

Centre for Nanomaterials and Devices

Internship Modules for Engineering students

Centre for
Nanomaterials
and Devices



- M1. Synthesis and characterization of NASICON materials for sodium ion battery
- M2. Synthesis and characterization of ceramic oxides/polymer nano composites based solid electrolytes for solid state battery
- M3. Development of carbon nanotubes-based electrodes for flexible supercapacitors
- M4. Development of reduced graphene oxide composite based electrodes for flexible supercapacitors
- M5. Design and electrochemical evaluation of flexible electrodes for energy storage device.
- M6. Wearable Strain Sensors for human motion detection
- M7. Development of electrode material for energy storage device.
- M8. Transition Metal Oxide-Doped Mesoporous Carbon Materials: Promising
- M9. Composite Electrode Materials for Supercapacitors.
- M10. Hierarchical layered double hydroxide nanomaterials for supercapacitor applications
- M11. Synthesis of Electro Chemical Sensors for the detection of H1N1 Virus
- M12. Development of hydrogen embrittlement resistant coatings
- M13. Development of coatings for NO_x adsorption
- M14. Synthesis of Metal Oxide based Sensors for Hydrogen Sensing
- M15. Synthesis of Electrochemical Sensors for Detection of Heavy Metals in Foods

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