



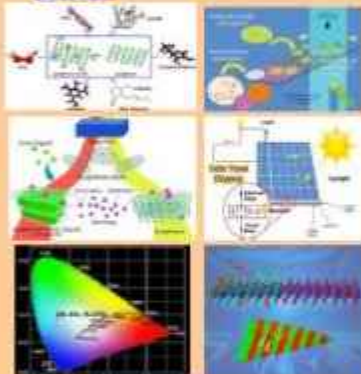
BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(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

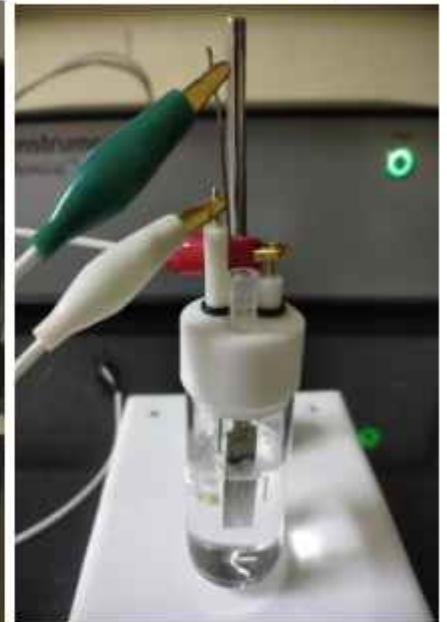


**INTER DISCIPLINARY
RESEARCH AT BMSIT&M**



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT (Autonomous Under VTU)

Higher End Model ElectroChemical Workstation-CHI660E



Confocal Video Raman Microscope





BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT (Autonomous Under VTU)

FT-IR Spectrometer-Perkin Elmer



UV-Visible Spectrophotometer-Shimadzu



Solar Simulator



Thin-film Coater





BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT (Autonomous Under VTU)

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





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