



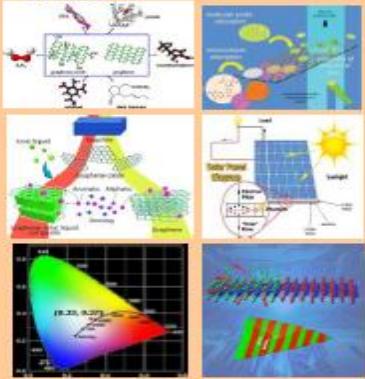
# BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(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.



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### Facilities for Advanced Materials Research



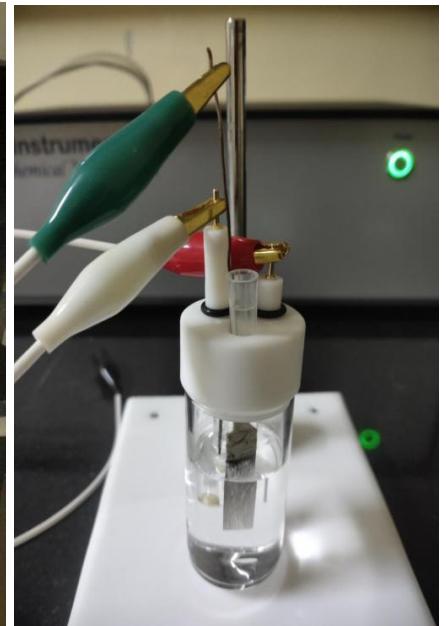
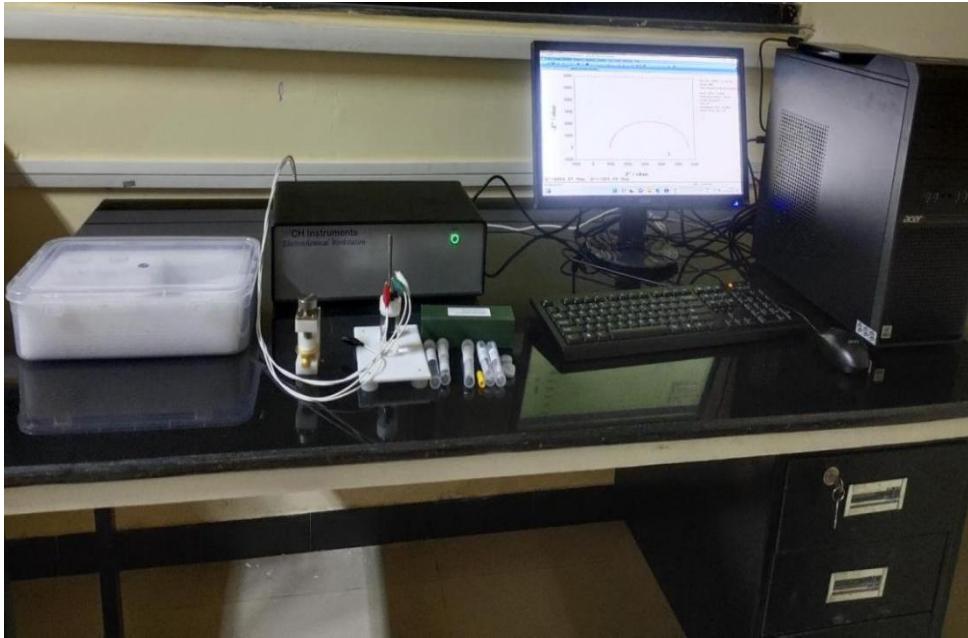
**INTER DISCIPLINARY  
RESEARCH AT BMSIT&M**



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## Higher End Model ElectroChemical Workstation-CHI660E



## Confocal Video Raman Microscope





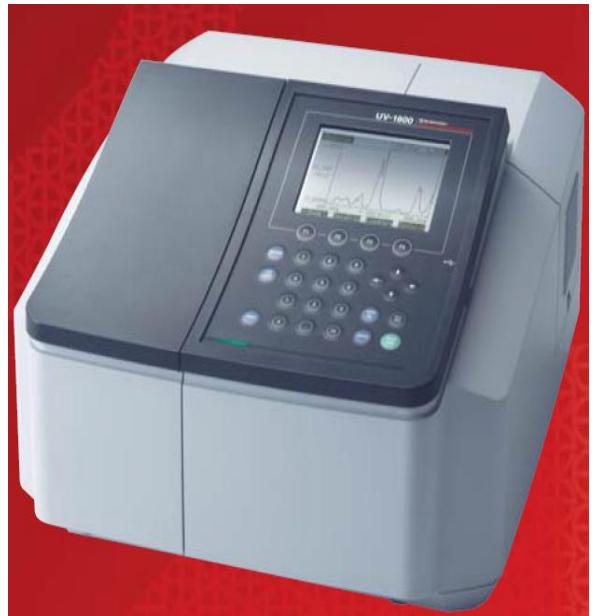
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FT-IR Spectrometer-Perkin Elmer



UV-Visible Spectrophotometer-  
Shimadzu



Solar Simulator



Thin-film Coater

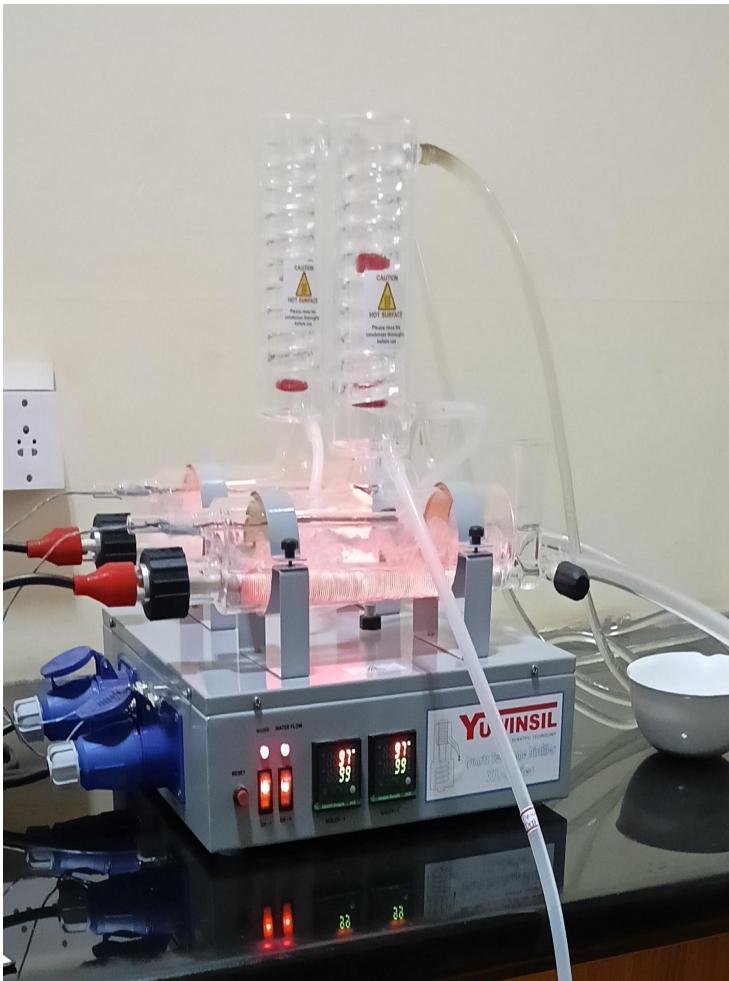




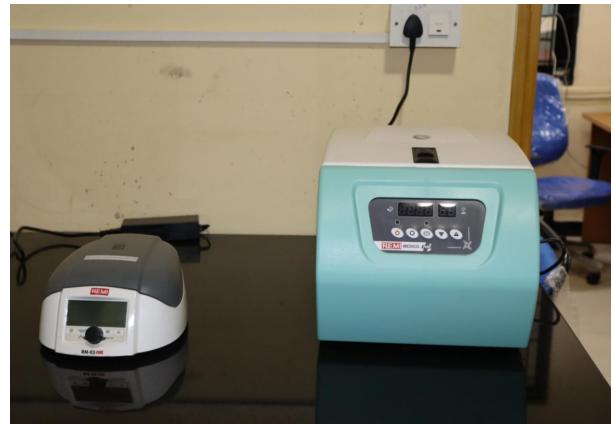
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Research Grade Double Distilled Water Unit



Ultrasonicator



High Speed Centrifuge Machines

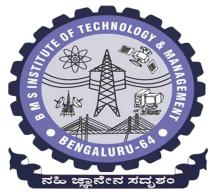


Microbalance-Sartorius



Hot-Air Oven





# BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

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Muffle furnaces



Pelletizer



Micro Balance



Centrifuge machine



Hot plate with stirrer



Electrode Preparation



Muffle furnace  
with fume hood



Consumable

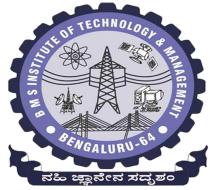


Muffle Furnace



High Temp Chamber Furnace





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