Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	**First Name**	RENU	**Last Name**	BHASKAR	Photograph
Designation		Guest Faculty				
Department		Chemistry				
Address	**(Campus)**	Department of Chemistry				
	(Residence)	OMQ 13/2 Officers Enclave Air Force Station Bareilly				
Mobile		8376905256				
Email		Personal	renukbhaskar@gmail.com			
		University Domain				
Professional Networking ID, ie. Linkedin, Twitter etc.		**Linkedin- www.linkedin.com/in/dr-renu-bhaskar**				

Educational Qualifications (Graduation Onwards)

Course/ Degree	Institution	Year	Details/Thesis Topic/Subjects
B.Sc	University Maharani's College, Jaipur	2010	Chemistry, Botany, Zoology
M.Sc	Banasthali Vidyapith	2012	Chemistry
Ph.D	Indian Institute of Technology Delhi, New Delhi	2018	Metal Complexes of Chalcogenated Ligands and Related Nanoparticles: Designing and Cataytic Applications

Career Profile

Organization / Institution	Designation	Duration	Nature of Duties
Indian Institute of Technology Delhi, New Delhi	J.R.F.	July 2013- June 2015	Research
Indian Institute of Technology Delhi, New Delhi	S.R.F.	July 2015- April 2018	Research
Saurashtra University, Rajkot, Gujarat	Assistant Professor (On contract)	Oct 2020 to Sep 2021	Teaching and Research
M.J.P. Rohilkhand University, Bareilly	Guest Faculty	Nov 2021 to onwards	Teaching

Research Interests / Specialization- Organometallics and Nanocatalysis

Research Experience in Years- 5 Years

No of Research Scholars Successfully Guided-

Name of Programme	Awarded	Under Supervision
Ph.D	----	----
M.Phill.	----	----
Dissertation (M.Ed,/M.A.)	**----**	

Researcher/Expert ID	Scopus	Orcid	Publons	Vidwan	Google Scholar
		0000-0002-9558-8104			Dr. Renu Bhaskar cyz138122@iitd.ac.in

Teaching Experience (Subjects/Courses Taught)

PG Level: Advanced Organic Chemistry

Ph.D. Course Work: Natural Products and Spectroscopic Techniques

Honors & 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
CSIR-UGC Joint Research Fellowship	CSIR-UGC	Indian Institute of Technology Delhi, New Delhi	CSIR-UGC
GATE	MHRD	IIT Bombay	MHRD
Best Poster Presentation Award	ACS Organometallics	Bhabha Atomic Research Centre, Mumbai	ACS Organometallics

Publications /Academic Activities (Numbers Only)

Books & Monographs (Single Author)	NA	Research Papers Published in International Journals	07	Papers Presented in Seminars/ Conferences	05	Seminars/ Conferences Organized	NA	Research Projects (Completed)	NA
Books (Co-authored)	NA	Research Papers Published in Other Journals	NA	Seminar/ Conferences Attended	05	Workshops Organized	NA	Research Projects (Ongoing)	NA
Books (Edited)	NA	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	NA	Sessions Chaired in Seminars/ Conferences	NA	Membership of Academic/ Professional Bodies		Foreign Countries Visited for Academic Assignments	01
Chapters in Edited Books	NA			Resource Lectures Delivered					

Details of Publications /Academic Activities (2010 Onwards)

(a) Authored Books / Monographs

Name of Book	Year of Publication	Publisher	ISBN No
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(b) Edited Books

Year of publication	Title	Publisher	ISBN	DOI No.	Citations

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

Year of Publication	Title	Name of Journal	ISSN No.	Citations	Impact Factor
2017	Reusable Catalyst for Transfer Hydrogenation of Aldehydes and Ketones Designed by Anchoring Palladium as Nanoparticles on Graphene Oxide Functionalized with Selenated Amine"	ACS Appl. Mater. Interfaces	1944-8244	41	9.229
2017	Sonogashira (Cu and amine free) and Suzuki coupling in air catalyzed via nanoparticles formed in situ from Pd(II) complexes of chalcogenated Schiff bases of 1-naphthaldehyde and their reduced forms	*Dalton Transactions*	1477-9234	22	4.390
2017	Palladium(II) Complexes of N-Heterocyclic Carbene-Amidates Derived from Chalcogenated Acetamide-Functionalized 1H-Benzimidazolium Salts: Recyclable Catalyst for Regioselective Arylation of Imidazoles in Aerobic Condition	*Organometallics*	1520-6041	23	3.876
2017	Palladacycles of sulfated/selenated schiff base of ferrocenecarboxaldehyde as catalysts for O-arylation and Suzuki–Miyaura coupling	*Dalton Transactions*	1477-9234	30	4.390
2017	Complexes of (η5-Cp*)Ir(III) with 1-benzyl-3-phenylthio / selenomethyl-1,3-dihydrobenzoimidazole-2-thione/selenone: catalyst for oxidation and 1,2-substituted benzimidazole synthesis	*Dalton Transactions*	1477-9234	32	4.390
2019	Solvent-tailored $Pd_3P0.95$ nano catalyst for amide–nitrile interconversion, the hydration of nitriles and transfer hydrogenation of the C=O bond	*Dalton Transactions*	1477-9234	06	4.390
2015	Pyrazole stablized dinuclear palladium(II) chalcogenolates formed by oxidative addition of bis[2-(4-bromo-pyrazol-1-yl)ethyl] dichalcogenide to Pd(II)- tailoring of	European Journal of Inorganic Chemistry	1099-0682	13	2.524

	Pd-S/Se NPs				

(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							

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

Resource person	Detail of Event	Title of Lecture	Date	Institution

(f) Seminars/Conferences/Workshops Organized -

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

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To

(i) Seminar/Conference Presentations

1. Amide Functionalized (C, N, S/Se) type N-Heterocyclic Carbene and their Pd(II) Complexes: Highly Efficient for regioselective arylation of imidazoles, Symposium on selenium chemistry and biology (**SSCB-2017**) held at **BARC, Mumbai** on 09.11.2017.
2. Palladium Complexes of (C^{-}, N, E) Pincer and Bidentate (N,E) ligands (E = S or Se) based on Naphthalene core in catalysis of C-C coupling via in situ formed nanoparticles, International conference on catalysis and chemical engineering (**CCE-2018**) held at Paris, France on 19.02.2018.
3. Palladium Nanoparticles Anchored on Graphene Oxide Functionalized with Selenated Amine: An Efficient and Reusable Catalyst for Transfer Hydrogenation, **MTIC-XVII**, at CSIR-NCL AND IISER-Pune on 11.12.2017
4. Pyrazole motif based dinuclear palladium (II) chalcogenolates – Tailoring of Pd- S/Se Nanoparticles, **NDCS-2015** at BITS-Pilani on 16.10.2015
5. Ruthenium(II) Complexes of Chalcogenated 1,2,3-Triazole in Catalysis of Transfer Hydrogenation and Amide Synthesis, **RAICS-2015** at MNIT-Jaipur on 21.08.2015.

(j) Memberships of Academic/Professional Bodies

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

Signature of Faculty Member