

## VEMULAPALLI LOUWKHYAA

M.S, (Ph.D)

Degree Lecturer in Chemistry



### PERSONAL DETAILS:

D.O.B: 27 June 1992

e-mail id: louwkhyaa.chinnu@gmail.com

Mobile no.: +919618378373

### ACADEMIC QUALIFICATIONS:

- Pursuing doctoral studies in Department of Chemistry, University College of Science, Osmania University, Hyderabad (2018-)
- Integrated BS-MS from **IISER PUNE** (2009-2014) with cgpa 5.7 and final dissertation project with 'very good' (A) grade.
- Intermediate (M.P.C) (2007-2009) with 92.4%
- SSC (2006-2007) with 92 %

### PROFESSIONAL DETAILS:

- Working as Degree Lecturer in Chemistry (HoD) from 07/08/2019 till date.

Other responsibilities:

- NCC co-ordinator (CTO/ANO)
- STEMS club member
- NAAC Criterion -VI in-charge
- Amenities in-charge
- Theatre club in-charge

Worked as

- IQAC Co-ordinator during the academic year 2021-22.
- Examination branch during the academic year 2021-22
- Deputy warden during the academic year 2019-20.

### RESEARCH EXPERIENCE DETAILS:

Area of interest: Inorganic and Physical chemistry, Heterocyclic compounds.

Research experience: 10 years.

Projects undertaken:

- Synthesis and Characterization of heterocyclic compounds and their xanthine oxidase inhibition activity.
- Synthesis and characterization of insulin mimetic vanadyl complexes and their binding studies with Bovine serum albumin.

- Investigation of anti-microbial properties of synthesized ternary complexes containing glycine -like ligands.
- Studies on the ensembles formed by the combination of metal ions and L-Histidine in the presence of other bio ligands in solution using pH metry.

#### **RESEARCH PUBLICATIONS/PAPER PRESENTATIONS:**

- Synthesis and solution chemistry of copper (II) mixed ligand complexes containing L-Arginine and 2,9-dimethyl-1,10-phenanthroline (Paper presentation) , CONIAPS XX, Dept. of Chemistry, UCS, OU.

#### **FDPs/ CONFERENCES/SEMINARS ATTENDED:**

- Certificate of participation for one day National seminar on “Organocatalysis: Prospects and Opportunities” on July, 1<sup>st</sup>, 2023 held at Dept. of Chemistry, UCS, Osmania University.
- Certificate of completion of 5-day online course on “Molecular Docking” from 29/04/2023 to 03/05/2023 organized by Qstatix Pvt. Ltd.
- Certificate of Participation for attending 2-Day National Seminar: Chemical Sciences in Sustainable Technology and Developments - Challenges & Opportunities (CSSTDICO - 2023) on 24th & 25th February 2023 by Department of Chemistry, TSWRD &PGCW, Mahendra hills.
- Certificate of completion of 10-day online national level workshop on “Literature review” from 10/02/2023 to 21/02/2023 organized by Essgee digiskills.
- Certificate of participation for five- days online short-term training program (STTP) on “RECENT ADVANCEMENTS IN MEDICINAL CHEMISTRY AND MATERIAL SCIENCE” (RAMCMS-2023) organized by Department of Humanities and Sciences (Chemistry), Vardhaman College of Engineering (Autonomous), Hyderabad in association with JNTU, Hyderabad.
- Certificate of Participation in one Day National webinar on “A Step-by-Step Guide to Start Scientific Research” organized by Department of Chemistry & Forensic Science, RBVRR Women's College on 15th April 2023.
- Certificate of participation for successful completion of two weeks online “**Refresher course in Chemistry**” organized by HRDC, University of Hyderabad from 10<sup>th</sup> to 22<sup>nd</sup>, October, 2022.
- Certificate of participation for completion of one-week National FDP on "Role of ADMET properties & Molecular Docking in Drug Discovery" by Department of Chemistry & Forensic Science, RBVRR Women's College in Collaboration with Qstatix private limited from 1<sup>st</sup> to 7<sup>th</sup> August, 2022.
- Certificate of attendance for delivering extension lecture on the topic of 'Fundamentals

and Future Opportunities in Chemistry' on 20/07/2022 organized by Chemistry Department of MKR Govt Degree College, Devarakonda.

- Certification of participation in Five day Online Faculty Development Programme on “Enhancing Academic and Research Endeavours in Chemistry at Higher Education Institutions” Organized by Department of Chemistry, PG center, St. Ann's College For Women, Mehdipatnam, from 4th -9th April 2022.
- Certification of presentation in Two-Day Virtual International Conference on Chemical Advances for Sustainable Development (CASD-2022) by Department of Chemistry, University College for Women, Koti, Hyderabad on Apr,12-13, 2022.
- Certificate of completion for One-week Faculty Development Programme on Psychological Skills for Effective Teaching and Learning" under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) by Teaching Learning Centre, Ramanujan College.
- Certificate of completion for Two-week online faculty development programme on managing Online Classes and Co-Creating MOOCs 3.0 from 25th July, 2020 under the most coveted MHRD-sponsored PMMMNTT, organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi.