

Dr. AISHAKHANAM H. PATHAN

Assistant Professor

Department of Chemistry, Nehru Arts Science and Commerce College

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Profile Summary

Experienced Assistant Professor in Chemistry with a robust background in both teaching and research. Leveraging 10 years of experience, I have a proven track record of cultivating a positive and engaging learning environment. Proficient in delivering captivating lectures, facilitating laboratory sessions, and providing mentorship to undergraduate and graduate students. Committed to advancing scientific knowledge and making impactful research contributions.

Professional Experience

10 years of teaching experience

Visiting Research Professor (Overseas) | 05/2016 to 08/2016

Institute of Nano Science and Technology

Hanyang University, Seoul, South Korea

Education

Ph.D. - Organic Chemistry | 2013

Title: Metal complexes of Pyruvic Acid derivatives

Department of Chemistry, Karnatak University, Dharwad, India

Awards & Achievements

Awards & Fellowships

- Awarded Research Fellowship in Science for Meritorious Students by the University Grants Commission, Government of India, during doctoral work.
- Awarded URS Research Fellowship by University Grants Commission, Government of India,
- Awarded as the Best Student in Science in B. Sc. by Nehru Arts and Science College Hubballi in 2005.
- Recipient of Alumni Association Committee fund for securing highest marks in Bachelor of Science 2005.
- Recipient of Dr. M. M. Mansuri Memorial felicitation committee fund for securing highest marks in Bachelor of Science 2005.

As Resource Person/Invited Speaker

- Delivered an Invited Talk on "Metal Complexes of Pyruvic Acid Derivatives"
Institute of Nano Science and Technology, Hanyang University, Seoul, **South Korea**. July 9, 2015.

Research Guide for the M.Sc. Projects

- **2013-14:** Synthesis, crystal structure, characterization and biological studies of 3d-transition metal complexes of heterocyclic ligands.
- **2014-15:** Ligational behavior of new ethyl pyruvate hydrazones towards later first row transitional metal complexes: design, synthesis and characterization (2015).
- **2015-16:** Coordination complexes of benzisoxazole derived ligand: synthesis and characterization (2016).
- **2017-18:** Physico chemical investigation of First row transition metal complexes of (E)-2-(Benzo[D]isoxazol-3yl)-N'-(2-oxo-1,2-Dihydro-3AH-Indol-3(7AH)-Ylidine) Acetohydrazide" (2018)
- **2018-19:** Synthesis and Structural characterization of Novel Cu(II), Co(II), Ni(II) and Zn(II) complexes of (E)-2-(4-tert-butylphenyl)-N'-(1-(pyridin-2-yl) ethylidene) acetohydrazide.

Research Publications- 09

Papers Presented In Conferences/ Invited Talks : 06

Aishakhanam H. Pathan