



Faculty Profile on University Website

www.kmclu.ac.in



Name	Dr. Richa Yadav				
Designation	Assistant Professor (Temporary)				
Department	Chemistry/Applied Sciences and Humanities				
Contact Details					
Email	yadav.richa06@gmail.com				
Mobile No.	+91-7235985509				
Educational Qualification					
Exam	Board/University	Subject		Passing Year	
Ph.D.	Banaras Hindu University	Chemistry		2020	
GATE		Chemical Sciences		2014	
M.Sc.	University of Lucknow	Chemistry		2013	
B.Sc.	University of Lucknow	Zoology, Botany, Chemistry		2011	
Details of Service					
Employer's Name and City	Designation	Type	Date (from)	Date (up to)	Total Experience
Khwaja Moinuddin Chishti Language University, Lucknow	Assistant Professor	Temporary	28 September 2026	Till Now	
Department of Social Welfare, Uttar Pradesh Government	Subject Expert (Chemistry) for NEET/JEE	Temporary	01 July 2023	Till Now (Still empanelled)	03+ Years
CSIR-CIMAP	Research Associate-Project	Temporary	10 October 2022	31 March 2023 (Project Completed)	05 Months 20 Days
Academic Details					
Teaching Area/Specialization	1. Chemistry, a) Inorganic Chemistry, b) Analytical Chemistry.				
Teaching Experience	Teaching Experience (In Years): 03+ Years 1. Subject Expert (Chemistry) for NEET/JEE aspirants under Mukhyamantri Abhyuday Yojana, Department of Social Welfare,				

	Uttar Pradesh Government, Lucknow. (July 2023–present). 2. Assistant Professor , Department of Chemistry, Khwaja Moinuddin Chishti Language University, Lucknow. (28 September 2026 - present).
Research Area	• Organic Synthesis • Optical Chemosensors (Colorimetric and Fluorescent) • Analyte Sensing • Cell Organelle Tracking
Orchid ID	0000-0002-3790-9133
Google Scholar Profile	https://scholar.google.com/citations?user=aljjl_YAAAAJ&hl=en

Research Details	
No. of Research Publications	06
No. of P.hD./M.Phil. Awarded under Supervision	Nil
Projects and Their Details	Nil
No. Conferences/Seminars/Workshops Participated	04
List of Publications	
1. Yadav, R. , Odera, K., Rai, A., Noguchi, A., Takahashi, R., and Mishra L., A Stable and Highly Sensitive Fluorescent Probe for Detection of Hypochlorite Ion In Vitro and in Living Cells, <i>Chem. Lett.</i> , 48, 110–113, 2019.	
2. Yadav, R. , Odera, K., Rai, A., Takahashi, R., and Mishra L., Synthesis, characterization, and supramolecular architectures of two distinct classes of probes for the visualization of endogenously generated hypochlorite ions in response to cellular activity, <i>Journal of Photochemistry & Photobiology, B: Biology</i> , 198, 111594, 2019.	
3. Yadav, R. , Rai, A., Sonkar, A. K., Rai, V., Gupta, S.C., and Mishra, L., A viscochromic, mechanochromic, and unsymmetrical azine for selective detection of Al ³⁺ and Cu ²⁺ ions and its mitochondria tracking studies, <i>New J. Chem.</i> , 43, 7109-7119, 2019.	
4. Srivastava, A. K., Singh, A. K., Kumari, N., Yadav, R. , Gulino. A., Speghini, A., Nagarajan, R., and Mishra, L., Pyridyl substituted 4-(1,3-Dioxo-1H,3H-benzo[de]isoquinolin-2-ylmethyl)-benzamides with aggregation enhanced emission and multi-stimuli-responsive properties, <i>Journal of Luminescence</i> , 182, 274-282, 2017.	
5. Shaikh, M., Yadav, R. , Tyagi P. K., Mishra, L., and Ranganath, K. V. S., Remarkable Confinement Effect of Nanofiber in Carbon Nanotubes for Dehydrogenative Coupling of Alcohols with α -Diaminobenzene: A Route for the Synthesis of Benzimidazoles, <i>ChemNanoMat</i> , 4, 542-545, 2018.	
6. Sonkar, A. K., Rai, A., Tripathi, K., Yadav, R. , Shukla, M., Chauhan, B. S., Srikrishna, S. S., and Mishra, L., A dual optical probe with larger stokes shift for simultaneous detection of Cu ²⁺ and Zn ²⁺ ions and aggregation induced enhanced emission empowering selective detection of Cu ²⁺ ions, <i>Sensors and Actuators B: Chemical</i> , 327, 129011, 2021.	

Honours/Awards
1. Best Poster Prize in the “National Symposium on Emerging Trends in Chemical Sciences (NSETCS-2018)” held on November 17-18, 2018, at Banaras Hindu University, Varanasi.
2. Second Best Poster Prize “International Conference on Emerging Trends in Chemical Sciences (ICETCS-2018)” held on February 24-25, 2018 at Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur.
3. GATE 2014 Qualified Conducted by IIT-Kharagpur.
4. Awarded CSIR SRF (Direct) 2018 .
5. Awarded “ Prashasti Patra ” from Government of Uttar Pradesh for teaching in Mukhyamantri Abhyuday Yojana, Department of Social Welfare, Uttar Pradesh Government, Lucknow.
Administrative Services to the University
1.
2.
Community Service/Social Service/Other Contributions
1.
2.
Any Special Information
1.
2.

Rishi Yadav

Signature of Faculty Member