Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	**First Name**	Sundeep	**Last Name**	Kumar	**Photograph**



Designation		Associate Professor
Department		Department of Applied Chemistry
Address	**Campus**	Department of Applied Chemistry, Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly
	Residence	House No. 61, B-2, Sectror-3, Ram Ganga Nagar, Bareilly
Mobile No.		9761278964
Email ID	Personal	sunchdcy@gmail.com
	University Domain	sundeepkumar@mjpru.ac.in
Professional Networking ID, i.e. Linkedin, Twitter etc.		.....

Educational Qualifications (Graduation Onwards)

Course/Degree	Institution	Year	Details/Thesis Topic/Subjects
B.Sc.	C.C.S. University, Meerut	1998	Physics, Chemistry, Mathematics
M.Sc.	University of Roorkee, Roorkee (IITR, Roorkee)	2000	Chemistry (Inorganic Chemistry)
Ph.D.	Indian Institute of Technology Roorkee, Roorkee	2018	Studies on Organotin(IV) Derivatives of Schiff Bases

Career Profile

Organization / Institution	Designation	Duration	Nature of Duties
M.J.P. Rohilkhand University, Bareilly	Lecturer	25.11.2002 to 24.11. 2008	Academic
M.J.P. Rohilkhand University, Bareilly	Sr. Lecturer	25.11.2008 to 24.11. 2017	Academic/Research
M.J.P. Rohilkhand University, Bareilly	Assistant Professor (Stage-3)	25.11.2017 to 24.11. 2020	Academic/Research
M.J.P. Rohilkhand University, Bareilly	Associate Professor	25.11.2020 onwards	Academic/Research

Research Interests / Specialization

Organometallic Chemistry, Organotin Chemistry, Single Crystal X-ray Crystallographic Analysis of

Organotin-based Compounds, Organotin-based Biologically Active Compounds and their Modes of Action.
Research Experience in Years: 16
No of Research Scholars Successfully Guided

Name of Programme	Awarded	Under Supervision
Ph.D.		05
Dissertation (M.Sc)		

Researcher/ Expert ID	**Scopus**	**Orchid**	**Publons**	**Vidwan**	**Google Scholar**
	57209548180	*********	AAY-1894-2020	165358	sunchdcy@gmail.com

Teaching Experience (Subjects/Courses Taught)

UG Level: Co-ordination Chemistry, Organometallic Chemistry, Environmental Chemistry and Physical Chemistry

PG Level: Advanced Inorganic Chemistry and Organic Spectroscopy

Ph.D. Course Work: Bio-inorganic Chemistry and Spectroscopic Techniques

Honours / Awards & Fellowship for Outstanding Work

Name of Award/ Fellowship	**Awarded By**		
	Name of Governmental Agency	**Name of Government Supported Organization/ Department**	**Name of International Recognized Body**
QIP Fellowship to pursue PhD	MHRD, New Delhi	IITR, Roorkee	……..

Publications /Academic Activities (Numbers Only)

Books & Monographs (Single Author)		Research Papers Published in International Journals	09	Papers Presented in Seminars/ Conferences		Seminars/ Conferences Organized		Research Projects (Completed)	01
Books (Co-authored)		Research Papers Published in Other Journals		Seminar/ Conferences Attended		Workshops Organized	01	Research Projects (Ongoing)	
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences		Membership of Academic/ Professional Bodies	01	Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books	03			Resource Lectures Delivered					

Details of Publications /Academic Activities (2010 Onwards)

(a) Authored Books/ Monographs

Name of Book	Year of Publication	Publisher	ISBN No

(b) Edited Books

Year of Publication	Title	Publisher	ISBN	DOI No.	Citations

(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals

Year of Publication	Title	Name of Journal	ISSN No	Citations	Impact Factor
2017	New triphenyltin(IV) complexes of flexible tripodal Schiff base ligands: X-ray structural characterization of $Ph_3SnCl.(H_3trensal)$	Journal of Organometallic Chemistry	0022-328X	7	2.7
2017	Novel binuclear diorganotin(IV) complexes of adipic acid dihydrazone containing flexible aliphatic spacer: X-ray structural characterization of dimethyltin(IV) complex	Journal of Organometallic Chemistry	0022-328X	8	2.7
2018	New diorganotin(IV) complexes of salicylaldehyde based hydrazones bearing furan heterocycle moiety: X-ray structural investigation of dimethyltin(IV) and diphenyltin(IV) complexes	Journal of Organometallic Chemistry	0022-328X	22	2.7
2023	Mn(II) complexes of 1-(4-methoxybenzoyl)-4-phenyl-3-thiosemicarbazide containing o-phenanthroline and 2,2-bipyridine as co-ligands: Synthesis, crystal structure, spectral characterization, photoluminescence and electrochemical studies	Journal of Molecular Structure	0022-2860	9	4.9

2024	Study on pH dependent ON/OFF fluorescent switching behaviour of hydrothermally synthesised vanadium disulphide quantum dots (VS_2-QDs)	Chemical Physics Impact (SCI)	2667-0224	9	5.9
2024	$CaCO_3$-TiO_2 impregnated aloe vera-allyl methacrylate antimicrobial nanoemulsion for coating	Rasayan J. Chem. (Scopus Indexed)	0976-0083	-	-
2025	Anticancer evaluation of Co(III) complex derived from 1-isonicotinoyl-4-(4 nitrophenyl)-3-thiosemicarbazide: Structural characterization, photophysical, and Hirshfeld studies	Inorganic Chemistry Communications (SCI)	1387-7003	3	5.9
2025	Improved antimicrobial efficacy of copper-engineered zirconium oxide nanoparticles against some foodborne bacterial strains, synthesised via a facile hydrothermal method	Surfaces and Interfaces (SCI)	2468-0230	5	6.0
2025	Synthesis and Study of pH Independent L-Cysteine Capped Zirconium Oxide Quantum Dots as a Potential Bio-Imaging Probe Using HeLa Cells	Journal of Fluorescence (SCI)	1573-4994	1	3.4

(d) Chapter/Paper Published in Edited Books

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN	DOI	Citation Google/ web of science
National	International							
-	Yes	Hazardous Chemicals Overview, Toxicological Profile, Challenges, and Future Perspectives	Assessing toxicity of p-chloroaniline: Current research and future perspectives	Academic Press (Elsevier)	2025	978-0-323-95235-4	**https://doi.org/10.1016/B978-0-323-95235-4.00014-1**	1
-	Yes	Hazardous Chemicals Overview, Toxicological Profile, Challenges, and Future Perspectives	Toxicological aspects of hazardous vanadium oxide (VO): Direction on humanhealth, environment issue, and future research	Academic Press (Elsevier)	2025	978-0-323-95235-4	**https://doi.org/10.1016/B978-0-323-95235-4.00013-X**	2
-	Yes	Millets and Millet Starch: Chemical Composition, Functional Modification, and Applications	Traditional Food Products of Little Millet, Kodo Millet, Pearl Millet, Proso Millets, and Sorghum Millet	(Springer)	2026	978-3-032-09502-2	**10.1007/978-3-032-09502-2_15**	

(e) Invited as Resource Lectures Person/Examiner/Expert

Resource person	Detail of Event	Title of Lecture	Date	Institution

(f) Seminars/Conferences/Workshops Organized

Organized one-week National Workshop on "Innovative Research on Materials in Science and Engineering (IRMSE-2016)" *w.e.f.* April 17-22, 2016 as an Organizing Secretary of the Workshop

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
2019	Design and development of Organotin(IV) derivatives of biological relevance	TEQIP, MJPRU, Bareilly	2.0 lakh	2019	2021

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
Co-coordinator in Entrance Examination Cell	MJP Rohilkhand University, Bareilly	2019	2020
Co-coordinator in Entrance Examination Cell	MJP Rohilkhand University, Bareilly	2022	2023
Convenor (Board of Studies), Department of Applied Chemistry	MJP Rohilkhand University, Bareilly	Dec 2020	Dec 2022
Proctor (Basic Sciences, IET)	MJP Rohilkhand University, Bareilly	2020	2022
Assistant Director (Directorate of Research)	MJP Rohilkhand University, Bareilly	Oct 2024	July 2026

(i) Seminar/Conference Presentations

(j) Memberships of Academic/Professional Bodies

Life Member, The Indian Science Congress Association, India (L40952)

(k) Participation in Community Service / Exchange Programme / Consulting Activity

(l) International Academic Exposure

(m) Any Other Details

1. Qualified Joint CSIR-UGC National Eligibility Test (NET) for Lectureship held on 25.06.2000.
2. Qualified Joint CSIR-UGC National Eligibility Test (NET) for Lectureship held on 1st July, 2001.
3. Qualified Joint CSIR-UGC Junior Research Fellowship (JRF) and Eligibility for Lectureship-National Eligibility Test (NET) held on 23rd June, 2002.
4. Qualified Graduate Aptitude Test in Engineering [2000, 2001 and 2007]



Dr. Sundeep Kumar)