

Curriculum vitae



1. Name: **Dr. NALINI DWIVEDI**
2. Designation: Assistant Professor
3. Subject: Chemistry
4. Academic Qualifications: M.Sc., GATE, M.Phil., DPhil.
5. Areas of interest/Specialization: Organic Chemistry/ Inorganic Chemistry
6. Date of Birth: 01/02/1984
7. Date of Joining: 15/06/2022
8. Experience: 1.5 year
9. Official Address: Raghunath Girls' post Graduate College, Meerut
10. Contact no. : 9415865359
11. Email: nalini246@gmail.com
12. Areas of research: Synthesis of Schiff bases ligands containing different donor atoms (O, N & S) and their complexes, Synthesis of Metallo-Organic Compounds .

13. Research Papers published:-

S.No	Title of the paper published (with Page no.)	Research Journal (with Vol.no.)	Year	ISSN	Whether peer reviewed ,UGC listed, Impact Factor if any	Digital Link, if any
1.	Microwave assisted synthesis and biological activities of hetero aryl ketone Schiff base and thorium(IV) complexes of 2-aminobenzothiazole. (b802-b814).	<i>International Journal of Novel Research and Development</i> , 8(8)	2023		IF: 8.76, ISSN:2456-4184 http://doi.one/10.1729/Journal.35880	https://www.ijnrd.org/papers/IJNRD2308191
1.	Synthesis, spectroscopic characterization and antibacterial activity of Ti(IV) and Zr(IV) complexes containing salicylidene-thiosemicarbazone (47-55)	<i>Res. J. Chem. Environ.</i> , 81(3)	2014		ISSN:0972-0626	
2.	Preparation and physic-chemical properties of new dimeric $[(\mu\text{-Cl})_2\text{M}_2(\text{sb})_2 \cdot x\text{THF}]$ and monomeric $[\text{M}_2(\text{sb})_2 \cdot x\text{THF}]$ (M = Co ^{II} , Ni ^{II}) complexes containing salicylidene-sulphadiazine ligand (1099-1106)	<i>J. Indian Chem. Soc.</i> , 91	2014		IF: 0.21, ISSN: 2667-2847	

3.	Synthesis, spectroscopic (NMR, ESI-MS & PXRD) characterization and antimicrobial studies of zirconium(IV) complexes containing Schiff bases. (97-109)	<i>Bulletin Pure and Appl. Sci</i> , 32C (2)	2013		ISSN: 2320-320X	
4.	Synthesis, reactions, physicochemical characterisation and biological studies of titanium(IV) Schiff base complexes. (285-294)	<i>J. Indian Chem. Soc.</i> , 90	2013		IF: 0.21, ISSN: 2667-2847	
5.	Triorganotin(IV) derivatives of bidentate Schiff bases: Synthesis and spectral studies. (1038-1045)	<i>Phosphorus, Sulfur, and Silicon and the Related Elements</i> , 187 (9)	2012		ISSN:1563-5325 IF=1.3	https://doi.org/10.1080/10426507.2012.664218
6.	Synthesis and physicochemical characterization of some hexacoordinated tin(IV) Schiff base complexes. (77-83)	<i>Main Group Met. Chem.</i> , 34 , (3-4)	2011		IF=1.8, ISSN: 2191-0219	https://doi.org/10.1515/MGMC.2011.014
7.	Synthesis, reactions and physicochemical characterization of some new mixed ligand complexes of titanium(IV) containing cyclopentadienyl	<i>J. Indian Chem. Soc.</i> , 88	2011		IF: 0.21, ISSN: 2667-2847	

	and Schiff base moieties. (1331-1338)					
8.	Synthesis and characterization by means of IR, ¹ H, ¹³ C, ¹¹⁹ Sn NMR and FAB-MS spectroscopy of some new organotin(IV) complexes. (845-851)	<i>J. Indian Chem. Soc.</i> , 88	2011		IF: 0.21, ISSN: 2667-2847	
9.	Synthesis, characterization and structure elucidation of mixed ligand complexes of (cp) ₂ ZrCl ₂ and ZrCl ₄ . (15-26)	<i>Vijnana Parishad Anusandhan Patrika</i> , 55(3)	2012		ISSN: 0505-5806	
10.	Synthesis and spectroscopic (IR, NMR and FAB-mass) characterization of mixed ligand complexes of titanium(IV).(265-278)	<i>Vijnana Parishad Anusandhan Patrika</i> , 52(4)	2009		ISSN: 0505-5806	

14. Faculty Enrichment Programme Attended:

<i>S.No</i>	<i>Detail of the FDP/FEP</i>	<i>Date(s) of the event</i>	<i>Organizer & Sponsor</i>	<i>International/National/ State/ University</i>
1.	Faculty Induction Programme	25-02-2023 to 27-03-2023	GAD- TLC under PMMMMNMTT scheme	National
2.	FDP on "New Trends in Research Methodology"	11-02-2023 to 17-02-2023	Raghunath Girl's Post Graduate College, Meerut	National
3.	FDP on "MOOCS and E-Content Development"	29-04-2023 to 05-05-2023	GAD- TLC under PMMMMNMTT scheme	National
4.	"Environment Science"	29-08-2023 to 12-09-2023	Ramanujan College, under PMMMMNMIT	National

15. Seminar/ Workshop/ Conference Attended:

<i>S.No</i>	<i>Detail of the Conference/ Seminar</i>	<i>Organizer & Sponsor</i>	<i>Date(s) of the event</i>	<i>Venue of the event</i>	<i>International/National/ State/ University</i>
1.	National Conference on "Induction training for teachers at higher education institution (HEIs): Today's need for enhancing quality of higher education"	Raghunath Girl's Post Graduate College, Meerut	21-12-2022 to 22-12-2022	Raghunath Girl's Post Graduate College, Meerut	National
2.	Enterprise Architecture Adoption For Higher Education Institutions	IQAC & Teachers' Re – Skilling Cell	19 -08-2023	R.G.P.G College Meerut	National

16. Invited lectures/ Resource person/ Paper Presented in Conferences/ Seminar/ Workshops:

<i>S.No</i>	<i>Title of the Invited Lecture/paper presented</i>	<i>Detail of the Conference/ Seminar(including organizer & Sponsor)</i>	<i>Date(s) of the event</i>	<i>Venue of the event</i>	<i>International/ National/ State/ University</i>	<i>Role</i>
1.	Two days Adulteration workshop in Food Science Department	Two days Adulteration workshop	Feb.16-17 (2023)	Raghunath Girl's Post Graduate College, Meerut	National	Resource Person
2.	Microwave assisted synthesis of various Schiff bases containing O, N & S donor atoms with tetravalent complexes	National Conference on “Recent Trends in Materials and Life Sciences”	29-09-2023	M.D. University Rohtak, Haryana, Chemistry Department	National	Presented
3.	Preparation and spectroscopic studies of zirconium(IV) Schiff base complexes by means of IR, NMR, MS and TGA with antibacterial activity	“48th Annual Convention of Chemists 2011	Dec. 3-7 (2011).	Department of Chemistry, University of Allahabad, Allahabad	National	Presented
4.	Synthesis, spectral and thermal studies of some titanium(IV) complexes with tridentate Schiff bases ligand	“Interface of Industry, Biology and Chemistry Research in 21st Century	5 Jan.-7 Feb. (2011)	Department of Chemistry, University of Allahabad, Allahabad	National	Presented
5.	Synthesis,	80 th Annual	Dec. 2-4	Jaipur	National	Presented

	reactivity and spectroscopic characterization of new titanium(IV) complexes containing Schiff bases	Session and Symposium on " <i>Climate Change– Research, Awareness and Capacity Building</i>	(2010)	National University, Jaipur		
6.	Some aspects of microwave microwave assisted synthesis of various Schiff bases containing O, N & S donor atoms alongwith some divalent metals and tetravalent organometallic complexes	<i>“Introduction to Green Chemistry Education : Theory and Practice</i>	Oct. 22-23 (2010)	Department of Chemistry, V.S.S.D. College, Kanpur, UP	National	Presented
7.	Synthesis and spectroscopic studies of titanium(IV) complexes with bidentate Schiff bases ligand derived from salicylaldehyde	<i>“Contemporary Research in Material Science and Chemical Biology”</i>	31 st Jan.-2 nd Feb. (2010)	Department of Chemistry, University of Allahabad, Allahabad	National	Presented
8.	Synthesis and spectroscopic studies (IR, NMR and FAB-mass) of some mixed ligand complexes of titanium(IV) and tin(IV)	<i>“Application of Material Science in Service of the Society- Second Series”</i>	Sep. 12-13 (2009)	Department of Chemistry, C.M.P. Degree College, Allahabad	National	Presented

17. Administrative Experience:-

S.No	Name of the Committee	Role	Whether University or College Level	Year
1.	Student Grievance Redressal Cell	Member	Raghunath Girls post Graduate College, Meerut	2022-till date
2.	Student Welfare Association	Member	Raghunath Girls post Graduate College, Meerut	2023-till date
3.	Vashudha Eco-Club	Member	Raghunath Girls post Graduate College, Meerut	2023-till date

18. Future plans:

- To explore new perspective in research work .
- To write manuscript in the Scopus Journal.