



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
(Deemed to be University under section 3 of the UGC Act 1956)



## DEPARTMENT OF HUMANITIES AND SCIENCE

### Centre for Nanotechnology Research

#### Research Undertaken 2022

1. Nano and Nanoporous Materials
2. Energy Storage Electrochemical Devices
3. Sol-gel and Hydro-thermal technology
4. Bioceramics for Bone Regeneration
5. Bioceramic Coatings on Implants
6. Green Nanotechnology
7. Water Splitting for Hydrogen production
8. Functional Nanomaterials
9. Nanostructured Biomedical Sensors and Actuators

The research centre operates a state-of-the-art research program in the field of nano and nanostructured materials supported by cutting edge facilities for materials synthesis and characterization.

#### Objectives of our research activity

- To promote inter-disciplinary research
- To produce good quality scientific publications
- To provide skill based nanotechnology training
- To strengthen nanotechnology curriculum in India

#### Research Scholars working in the Centre

1. G. Nirmaladevi (Physics)
2. M. Kalpana (Chemistry)
3. S. Rubesh Ashok Kumar (Chemistry)
4. D. Vasvini Mary (Chemistry)

Centre INCHARGE

HOD