Miranda House
UNIVERSITY OF DELHI

Name: Yogesh Kumar

Department: Chemistry

Current Designation: Assistant Professor

Email id: yogesh.kumar@mirandahouse.ac.in

Academic Qualifications: Ph.D. Chemistry, M.Sc Chemistry,B.Sc (H) Chemistry

Field of Specialization under the Subject/Discipline: Physical Chemistry

Total Teaching Experience: 03

1. Assistant Professor (ad hoc) Gargi College, University of Delhi, India

From: 19/01/2021 to 09/07/2021

Subject Taught: Chemistry of Cosmetics and Perfumes, Chemical Kinetics, Thermodynamics

Other Responsibilities: Assignment Evaluation, Term end paper Evaluation, Practical Classes and practical

2. Assistant Professor (Extension) GC, MDU, Rohtak, Haryana, India

From: 07/01/2017 to 18/05/2017

Subject Taught: Ionic Equilibrium, Chemical Kinetics, Thermodynamics

Other Responsibilities: Assignment Evaluation, Term end paper Evaluation, Practical Classes and practical exam

3. Assistant Professor (Guest) SSN College, University of Delhi, India

From: 21/03/2016 to 21/06/2016

Subject Taught: Gases and solids, Chemical Kinetics, Thermodynamics

Other Responsibilities: Assignment Evaluation, Term end paper Evaluation, Practical Classes and practical

4. Assistant Professor, Miranda House, University of Delhi, India

From November 22, 2021- March 16, 2023 (adhoc)
Joined as regular faculty from March 18, 2023

Subject Taught: Atomic structure, Kinetic Theory, Thermodynamics, Bio-inorganic, Phase Equilibrium, Chemical Kinetics

List of Publications

1. **Kumar, Y.,** Shabir, J., Gupta, P., & Kumar, L. S. (2021). Design and Development of Amine Functionalized Mesoporous Cubic Silica Particles: A Recyclable Catalyst for Knoevenagel Condensation. *Catalysis Letters*, 1-11. **(IF 3.18)**
2. **Kumar, Y.,** Kaushik, R., Rani, S., Rafat, S., Shabir, J., Dev, K., & Kumar, L. S. (2021). Curcumin immobilized metal organic framework based fluorescent nanoprobe for selective sensing and bioimaging of Fe (II). *Materials Today Communications*, *28*, 102563. **(IF 3.38)**
3. **Kumar, Y.,** Rani, S., Shabir, J., & Kumar, L. S. (2020). Nitrogen-Rich and Porous Graphitic Carbon Nitride Nanosheet-Immobilized Palladium Nanoparticles as Highly Active and Recyclable Catalysts for the Reduction of Nitro Compounds and Degradation of Organic Dyes. *ACS omega*, *5*(22), 13250-13258**. (IF 3.5)**

Conferences Organised

1. **Member of Organizing Committee** for a five days face to face training programmer on "Understanding the Vulnerability and Risk associated with Urban Areas" from 23rd to 27th November 2021 at **Centre for Environmental Studies Disaster Management, Miranda House, University of Delhi**

Seminars/Workshops/Conferences attended

1. **"Understanding the Vulnerability and Risk associated with Urban Areas**" from 23rd to 27th November 2021 at **Centre for Environmental Studies Disaster Management, Miranda House, University of Delhi**

2. Poster presented at Dr. Shanti Swarup Bhatnagar Chemical Society National Workshop on Thieme Chemistry: Science of Synthesis **Department of Chemistry, University of Delhi, New Delhi India 28 September,2018**

3. Oral presentation **at National Conference on "Nano-polysaccharides for Environmental Sustainability" Department of Chemistry, Jamia Millia Islamia, New Delhi, India. September 25, 2019**

4. Poster presentation at 2nd National Conference on **Emerging Trends and Future Challenges in ChemicalSciences-2020 (ETFC-2020), Kirori Mal College University of Delhi, India. 10th - 11thJanuary, 2020.**

5. Oral presentation at **National seminar on Environment, Society and Culture Interdisciplinary Perspective, SOITS, IGNOU, India. 28 January, 2020**

Research Guidance

D S Kothari Centre for Research and Innovation (DSKC) Summer Workshop 2022
(9 June to 14 July 2022)
Project Title: Solid Waste Management
No. of Students: 3