

Dr. K. Shantha, M.Sc., Ph.D.

Principal

St. Joseph's Degree College, Kurnool, Andhra Pradesh

 Mobile: +91 9392903040

 Email: shanthapincipal20@gmail.com

 Kurnool, Andhra Pradesh, India

PROFESSIONAL PROFILE

Accomplished academic leader with more than **35 years of experience** in Higher Education encompassing teaching, research, academic administration, curriculum development, institutional quality assurance, faculty mentoring, and student development. Currently serving as **Principal of St. Joseph's Degree College, Kurnool**, leading institutional initiatives aligned with NEP 2020, NAAC quality benchmarks, industry collaboration, research promotion, and outcome-based education.

Recognized for building academic excellence through innovative teaching practices, strategic planning, faculty development, community engagement, and strengthening institutional governance. Possesses extensive experience in university academic bodies, curriculum design committees, and national-level academic events.

CORE COMPETENCIES

- Academic Leadership & Institutional Administration
- Higher Education Governance
- NEP 2020 Implementation
- Curriculum Design & Development
- Faculty Development & Mentoring
- Research Administration
- Outcome-Based Education (OBE)
- Strategic Planning
- Industry-Institution Collaboration

- Student Development & Mentoring
- Academic Audits & Compliance

EDUCATION

Ph.D. in Chemistry (2004)

Sri Krishnadevaraya University, Anantapur

Research Title: *Electrochemical Study of Metal Complexes*

M.Sc. in Natural Product Chemistry (1991)

Sri Venkateswara University PG Centre, Kurnool

PROFESSIONAL EXPERIENCE

Principal

St. Joseph's Degree College, Kurnool

- Leading academic and administrative functions of the institution.
- Promoting quality initiatives in line with NEP 2020.
- Strengthening industry collaborations through MoUs.
- Encouraging faculty research and professional development.
- Implementing student-centric teaching and learning practices.
- Coordinating institutional strategic planning and quality enhancement activities.
- Supporting holistic student development through extension and outreach programmes.

Teaching Experience

Over 35 Years

- Intermediate Education - 10+ Years
- Undergraduate (B.Sc.) - 20+ Years
- Postgraduate (M.Sc.) - 10+ Years

Research Experience

- More than 10 years of research experience in Electrochemistry.

- Guided undergraduate student research projects.
- Published research papers in reputed peer-reviewed journals.

UNIVERSITY ACADEMIC RESPONSIBILITIES

- Member, Subject Committee for Drafting Model Syllabus (2025-26)
- Member, Subject Committee for Drafting Model Syllabus (2023-24)
- Member, SMP Committee, Rayalaseema University
- Member, Calendar Committee, Rayalaseema University
- BOS Special Invitee - Undergraduate Chemistry Curriculum

RESOURCE PERSON

- Invited Speaker, National Workshop on Instrumentation Techniques for Research in Chemical Sciences (WITRCS-2017), Kanoria PG Mahila Mahavidyalaya, Jaipur.
- Resource Person for Capacity Building Programme in Chemistry for Government High School Teachers.

NATIONAL SEMINARS & CONFERENCES ORGANISED

Coordinator

National Symposium on **Modern Trends in Chemistry Education** (2005)

Organising Secretary

Seminar on **Research Pursuits in Valency Expansion and Ring Formation Concepts**

RESEARCH PUBLICATIONS

Published research articles in the *Journal of the Electrochemical Society of India* covering:

- Simultaneous determination of Copper and Zinc
- Electrochemical behaviour of Copper, Nickel and Zinc complexes
- Palladium-AMP complex system
- Kinetic parameters of Indium and Palladium complexes
- Polarographic studies of Lead complexes

(Five peer-reviewed research papers published.)

RESEARCH PRESENTATIONS

International

- First International Conference on Chemical Education (ICCE-1), BARC, Mumbai (2010)

National

Presented research papers at:

- IIT Madras
- Indian Institute of Science (IISc), Bangalore
- Sri Venkateswara University
- Sri Krishnadevaraya University
- Mysore University
- Electrochemical Society of India Conferences

RESEARCH GUIDANCE

Successfully guided:

- **30 Undergraduate Projects** on synthesis, characterization and analysis of natural products.
- **5 Student Research Projects** on adsorption of dyes using eco-friendly green adsorbents.

PROFESSIONAL MEMBERSHIPS

- Life Member, Indian Association of Chemistry Teachers (IACT)

AWARDS & HONOURS

Best Principal Award

Ambitions Career Counsellors

Academic Year 2020-2021

EXTRA-CURRICULAR ACHIEVEMENTS

- Represented Sri Venkateswara University in All India Inter-University Table Tennis Tournament.

- Represented Sri Krishnadevaraya University in All India Inter-University Volleyball Tournament.
- Represented Kurnool District in South Zone Basketball Tournament.
- Delivered a Telugu Radio Talk on All India Radio (AIR), Kurnool.

PROFESSIONAL STRENGTHS

- Visionary Academic Leadership
- Effective Institutional Governance
- Excellent Communication Skills
- Faculty Motivation & Capacity Building
- Student-Centred Administration
- Research Orientation
- Strong Networking with Universities and Industry
- Commitment to Quality Higher Education

Declaration

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Place: Kurnool

Date: 03.08.2026

(Dr. K. Shantha)