

CURRICULUM VITAE

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PROFESSIONAL RESEARCH EXPERIENCE

Tongji University, China, Post doctor	Mar 2019-Oct 2020
Master Degree College, Sangareddy, Lecturer	Oct 2011-Feb 2012
Aurobindo Pharma Pvt. Ltd., Hyderabad, assistant QA	Jun 2011-Sep 2011

ACADEMIC BACKGROUND

Central University of Hyderabad (UoH), Hyderabad, India. Ph.D , School of Chemistry.	2012-2018
Sri Venkateswara University, Tirupati, Andhra Pradesh, India M.Sc-Chemistry , Department of Chemistry. (First Class)	2008-2010
Sri Venkateswara University, Tirupati, Andhra Pradesh, India B.Sc-Chemistry . (First Class)	2005-2008

STUDENTS TRAINED PARALLEL TO RESEARCH

- ❖ Trained three master students and four summer internship students parallel to my research activity during my PhD tenure.
 - ❖ Trained one Ph.D. student and two master students parallel to my research activity during my post-doctoral tenure.
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RESEARCH INTEREST

Polymerization, Conducting Polymers, Membranes for fuel cell applications Composites, Polymer blends, Material Chemistry, Nanomaterials, Electrochemistry, New product development, and Multifunctional materials.

TECHNICAL SKILLS

- ❖ Well-versed in Polymers and monomers synthesis. Hands-on experience with reactions demanding special techniques, and sensitive and/or hazardous reagents.
- ❖ Characterization of materials synthesized for structure-property relationship and exploitation of these materials.
- ❖ Data interpretation and analysis of experimental results ($^1\text{H-NMR}$, $^{13}\text{C-NMR}$, HRMS/LCMS, FTIR and other spectroscopic data).

ANALYTICAL INSTRUMENTS (HANDLED / ACQUINTED WITH)

- ❖ NMR, MASS SPECTROSCOPY, FT-IR, UV-VISIBLE & Fluorescence Spectrophotometer.
 - ❖ Gel permeation chromatography (GPC), Differential Scanning Calorimeter (DSC), Thermo Gravimetric Analysis (TGA), Dynamic Mechanical Analysis (DMA), Universal Testing Machine (UTM), Dynamic Light Scattering (DLS), Impedance analyzer, Viscometer.
 - ❖ Surface analyses or elemental composition - Field Emission Scanning Electron microscopy (FE-SEM), Transmission electron microscopy (TEM), Atomic force microscopy (AFM).
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