00006452



**BET SURFACE AREA ANALYSER (BEL JAPAN– Japan)**

BELSORP MINI - 2

Se.No. 00650



**SPECTROPHOTOMETER (ELICO-JAPAN)**

MODEL-SL 177 SCANNING MINI SPEC



**OPTICAL MICROSCOPE (Gippon-Getner-japan)**



**MAGNETIC STIRRER (REMI-INDIA)**



**CENTRIFUGE (KEMI-INDIA)**

MODEL-CGA





CONDUCTIVITY METER (Systronics- INDIA)



HOT AIR OVEN (THERMOTEK-INDIA) – Nos. 4



ELECTRONIC WEIGHING BALANCE (ESSAE-TERAOKA LTD.- JAPAN)  
MODEL-FB200



LAMINAR AIRFLOW CABINET (V AIOMETRA – INDIA)



## **Atomic absorption spectroscopy (AAS)**

Make: PerkinElmer

Model: PINAACLE900H



## **Laser Raman Spectroscopy (Raman)**

Make: Horiba, Japan

Model: Xplora Plus



## **Thermo gravimetric analyzer (TGA/DTA)**

Make: NETZSCH

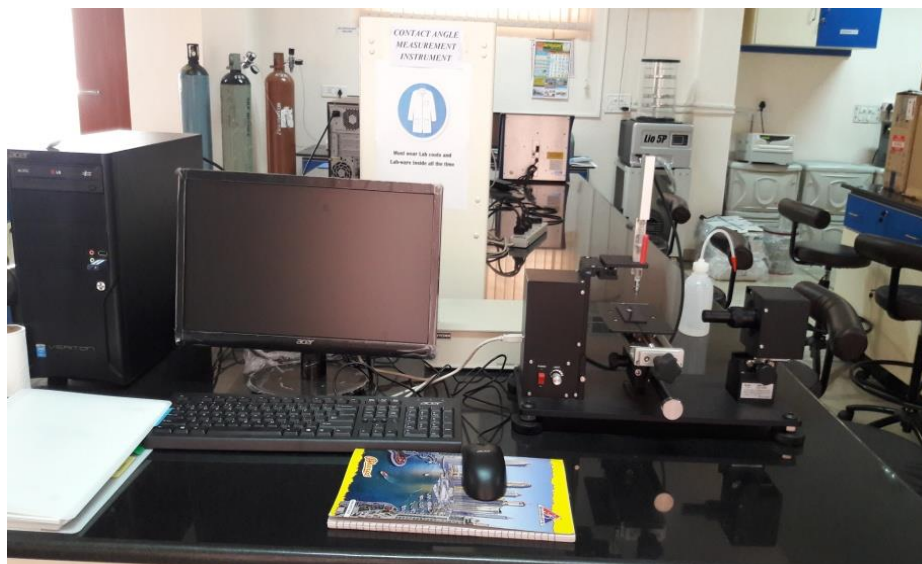
Model: STA-2500 regulus



## **Contact angle analyzer**

Make: Kyowa, Japan

Model: DMs-401



## **DESKTOP – TYPE CVD FOR PRODUCING CNTS**



## Microwave-assisted synthesis



## Spectro Fluor photometer

Make: shimadzu

Model: RF- 6000



### **Spectro Fluor meter**

Model: Jasco

Model: FP- 8300



### **UV- Visible Spectrophotometer**

Make: Beckman Coulter

Model: DU730



