

## Dr. VANI KONDAPARTHY



**Designation:** Assistant Professor of Chemistry

**Qualifications:** M.Sc., Ph.D.(Chemistry)

**Teaching Experience:** 12 years

**Research experience:** 6 years

**Contribution / Additional responsibilities held:** Coordinator of e-waste management

**Number of Seminars/Conferences/Workshops attended:**

*International Level: 02,*

*National Level: 04,*

*State Level: 03*

**Research Interest:** Inorganic Chemistry.

### **Research Papers:**

1. **Vani Kondaparthi**, Ayub Shaik and DevaDas Manwal. Synthesis and Characterization of Novel Oxovanadium Metal Complexes, *Journal of Applicable Chemistry* Vol 7(6) 1691- 1695. [ ISSN: 0970-7077]
2. **Vani Kondaparthi**, Ayub Shaik and DevaDas Manwal. Studies on interaction of vanadium metal complexes with bovine serum albumin - Fluoremetric and UV-visible spectrophotometric studies, *Chemical Data Collections* 20 (2019) 100203. [ ISSN: 0970-7077]
3. Ayub Shaik, **Vani Kondaparthi** and DevaDas Manwal. Synthesis and characterization of various Vanadium metal complexes, *Journal of Applicable Chemistry*, Vol 7(5) 1223-1230. [ ISSN: 0970-7077]
4. Ayub Shaik, **Vani Kondaparthi**, Rambabu Aveli, M. Vijjulatha, S. Sree kanth and DevaDas Manwal, Interaction of vanadium metal complexes with protein tyrosine phosphatase-1B enzyme along with identification of active site of enzyme by molecular modeling, *Inorganic Chemistry Communications* 126(2021) 108499. [ ISSN: 1387-7003]

5. Ayub Shaik, **Vani Kondaparthi**, Rambabu Aveli, and DevaDas Manwal, Studies on the serum glucose reducing effect of vanadium metal complexes on Wistar rats, *Journal of molecular structure* [ ISSN: 0022-2860]
6. Ayub Shaik, **Vani Kondaparthi**, Rambabu Aveli, and DevaDas Manwal, Vanadium metal complexes' inhibition studies on enzyme PTP-1B and anti-diabetic activity studies on Wistar rats, *Applied organometallic chemistry* [ ISSN: 1099-0739]

### **Refresher Courses, Orientation Courses, Short-term Courses and Faculty**

#### **Development Programmes:**

1. Attended and completed **Refresher course in chemistry** from 2-07-2013 to 23-07-2013 at UGC-ASC, Osmania University, Hyderabad.
2. Attended and completed **Orientation course** from 11-08-2016 to 07-09-2016 at UGC-HRDC, University of Hyderabad, Hyderabad.
3. Attended and completed **Online Refresher course in chemistry for higher education** for a period of 16 weeks through SWAYAM (MOOCS).
4. Attended and completed **one week online short term course on “Modern methods in organic synthesis and analytical techniques”** at UGC-HRDC, JNTU, Hyderabad.
5. Attended and successfully completed Two Week Refresher Course on Drug discovery, Drug development and Analytical interpretation of data in Pharmaceuticals research HRDC-JNTU, Hyderabad from 11.07.2022 to 22.07.2022.