

CURRICULUM VITAE

SARA PALAPARTHY

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OBJECTIVE

To disseminate scientific knowledge through student-centric activities, fostering a passion for research and innovation in plant sciences.

EDUCATION

- ❖ **Ph.D. (Submitted):** Green Synthesis, Phytochemical Screening, and Bioactive Applications of Nanoparticles in *Thespesia populnea*
Department of Botany, Andhra University, Visakhapatnam
- ❖ **Qualified APSET**
- ❖ **M.Sc. (Botany):**
Gold Medalist, Andhra University, Visakhapatnam, 2015
- ❖ **B.Ed.:**
Bhavani B.Ed. College, Vizianagaram, 2010
- ❖ **B.Sc.:**
Botany, Zoology, Chemistry
Gayatri Degree College, Vizianagaram, 2004
- ❖ **Intermediate:**
St. Joseph's Junior College, Vizianagaram, 2000
- ❖ **SSC:**
St. Ann's Girl's High School, Vizianagaram, 1998

PROFESSIONAL EXPERIENCE

- ❖ **Degree Lecturer in Botany:**
Government Degree College, Ramachandrapuram
(Current Role)
- ❖ **Government Degree Lecturer (APPSC):**
P.R. Government College, Kakinada
Selected through APPSC in 2018
- ❖ **Degree Lecturer:**
Over 16 years of experience teaching Botany at the undergraduate level

RESEARCH AND PUBLICATIONS

❖ Paper Presentations

Presented research papers in **3 International** and **2 National** seminars on Nanotechnology

❖ Paper Publications

- ✓ Published research papers in **Scopus-indexed journals** and a book published on Research Methodology Nanotechnology
- ✓ Published articles on various study projects, including microgreens and Bonsai cultivation techniques, in **UGC CARE-listed journals**

❖ Ongoing Research

Lichen Collection and Identification through Phylogenetic Analysis

AREAS OF INTEREST

- ❖ Mushroom Cultivation
- ❖ Microgreens Cultivation
- ❖ Plastic to Aesthetic: Eco-friendly transformations
- ❖ Field Collection and Study of Bryophytes and Lichens
- ❖ Plant Tissue Culture
- ❖ Bioinformatics
- ❖ Propagation through Grafting
- ❖ Organic farming
- ❖ Millet products Preparation and awareness
- ❖ Collection of Endemic Species and Conservation

ACHIEVEMENTS & AWARDS

- ❖ Gold Medalist in M.Sc. Botany
- ❖ Successfully guided students in various research projects on sustainable agriculture and environmental conservation