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Experience

2020 - Present — **Prime Minister's Research Fellow,** National Institute of Technology Tiruchirappalli. Department of Chemistry, *Bioinorganic and Material Chemistry Lab*. Hosted By : Dr. A. Sreekanth sreekanth@nitt.edu

2019 - 2020 — **Junior Research Fellow,** National Institute of Technology Tiruchirappalli. Department of Chemistry, *Bioinorganic and Material Chemistry Lab*. Hosted By : Dr. A. Sreekanth sreekanth@nitt.edu

2018 - 2019 — **Assistant Professor**, Department of Chemistry, Gurudev Arts and Science College, Kannur University, Kerala

Education

2015 – 2017 — **M.Sc. Chemistry, National Institute of Technology Tiruchirappalli**
Thesis title: *Influence of N-terminal substitution of Thiosemicarbazones on coordination behaviour and Anticancer activity of Ruthenium(II)-Arene complexes.*
CGPA : **9.3/10** | Hosted By : Dr. R. Karvembu kar@nitt.edu

2012 – 2015 — **B.Sc. Chemistry, Kannur University**
Thesis title: *Estimation of Iron content in food samples by using spectrophotometry*
CGPA : **3.6/4** | Hosted By : Dr. Rahana Ameen rhnfhd@gmail.com

Awards and Achievements

2020 — **Prime Minister's Research Fellowship**
Enhanced PhD Research Fellowship Grant from MHRD, Government of India to pursue HDR

2019 — **GATE – MHRD Fellowship**
PhD Research fellowship Grant from MHRD, Government of India to pursue HDR.

2017 — **Academic Proficiency Prize - NIT Trichy**
Awarded the Academic Proficiency prize for Securing the Second Rank During MSc.

2015 — **Vidya Samunnathi Scholarship**
Recipient of Vidya Samunnathi Scholarship by Kerala State Government

Teaching Experience

Aug 2020 - Present — **Graduate Teaching Assistant, Department of Chemistry**
National Institute of Technology, Tiruchirappalli
Courses Taught : Chemistry Laboratory, Inorganic and Organic Quantitative Analysis Laboratory, Physical Chemistry Laboratory.

Jun 2019 - Mar 2020 — **IIT JAM Coaching for Under Represented Candidates in Kasargode**
Government College Kasargode
Courses Taught : Inorganic and Organic Spectroscopy, Coordination Chemistry, Organometallic Chemistry, Bio Inorganic Chemistry, Nuclear Chemistry

Professional Membership

2022 **American Chemical Society (ACS) - Student Member**
Membership ID : 33038799

Research Publications

Journal Articles

1. **Vishnunarayanan Namboothiri V. P**, Haribabu, J., Manakkadan, V., Rasin, P., Varughese, R. E., Gayathri, D., … Sreekanth, A. (2023). Synthesis, spectroscopic characterizations, single crystal X-ray analysis, DFT calculations, in vitro biological evaluation and in silico evaluation studies of thiosemicarbazones based 1,3,4-thiadiazoles. *Journal of Molecular Structure*, *1273*, 134309. doi:10.1016/J.MOLSTRUC.2022.134309

2. Rasin, P., Manakkadan, V., **Vishnunarayanan Namboothiri V. P**, Haribabu, J., Echeverria, C., & Sreekanth, A. (2022). Simple Fluorescence Sensing Approach for Selective Detection of Fe 3+ Ions: Live-Cell Imaging and Logic Gate Functioning. *ACS Omega*, *7*(37), 33248–33257. doi:10.1021/ACSOMEGA.2C03718

3. Rasin, P., Mathew, M. M., Manakkadan, V., **Vishnunarayanan Namboothiri V. P**, & Sreekanth, A. (2022). A Highly Fluorescent Pyrene-Based Sensor for Selective Detection Of Fe3+ Ion in Aqueous Medium: Computational Investigations. *Journal of Fluorescence*, *32*(3), 1229–1238. doi:10.1007/S10895-022-02940-3

4. **Vishnunarayanan Namboothiri V. P**, & Sreekanth, A. (2022). DNA/protein binding, molecular docking and ADME studies of fluorene-2-carboxaldehyde thiosemicarbazones and its copper complexes. *ACS Fall 2022*. doi:10.1021/scimeetings.2c00416

5. Saranya, S., Haribabu, J., **Vishnunarayanan Namboothiri V. P**, Jerome, P., Gomathi, K., Rao, K. K., … Gayathri, D. (2019). Molecular structures, Hirshfeld analysis and biological investigations of isatin based thiosemicarbazones. *Journal of Molecular Structure*, *1198*, 126904. doi:10.1016/J.MOLSTRUC.2019.126904

References

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