

Curriculum Vitae

Dr. Tawseef Ahmad Dar

Ph.D. (Chemistry)

Indian Institute of Technology, Roorkee, India.

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Career Objectives:

To work at a suitable position where I can use my knowledge and skills optimally and where I am pushed to challenge my limitations and seek new ways to add to my intellectual growth. I am pursuing a position where hard work and creativity are encouraged to mutually benefit myself and the organization I work for.

Academic Qualifications:

Year	Course	Subjects	University/Board	Percentage
July 2013 to October 2018	Ph. D	Chemistry	Indian Institute of Technology, Roorkee, India	Awarded
2010	M.Sc.	Chemistry	Aligarh Muslim University, India	73.45
2008	B.Sc.	(Hons.) Chemistry	Aligarh Muslim University, India	78.33

Experience:

Year	Position	Institute
5 th April 2022 till date	Lecturer (Contract) Equivalent to Assistant Professor level 10	Govt. Degree College, Kulgam, University of Kashmir, J & K, India.
1 st October 2021 to 4 th April 2022	Lecturer (Contract) Equivalent to Assistant Professor level 10	Govt. Degree College, Banihal, University of Jammu, J & K, India.
20 th April 2020 to 27 th December, 2020	Lecturer (Contract) Equivalent to Assistant Professor level 10	Govt. Degree College, Tangmarg, University of Kashmir, J & K, India.
10 th Oct. 2018 to 12 th Feb. 2020	Postdoctoral Fellow	Indian Institute of Technology, Roorkee, India.
1 st July 2016 to 31 st December, 2017	Teaching Assistant during my research program	Indian Institute of Technology, Roorkee, India.

Publications:

- Tawseef Ahmad Dar**, B. Uprety, M. R. Maurya and M. Sankar 'Robust and Electron Deficient Oxidovanadium(IV) Porphyrin Catalysts for Selective Epoxidation and Oxidative Bromination Reactions in Aqueous Media'. *Green Chemistry*, 2019, Vol. 21, Pages: 1757-1768. (Impact Factor 10.18) Refereed journal published by RSC Publishers and is indexed in SCI.
- Tawseef Ahmad Dar**, R. Tomar, R. M. Mian, M. R. Maurya and M. Sankar 'Vanadyl β -tetrabromoporphyrin: Synthesis, Crystal structure and its use as an efficient and selective catalyst for olefin epoxidation in aqueous medium'. *RSC Advances*, 2019, Vol. 9, Pages: 10405–10413. (Impact Factor 3.36) Refereed journal published by RSC Publishers and is indexed in SCI.
- Tawseef Ahmad Dar** and M. Sankar 'Fused Nickel(II) Porphyrins- Sensing of Toxic Anions and Selected Metal Ions Through Supramolecular Interactions'. *Frontiers in Chemistry*, 2020, Vol. 8, Pages: 1050-1063.

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- (**Impact Factor 5.22**) Refereed journal published by Frontiers Media SA, Switzerland and is indexed in SCI.
4. **Tawseef Ahmad Dar** and M. Sankar 'Facile Synthesis of Nitrovanillin-Appended Porphyrin and Its Utilization as Potent, Recyclable, 'Naked Eye' CN^- and F^- Ion Sensor'. *Chemistry Select*, **2017**, Vol. 2, Pages: 6778–6783. (**Impact Factor 2.10**) Refereed journal published by Wiley Publishers and is indexed in SCI.
 5. **Tawseef Ahmad Dar**, M. K. Chahal, R. A. Kumar and M. Sankar 'Synthesis, electrochemical and complexation studies of Zn(II) aryloxy porphyrins with fullerene C_{60} '. *Journal of Porphyrins and Phthalocyanines*, **2016**, Vol. 20, Pages: 744-751. (**Impact Factor 1.81**) Refereed journal published by World Scientific Publishers and is indexed in SCI.
 6. **Tawseef Ahmad Dar**, Mandeep and M. Sankar 'Synthesis, Spectral and Electrochemical Redox Properties of N-Methyl Fused Nickel(II) Porphyrin'. *Journal of Porphyrins and Phthalocyanines*, **2018**, Vol. 22, Pages: 1106-1110. (**Impact Factor 1.81**) Refereed journal published by World Scientific Publishers and is indexed in SCI.
 7. M. K. Chahal, **Tawseef Ahmad Dar** and M. Sankar 'Facile Synthesis of Functionalized Urea, Imidazolium Salt, Azide and Triazole from 2-Amino-5, 7-Dimethyl-1,8-Naphthyridine Scaffold and their Utilization in Fluoride ion Sensing'. *New Journal of Chemistry*. **2018**, Vol. 42, Pages: 10059-10066. (**Impact Factor 3.59**) Refereed journal published by RSC Publishers and is indexed in SCI.
 8. **Tawseef Ahmad Dar**, Amir S. Bulbul, M. Sankar and K. M. Kadish 'Meso-Tetrapyrrenylporphyrins: Synthesis, Structural, Spectral, and Electrochemical Properties and Förster Energy Transfer Studies'. *Journal of Porphyrins and Phthalocyanines*, **2020**, Vol. 24, Pages: 985-992. (**Impact Factor 1.81**) Refereed journal published by World Scientific Publishers and is indexed in SCI.

Awards and Honours:

- Qualified Graduate Aptitude Test in Engineering (GATE) in Chemistry 2013 conducted by Indian Institute of Technology, Bombay with All India Rank (AIR) of 638.
- Was honoured with '**the best poster award**' by **American Chemical Society (ACS)** for my work on catalysis at 'ACS on Campus Symposium' held at IIT Roorkee on February 7, 2018.
- Participated in Ishan Vikas Program organised by MHRD, Govt. of India during 11-19 June, 2015.
- Qualified Jammu & Kashmir State Eligibility Test (JK-SET) for Assistant Professors held by the University of Kashmir in March, 2018.

Poster Presentation at National/ International conferences:

1. **Tawseef Ahmad Dar** and M. Sankar 'Robust Vanadyl Nonplanar Porphyrin Catalysts for Epoxidation and Oxidative Bromination' poster presentation at 'ACS on Campus Symposium' held at IIT, Roorkee on February 7, 2018 (*Won the best poster award*).
2. **Tawseef Ahmad Dar** and M. Sankar 'Selective Detection of F^- ions by Porphyrinic Chemosensors' poster presentation at the 18th CRSI National Symposium in Chemistry (NSC-18) held at INST Mohali and Punjab University, Chandigarh, during February 5-7, 2016.

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3. P. Rathi, **Tawseef Ahmad Dar** and M. Sankar ‘Sterically Crowded Porphyrins: Synthesis and Their Catalytic Applications’ poster presentation at Modern Trends in Inorganic Chemistry (MTIC-XVII) held at CSIR-NCL, Pune and IISER, Pune during December 11-14, 2017.
4. **Tawseef Ahmad Dar** and M. Sankar ‘Synthesis and Catalytic Applications of β -Functionalized Vanadyl Porphyrins’ poster presentation at national conference on emerging trends in chemical sciences (ETCS-2019) held at Central University of Jammu, during March 14-15, 2019.

Workshops:

1. Attended workshop on “**Thin Film Solar Cells**” held at the Department of Chemistry, IIT Roorkee during April 16-17, 2018.
2. Attended workshop on “**Plagiarism-what it is and how to avoid it?**” held on 31st October 2018 at MAC Auditorium, IIT Roorkee.
3. Participated in National Level Faculty Development Programme on “**MOODLE: Learning Management System**” organized by Central Library, Govt. Degree College, Tangmarg in association with Spoken Tutorial Project, IIT Bombay from 20th June to 24th June 2020.

Hobbies:

Playing cricket, reading novels and writing.

Extracurricular activities:

1. Winners of 8th Rouf Memorial Cricket Tournament, Aligarh Muslim University, 2010.
2. Winners of Intra Bhawan Cricket Tournament, Azad Bhawan, IIT Roorkee, 2015-2016.
3. Winners of Intra Bhawan Cricket Tournament, Azad Bhawan, IIT Roorkee, 2017-2018.

Personal Information:

Name: Tawseef Ahmad Dar

Father’s Name: Gh. Mohd Dar

Mother’s Name: Shakeela Akther

Marital Status: Married

Nationality: Indian

Languages: English, Hindi, Kashmiri and Urdu.

Permanent Address: Ashmuji, Kulgam, Anantnag, Jammu and Kashmir, India - 192231.