

TEACHER PROFILE

1. NAME : Dr. K. JAMUNA
2. DESIGNATION & ADDRESS : LECTURER (ON CONTRACT)
Department of Chemistry
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3. DATE OF BIRTH : 01/07/1978

4. CITIZENSHIP : INDIAN

5. ACADEMIC QUALIFICATIONS:

- **Ph.D. (2013):** Sri Venkateswara University, Tirupati
Title of the thesis: “**Studies on synthesis, characterization and applications of metal complexes**”
- **M.Sc. (2004):** Applied Chemistry, Sri Venkateswara University, Tirupati.
- **B.Sc. (1999):** (chemistry, physics, zoology), Sri Venkateswara University, Tirupati.

Area of Specialisation and Interest: Applied Chemistry. Interest in Analytical Chemistry and Inorganic Chemistry

Teaching Experience: 16 Years

1. Contract Lecturer in chemistry from 02-08-2003 to 2004 in S V Arts College, Tirupati.
2. Contract Lecturer in chemistry from 2005 to till date in S V Arts college, TTD, Tirupati.
3. Handling M.Sc (Organic Chemistry) Classes since 2012 (General Chemistry Theory and Physical Chemistry Practicals) and Dr.B.R.Ambedkar Open University UG Chemistry Practicals

Research Publications:

1. **Removal of heavy metals from aqueous solutions using activated carbon prepared from Cicer arietinum .Toxicological and Environmental Chemistry, 92, 1147-1460, 2010.**
2. **Synthesis, characterization and biological activity of Cu(II) and Ni(II) complexes of 3-hydroxy-4-(pyridine-2-yl-methylene amino) benzoic acid, Oriental journal of Chemistry ,27,1142-1147,2011.**
3. **Synthesis, characterization and antibacterial activity of Cu (II) and Fe (III) complexes of a new tridentate Schiff base ligand, Journal of Chemical and Pharmaceutical Research, 4(9) 4275-4282, 2012.**

Workshops/Symposiums/Conferences/Seminars/attended/organized:

1. Presented a Paper entitled **Synthesis, Characterization and biological activity of CU(II) and NI(II) complexes of 3-hydroxy-4-(pyridine-2-yl-methylene amino) benzoic acid** in the National Seminar on the Role of chemistry in monitoring the Environment, Dept. of Chemistry, S. V. University, Tirupati 31st Oct 2011.
2. Presented a Paper entitled **Synthesis, Characterization and biological assay of Cu(II) and Co(II) complexes of new tridentate Schiff base ligand** in the National Seminar on Current Trends and Developments in Organic Synthesis (CTDOS), Dept. of Chemistry, S. V. Arts College, Tirupati 9th Dec 2011.
3. Presented a Paper entitled **Structure based drug designing of s-aednosyl homocysteinehydrolase enzyme inhibitors by using neplanocin-A** in the 3rd National Seminar on Computer aided drug design, Dept. of Bioinformatics, SVIMS, Tirupati 29th -30th Dec 2011.
4. Presented a Paper entitled **Salicylic acid functionalized silica-coated magnetite nano particles for solid phase extraction and pre concentration of some trace metal ions from various environmental samples** in the National Seminar on Recent Trends in Organic Chemistry, S. V. Arts College, Tirupati 19th Dec 2013.
5. Presented a Paper entitled **Impact of Population Growth on Environment in the UGC sponsored National Seminar on “Socio-economic Factors influencing – Environmental Pollution, Biodiversity & Sustainable Development”** held in Dept. of History, GDC, Nagari during 25th -26th July 2015.
6. Presented a Paper entitled **Fictionalization of Cross Linked Chitosan with 2-Aminopyridine-3-Carboxylic acid for Solid Phase Extraction of Pb(II) and Ni(II) and their determination by Atomic Absorption Spectroscopy** in the National Conference on Current Trends in Chemical and Pharmaceutical Sciences held at S.V.University, Tirupati 1st Dec 2017.
7. Presented a Paper entitled **Removal of Cd(II) using Silver Nanoparticles Deposited Graphene Oxide: Equilibrium & Kinetic Studies** in the UGC –SERO-National Seminar on “Role of Chemistry in Nano Technology” (RCNT) Organized by the Dept. of Chemistry, S.V.Arts College, TTD's , Tirupati 13th -14th March 2019.

ATTENDED

1. Participated in National Seminar on Vedic Science in Relevance to Modern Science, Dept. of Chemistry, S.V.University, Tirupati, 18th Sep 2010.
2. Participated in 2nd International Seminar on Medicinal plants and Herbal products, Dept. of Botany, S.V. University, Tirupati, 27th-29th Dec 2010.
3. Participated in National Seminar on Energy Resources, Environmental Impacts and Industrial Waste Management, Dept. of Environmental Sciences, S.V. University, Tirupati 27-28 Feb 2012.
4. Participated in National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry, Dept. of Chemistry, S. V. University, Tirupati 19th&20th March 2012.
5. Participated in 104th Indian Science Congress held at S.V.University, Tirupati from January 3 to 7, 2017.
6. Participated in National Seminar on Recent Trends in Chemistry Research-2014 (NSRTPCR) held on 30th July-2014, at Govt. Degree College, Kodur (RS), Kadapa (Dt.), A.P.
7. Participated in State Level Seminar on “Human Resource Development in Higher Education and The Role of Government Degree Colleges in A.P.” organized by GCGTA, A.P., held at S.V.University, Tirupati 13th Dec 2014.
8. Participated in the National Conference on Emerging Trends in Pharmaceutical and Chemical Sciences” (ETPCS-2016) held during 28th& 29th March-2016 at S.V. University, Tirupati, A.P. INDIA.
9. Participated in National Seminar on Recent Advances in Materials and Chemical Sciences held at S.V.University, Tirupati 28th March 2019.

WORKSHOPS

1. Participated in State-Level Workshop on “Basic Molecular Biology Techniques (SWBMBT-2014)” held from 7th-9th November 2014, at Govt. Degree College, Kodur (RS), Kadapa (Dt.), A.P.
2. Participated in the Science Academies’ Lecture Workshop on ‘Recent Advances in Conservation of Biodiversity and Evolutionary Biology’ held in Govt. Degree College for Women, Srikalahasthi during 24th -25th November 2014.

FACULTY DEVELOPMENT PROGRAMMES PARTICIPATED

1. Teaching Pedagogy- ETET: Effective Tool for Efficient Teaching” held during 29th to 31st of May 2020 organized by the Dept. of Electronics, Computer Science(UG &PG) and Management Studies, K.G.R.L. College(A)- Bhimavaram.
2. “Capacity Building & Skill Enhancement For Higher Education Teachers” from 20-07-2020 to 25-07-2020, organized by Indira Priyadarshini Govt. Degree College for Women, Nampally, Hyderabad.