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Qualification (Reverse Chronological Order)

Ph. D in Synthetic organic chemistry (2010-2016)- Indian Institute of Science Education and Research (IISER), Bhopal.

M.Sc. Honor in Organic chemistry (2007 -2009)- V.S.K. P.G. College, Andhra University, Vishakhapatnam, India.

B.Sc. (M.P.C) (2004 -2007) – A.M.A.L. College, Andhra University, Vishakhapatnam, India.

Professional Experience

Post-Doctoral (2017 Feb- 2018 Feb): Department of Chemistry & Biochemistry, Loyola University Chicago, Chicago, USA.

Post-Doctoral (2018 June- 2018 Dec): Department of Chemistry, Indian Institute of Technology Bombay, Bombay, India.

Awards and Fellowships

- **M.Sc.** (Organic Chemistry), **Gold Medal for the Best Outgoing Student in 2009**
Batch: V. S. K. P. G. College, Andhra University, Andhra Pradesh, India.
- Qualified CSIR-NET Exam in June – 2010.
- Awarded **Junior Research Fellowship** (JRF) of the Council of Scientific and Industrial Research (CSIR) in Dec 2010 – Dec 2012.

- Awarded **Senior Research Fellowship** (SRF) of the Council of Scientific and Industrial Research (CSIR) in January **2012** – Dec **2015**.
- **Best poster award** for the “*Design & Synthesis of New Class of Enaldiazo Compounds and Their Applications in Organic Synthesis*” in International Symposium on **Nature Inspired Initiatives in Chemical Trends-2014** at CSIR-IICT Hyderabad.
- Selected for the Department of Science and Technology INSPIRE Faculty Award (**DST Inspire Faculty-2018**) India.

Research Interest

- Development of novel methodologies in the field of Organo-borane chemistry.
- Development of novel methodologies by using photocatalytic conditions in organic synthesis.
- Transition metal catalyzed C-H functionalization's.
- Synthesis of biological active molecules and its applications.
- Design and synthesis of novel chiral catalysts and ligands.

Publications

- Dawande, S. G.; **Kanchupalli, V.**; Kalepu, J.; Chennamsetti, H.; Lad, B. S.; Katukojvala, S. “Rhodium Enalcarbenoids: Direct synthesis of Indoles by Rhodium (II) catalysed [4+2] benzannulation of pyrroles.” *Angew. Chem. Int. Ed.* **2014**, *53*, 4076.
- Dawande, S. G.; **Kanchupalli, V.**; Lad, B. S.; Rai, J.; Katukojvala, S. “Synergistic Rhodium (II) carboxylate and Brønsted Acid Catalysed Multicomponent Reactions of Enalcarbenoids: Direct Synthesis of α -Pyrrolylbenzylamines.” *Org. Lett.* **2014**, *16*, 3700.
- **Kanchupalli, V.**; Joseph, D.; Katukojvala, S. “Pyridazine-*N*-Oxides as Precursors of Metallocarbenes: Rhodium-Catalyzed Transannulation with Pyrroles” *Org. Lett.* **2015**, *17*, 5878.
- **Kanchupalli, V.**; Katukojvala, S. “[1+1+3] Annulation of Diazoenals and Vinyl Azides: Direct Synthesis of Functionalized 1-Pyrrolines via a New Olefination.” *Angew. Chem. Int. Ed.* **2018**, *57*, 5433.

Symposium and Poster Presentations

- Participated in Indo-German conference on “**Chemistry and Complexity**” at Department of Chemistry, IISER, Bhopal, INDIA in December 2012.
- Participated in “**JNOST (Junior National Organic Symposium Trust)**” at Department of Chemistry, IISER, Bhopal, INDIA in December 2013.
- Poster presentation in International Symposium on “**Nature Inspired Initiatives in Chemical Trends-2014**” at CSIR-IICT Hyderabad.
- Participated in In-house Symposium “**Interactions-2014**” at Department of Chemistry, IISERB, Bhopal, INDIA in Aug 2014.
- Participated in “**RSC-IISERB Symposium**” at Department of Chemistry, IISERB, Bhopal, INDIA in February 2015.
- Participated in “**IISERB-NTU symposium**” at Department of Chemistry, IISER, Bhopal, INDIA in May 2015.
- Participated in In-house Symposium “**Interactions-2015**” at Department of Chemistry, IISERB, Bhopal, INDIA in Sept. 2015.