

About Nanotechnology Research Center

'Nanotechnology Research Center' was founded by Dr. R. S. Dubey in the year of 2009.



The objective to establish this research laboratory was to create R&D infrastructure for interdisciplinary research. Nanotechnology Research Center is a centralized entity of worth about 1 crore. In whole Andhra Pradesh State, this college is unique to have well-equipped Cleanroom facility of class 10000 in a self-financed college.

The created research infrastructure is access to all internal and external faculties and students. Several faculties and student are working on various interdisciplinary projects. This center has received research grants from AICTE, DST, DRDO, UGC-DAE CSR, IACQER, UGC etc. We also have several research collaborations with various research organizations/ universities to access the fabrication and characterization facilities such as University of Pune, Anna University, VIT- Vellore, Aurangabad University, UGC-DAE CSR Research Laboratory, Jalgaon University, IISc-Bangalore, Namibia University (S. Africa), IIT-Hyderabad, IIT-Madras, C-MET-Pune etc. This research center also supports the M. Tech. (Nanotechnology) started in the academic year 2011-12.

This laboratory is equipped with the following facilities:

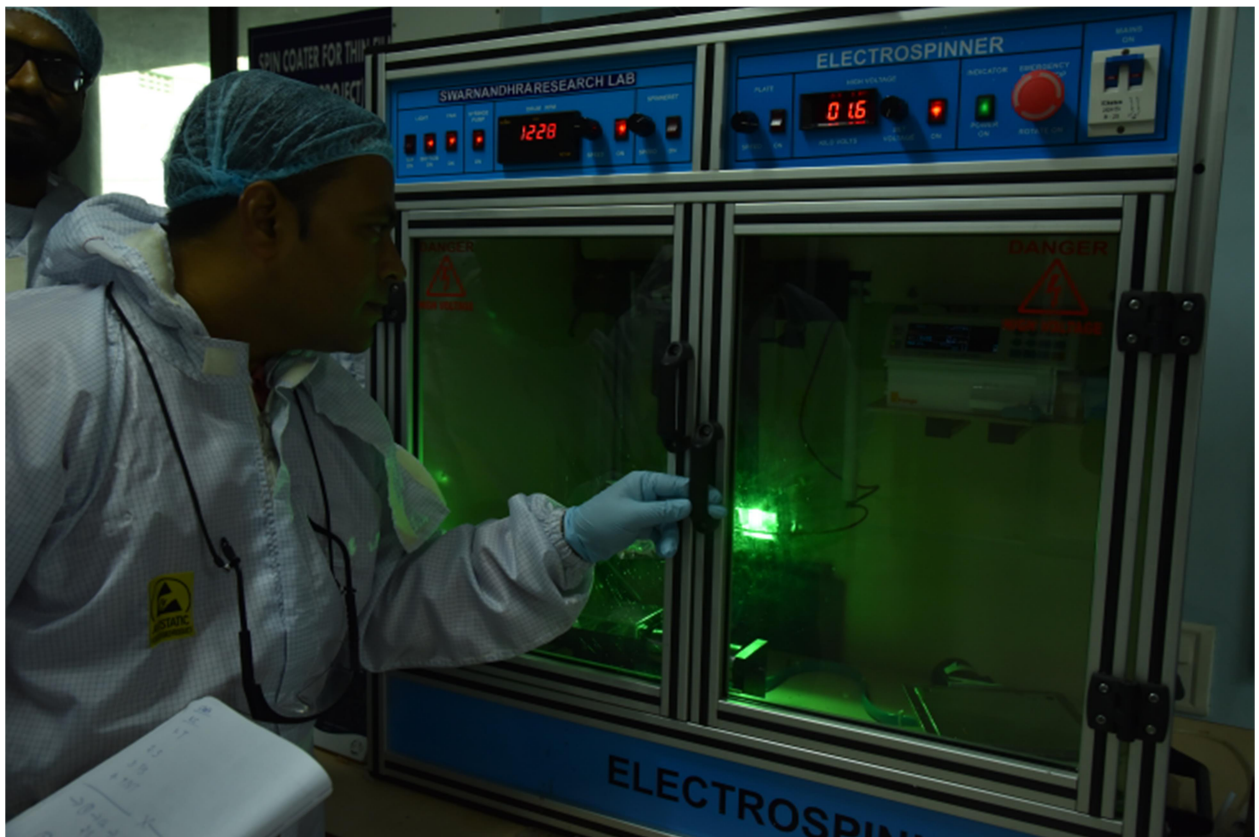
Indigenously Developed AP/LP Thermal Chemical Vapor Deposition System



Electrochemical Deposition and Etching Work Station



Electro-Spinning System



Thermal Evaporation System



Spin-coating Unit



UV/VIS Spectrophotometer



Fume hood



Chemical Bench



Furnace (up to 1000°C)



Hot-Air Oven (up to 250°C)



- **Hydrothermal/autoclave Facility**
- **Laboratory Developed Photocatalytic Activity/UV Treatment Setup**
- **Laboratory Developed Solar Simulator**
- **Sol-gel Setup**

Activities/Events

Dr. H. B. Singh, Scientist, DST addressing the faulities on 'Two-day Seminar on 'Research Sensitization (2020)'



1st International Conference on MEMS & Optoelectronics Technologies (ICMOT)



Distinguished guests on the dais.



Release of Proceedings of 1st International Conference on MEMS & Optoelectronics Technologies (ICMOT)

2nd International Conference on Nanoscience, Engineering & Advanced Computing (ICNEAC)



Distinguished guests on the dais.



Release of Proceeding of 2nd International Conference on Nanoscience, Engineering & Advanced Computing (ICNEAC)

Gallery











