

CURRICULUM VITAE

Dr.K.SHANTHA

Asst. Prof. of Chemistry
St.JOSEPH'S DEGREE COLLEGE,
KURNOOL - 518 004.

Academic Background:

Ph.D.: 2004, Title " Electrochemical Study of Metal Complexes",
Sri Krishnadevaraya University, Anantapur.

M.Sc., 1991, Natural Product Chemistry, Sri Venkateswara University
P.G.Centre, Kurnool.

B.Sc., 1989, MPC, K.V.R.Govt.Degree College for Women, Kurnool.

Experience:

- a) Teaching Chemistry: 28 years of Teaching experience.
 - Intermediate : 10+ years
 - B.Sc.: 24+ years
 - M.Sc.: 10+ years.
- b) Research Experience:
 - 10+ years of Research experience.

Papers Published: [Recent Publications]

1. Simultaneous Polarographic Determination of Copper and Zinc in synthetic samples (2-amino-2-methyl-1-propanol as complexing agent). *J.Electrochem Soc.India, Vol.59 - 1/2 (2010) 21 - 23.*
2. Electrochemical behavior and simultaneous determination of Copper II, Nickel II and Zinc II at a dropping mercury electrode in the presence of 2-amino-2-methyl-1-propanol. *J.Electrochem Soc.India, Vol.58 - 3/4 (2009) 95 - 97.*
3. Polarographic study of Palladium (II) - AMP complex system. *J.Electrochem Soc.India, Vol.55 - 3/4 (2008) 8 - 10.*
4. Polarographic study of Kinetic Parameters for In(III) - OVT and Pd(II) - OVT Complexes. *J.Electrochem Soc.India, Vol.53 - 1 (2004) 10 - 12.*
5. Polarographic study of Pb (II) - OVT Complexes. *J.Electrochem Soc.India, Vol.53 - 1 (2004) 30 - 32.*

Seminars/Symposia conducted:

1. Coordinator:

National Symposium on "**Modern Trends in Chemistry Education**" held at St.Joesph's P.G.College, Kurnool on 30th September, 2005.

2. Organising Secretary:

Seminar on "Research Pursuits in Valency Expansion and Ring Formation concepts", addressed by Prof.M.N.Sudhendra Rao.

External Expertise:

Invited speaker for the National Workshop on Instrumentation Techniques for Research in Chemical Sciences WITRCS-2017 December 22&23 at Kanoria P.G. Mahila Mahavidhyalaya, Jaipur.

Invited speaker for the "Capacity Building in Chemistry" held at Silver Jubilee Degree College, Kurnool, November 17th 2016 & '17.

Invited speaker for the **INTERNATIONAL DAY FOR THE PRESERVATION OF OZONE LAYER** held at Silver Jubilee Degree College, Kurnool, September 15th 2017.

External Expert In Board Of Studies In Chemistry

Board of studies member in Chemistry for KVR Govt College for Women, Kurnool.

Board of studies member in Chemistry for Silver Jubilee Degree College, Kurnool.

Papers Presented: (National)

1. Oral presentation at National Seminar on "Recent Research Trends in Synthetic Organic And Natural Products Chemistry" (RRTSONPC - 2010), *29 - 30 March 2010 at SriVenkateshwara University, Tirupathi.*
2. Poster presentation at 12th Biennial Symposium on Modern Trends in Inorganic Chemistry (MTIC - XII) held at IIT Madras, Chennai, December 6 - 8, **2007.**
3. Oral Presentation at National Seminar on "Role of Chemistry in Emerging areas of Biology and Industries" held at SKU Anantapur, March 24 - 25, 2006.

4. Oral presentation at National Symposium on Electrochemical Science and Technology, NSEST - 2005 conducted by the Electrochemical Society of India during 22 - 23 July, 2005 at IISc Bangalore.
5. Oral presentation at National Symposium on Electrochemical Science and Technology, NSEST - 2004 conducted by the Electrochemical Society of India during 16 - 17 July, 2004 at IISc Bangalore.
6. Poster presentation at 20th conference of Indian Council of Chemistry held at Mysore University, Mysore, 22 - 24, December, 2001.

Papers Presented: (International)

Presented a poster at **First International Conference on Chemical Education (ICCE-1)** held at BARC organized by IACT, 12 - 14 November 2010.

Participation in Seminars/Symposia/Workshop:

Attended various Seminars/Symposia/Workshops held at various Universities

Projects Organized:

Guided Thirty Student Projects on Synthesis, Characterization and Analysis of Natural Products.

Guided Five student Projects on adsorption of dyes using Green adsorbents.

Guided two student Projects on synthesis of Nanoparticles and their characterization.

Extracurricular Activities:

1986 - 87: Represented Sri Venkateshwara University in All India Inter University Table Tennis Tournament (singles).

1988 - 89: Represented Sri Krishnadevaraya University in All India Inter University Volley Ball Tournament.

1989 - 90: Represented Kurnool District in South zone Basket Ball Tournament.

20 - 3 - 06: Radio Talk in Telugu, at AIR Kurnool station.

Membership:

Life member in IACT.