

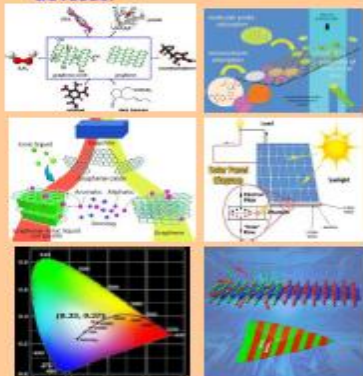
# BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(Autonomous Under VTU)

## Advanced Materials Research Lab Facilities

### AREAS OF RESEARCH INTEREST

- Advanced Nanomaterials
- Graphene/CNT/Fullerenes
- Hybrid nanomaterials for solar cell
- Phosphors for WLED applications
- Nano sensors and Devices
- Nanotechnology for energy Generation and storage
- Nanotechnology for biomedical and drug delivery
- Nanomaterials for chemical and catalytic applications.
- Nanotechnology for environment Applications.
- NEMS/MEMS Nanostructure and devices.

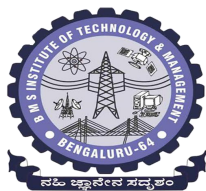


**BMSIT&M**  
Doddaballapur Main  
Road, Avalahalli,  
Yelahanka,  
Bangalore- 560064.  
Phone No.  
080-28561576

### Facilities for Advanced Materials Research

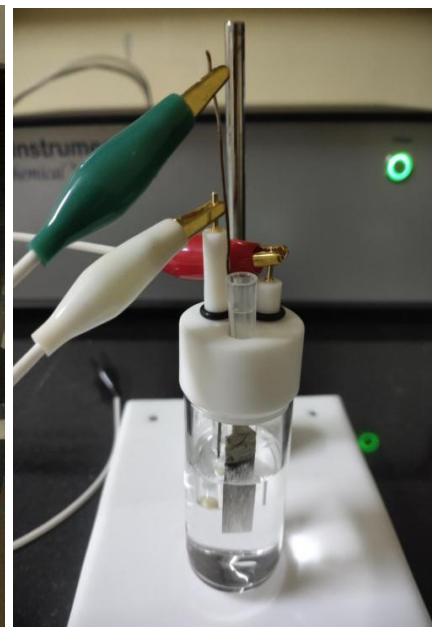
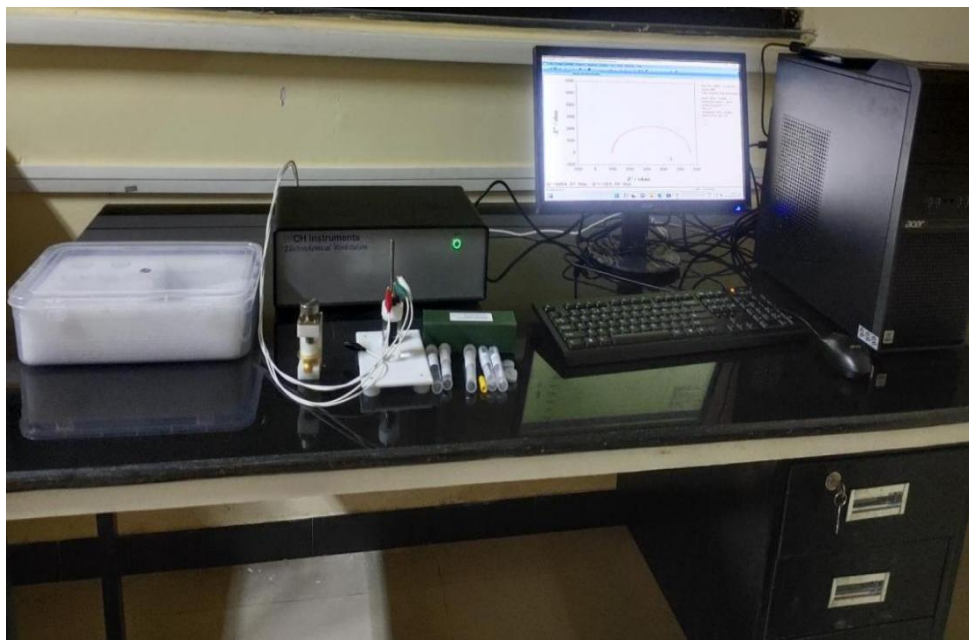


**INTER DISCIPLINARY  
RESEARCH AT BMSIT&M**



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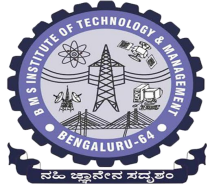
## Higher End Model ElectroChemical Workstation-CHI660E



## Confocal Video Raman Microscope







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**FT-IR Spectrometer-Perkin Elmer**



**UV-Visible Spectrophotometer-Shimadzu**

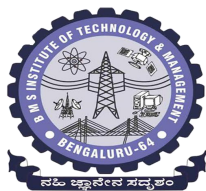


**Solar Simulator**



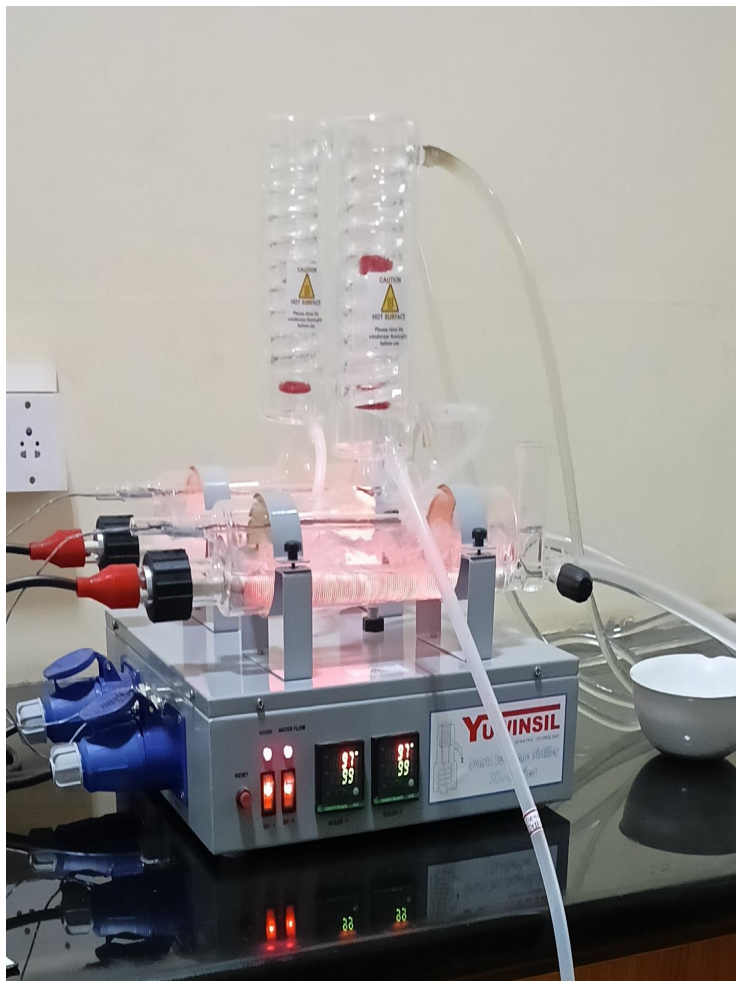
**Thin-film Coater**





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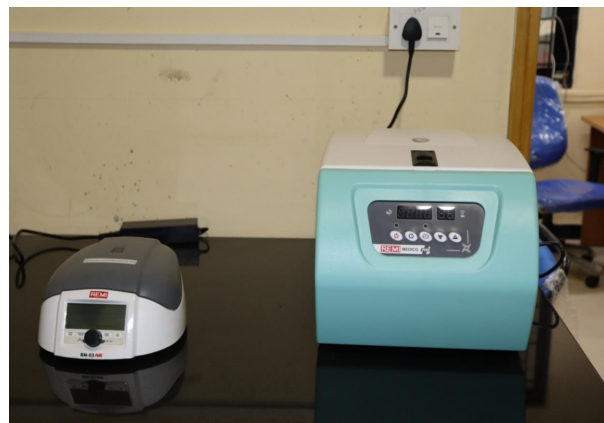
Research Grade Double Distilled Water Unit



Microbalance-Sartorius



Ultrasonicator



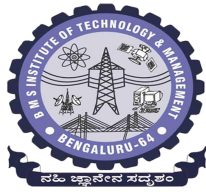
High Speed Centrifuge Machines



Hot-Air Oven







# BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT (Autonomous Under VTU)

Muffle furnaces



Pelletizer



Micro Balance



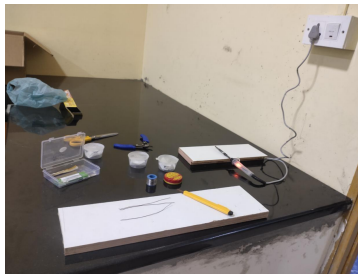
Centrifuge machine



Hot plate with stirrer



Electrode Preparation



Muffle furnace  
with fume hood



Consumable



Muffle Furnace



High Temp Chamber Furnace



