Ravi Teja Kamisetti

Email: contact.ravi@icloud.com
Mobile No: +91-7382104466

Education

Year	Grade	Affiliation
2013-2014	10/10	Central board of **Secondary Education** (CBSE). Sri Prakash Vidyaniketan, Visakhapatnam, India.
2014-2016	95.1%	Board of **Intermediate Education**–Andhra Pradesh. Sri Chaitanya Educational Institutions, Visakhapatnam, India.
2016-2021	8.15/10	**Integrated MSc.** in Chemical Sciences. UM-DAE Centre For Excellence in Basic Sciences, Mumbai, India.

Notable achievements

- 2011 – NOV — SOF 14th National Science Olympiad ***National Rank 895***
- 2012 – NOV — SOF 15th National Science Olympiad ***International Rank 224***
- 2013 – NOV — SOF 16th National Science Olympiad ***International Rank 891***
- 2016 – MAR — National Entrance Screening Test (NEST) ***National Rank 740***
- 2022 — Publication in Bioscience Reports https://doi.org/10.1042/bsr20212160
- 2024 — Graduate Aptitude Test in Engineering – Chemistry ***AIR658***

Awards and Scholarships

- 2016 - 2021 INSPIRE SCHOLARSHIP FOR HIGHER EDUCATION – Department of Science and Technology, Government of India

Research experience

May-July 2018	• 3 Month laboratory project on *C-N cross coupling reactions of Indole and Carbazole using Cu(I) as a catalyst.* • 3 Month Reading on *Pd reagents and catalysis.* (Guide: ***Dr. Mahendra Patil***)
May-July 2019	• 3 Month laboratory project on *Preparation of Cinchona Alkaloid based Thiourea organo-catalysts.* Which are further used for Michael addition reaction. (Guide***: Dr. Raghunath Chowdhury***)
August – November 2019	• Literature survey as part of course work on *Visible-Light-Driven Organic Photochemical Reactions and Photocatalysts* (Guide: ***Dr. Mahendra Patil***)
December 2019 – April 2022	• Masters' dissertation on *Synthesis and Characterization of mixed ligand Diruthenium paddlewheel complexes for potential anticancer activity* (Guide: ***Dr. Malay Patra***)

Research skills

- Acquaintance of performing small scale reactions, under inert and dry conditions.
- Well versed with purification techniques- TLC, column chromatography, fractional-distillation, solvent extraction.
- Acquainted in handling sensitive reagents like NaH, CaH_2
- Acquaintance with voltammetry, Fluorescence and NMR Instrumentation, FT-IR, Mass-Spectrometry and HPLC

References

- ***Dr. Malay Patra,*** Reader, Department of Chemical Sciences, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005, INDIA
  Email: malay.patra@tifr.res.in
- ***Dr. Raghunath Chowdhury,*** Scientific Officer-F, Bio-Organic Division, Bhabha Atomic Research Centre, Trombay, Mumbai, India – 400085
  Email: raghuc@barc.gov.in
- ***Dr. Mahendra Patil***, Reader, School of Chemical Sciences, UM-DAE Centre For Excellence in Basic Sciences, Vidyanagari Campus, Kalina, Santacruz (East), Mumbai, India - 400098.
  Email: mahendra.patil@cbs.ac.in