



Focus Area

Materials Science

Dr. Vaishali Sharma M

Technical Specialist, PhD (Material Science)

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Summary

Dr. Vaishali Sharma M has experience in academic research and Intellectual Property. She has a PhD in Materials Science and has published her research in various international journals. An experience of over 8 years in academic research has helped her in having stronghold in the field of Materials Science and Chemistry.

She got her training in Intellectual Property Rights under Women Scientist C, DST programme for one year. The main aspects of her training included writing response to First Examination Report, Patentability search.

Work Experience

Technical Specialist, LexpertConsilium LLP (Backoffice of Dave Law Group LLC), Bengaluru, India, September 2020 - Current

Women Scientist C / Intellectual Property Trainee (TIFAC Fellow, Department of Science and Technology), 2020, Bengaluru, India, August 2019 - July

Postdoctoral Researcher, Center for Nano and Soft Matter Science, Bengaluru, India, May 2018 - May 2019

Research Assistant, Indian Institute of Science, Bengaluru, India, August 2017 - April 2018

Presentation

Poster Presentation, IUCr, Montreal, Canada, 2014

Poster Presentation, IUCr, Hyderabad, India, 2017

Languages

English, Kannada, Tulu

Education

Indian Institute of Science, Bengaluru, India

PhD (Material Science)

Mangalore University, India

MSc (Material Science)

Mangalore University, India

BSc (Physics, Chemistry, Mathematics)

External Publications

- Vaishali M. Sharma, Diptikantha Swain and T. N. Guru Row "Superionic Behavior and Phase transition in a Vanthoffite Mineral", *Inorg. Chem.* 56, 6048, 2017
- Umesh D. Pete, Amol G. Dikundwar, Vaishali M. Sharma, Shridhar P. Gejji, Ratnamala S. Bendre and Tayur N. Guru Row "Partial rotation of the isopropyl group in the solid state: single-crystal-to-single-crystal phase transformation in a carvacrol derivative", *Crystal Engineering Communication*, 17, 7482–7485, 2015
- Vaishali M. Sharma, Diptikantha Swain, C. Narayana and T. N. Guru Row "Structure Phase transition and conducting properties in Bimetallic sulfates", *Acta crystallographica A*, 70. C74, 2014
- Vaishali M. Sharma, Dipankar Saha, Giridhar Madras and T. N. Guru Row "Synthesis, structure, characterization and photocatalytic activity of $\text{Bi}_2\text{Zr}_2\text{O}_7$ under solar radiation", *RSC Advances*, 3, 18938-18943, 2013