Curriculum Vitae



Personal Information-
Name Dr. Irshad Ahmad
Date of Birth- 31.01.1985
Nationality Indian
ContactPhone: +91-7678336502
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Current Position Assistant Professor (Guest)

Education-
Ph.D. [Chemistry] [Jamia Millia Islamia University**] [**2018**]**
Thesis [Synthesis and Characterization of molecular imprinted nanomaterials for the removal of heavy metals from aqueous solution]
M.Sc. [Chemistry] **[**AMU**] [**2010**]**
B.Sc. [Chemistry] **[**AMU**] [**2008**]**
Diploma in French Language **[**AMU**] [**2006**]**

Research Interests- Applied Science, Material Science, Nano-Science,

Teaching Experience- Teaching Assistant since 2019 as a Guest Faculty
[Faculty of Engineering and Technology, Jamia Millia Islamia]
[Department of Chemistry, C.M. Science College, LNMU]

Publications-

Book Chapters-

- Book Chapter-24 Molecularly Imprinted Magnetite Nanomaterials for Energy Storage Applications has been published in **Advances in Electronic Materials for Clean Energy Conversion and Storage Applications, Elsevier (2023)** 475-496.
- Book Chapter-8 Applications of Functionalized Carbon Nanotubes in Cancer Therapy and Diagnosis has been published in **Functionalized Carbon Nanotubes for Biomedical Applications, Wiley-Scrivener,(2023)** 171-196.
- Book Chapter-3 Molecularly Imprinted Magnetite Nanomaterials and Its Application as Corrosion Inhibitors has been published in **Inorganic Anticorrosive Materials, Elsevier(2022)** 55-84.
- Book Chapter-4 Economical Uses of Chemically Modified Carbon Nanotubes has been published in **Chemically Modified Carbon Nanotubes for Commercial Applications, Wiley-Scrivener, (23 December 2022)** 781-794**.**
- BookChapter-7DesigningMetal–Organic Frame works for Clean Energy Applications has been published in **Materials Research Foundations 53(2019)**140-169.

Research Papers/Patents-

- Synthesis of Molecularly Imprinted Magnetite Nanomaterials in the elimination of heavy metalsfrom Aqueous Solution has been published in UGC listed journal **(JAAFR)**, Journal of Advance And Futurre Research ;**2025.**
- Toxicological and life-cycle perspectives on waste-derived nanoparticleshas been publishedin **(MSCE)** Journal of Materials Science and Chemical Engineering; **2024.**
- Study of Magnetite Nanoparticles (F_{e3O4}@Si_{O2}) for recovery of metal ions (Ni) from FCC Dust by Induced Crystallization Method has been published in Sodh Samalochan ISSN: 2348-5639, **2024.**
- Synthesis and Characterization of Molecularly Imprinted Magnetite Nanomaterials as a Novel Adsorbent for the Removal of heavy metals from Aqueous Solution has been published in **(JMRT)** Journal of Materials Researcha nd Technology;**2019.**
- Synthesis, Characterization of Silica nanoparticles and adsorption removal of Cu^{2+} ions in aqueous solution has been published in UGC listed journal **(IJETAE)**, International Journal of Emerging Technology and Advanced Engineering;**2017.**

Papers Presented in Seminars/Conferences/Invited Lectures-

- **Invited lecture** on Synthesis of Molecularly Imprinted Magnetite Nanomaterials for the removal of heavy metals from water in International Conference on Intellectual Property and Advances in Chemical Sciences **(IPACS-2025)**heldfrom**25th & 26th July, 2025** at C.M. Science College, Darbhanga.
- National Webinar on "**Thinking towards Water Wisdom: Possibilities and Challenges"** Organized by Coulmbia College, Raipur (C.G.) on **05.06.2024.**
- National seminar on **"Applications of Nanomaterials"** held on **October 31,2023** Organized by Department of Chemistry at MLSM College,Darbhanga.
- **International seminar** on New Frontiers in Chemical Sciences **{ISNFCS-2022}** Organized by Department of Chemistry at C.M. ScienceCollege,Lalit Narayan Mithila University, Darbhanga held from **29th & 30th July, 2022.**
- International seminar on **"New Frontiers in Chemical Sciences {ISNFCS-2022}** Organized by Department of Chemistry at C.M. Science College, LNMU, Darbhanga held from **July 29-30, 2022.**
- National Webinar on **Development of Science and Technology in India: An Opportunity for National Prosperity** Organized by Department of physics (Under DBT-Star College Scheme) at Patna Science College, Patna University, held from **Feb 20-21, 2021.**

- National Webinar on **"New Frontiers in Artificial Intelligence, Material Science and Nanotechnology"** held on **January 08,2023** Organized by Department of physics at Marwari College, LNMU- Darbhanga.

Personal Details-

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Darbhanga- 846004.

Declaration-

There by declared that the information furnished above is true to the best of my knowledge.

Dr. Irshad Ahmad