



Faculty Profile



1. Name: **Dr. Neeta kanoongo**
2. Designation: Associate Professor
3. Department: **Chemistry**
- 4.
5. Educational Qualification:

Level	Name of University/Board	Year	Title/ Remark/ Medal
<i>P.G. M.Sc Chemistry</i>	Uni. Of Raj. Jaipur	1985	INORGANIC
<i>Ph.D.</i>	Uni. Of Raj. Jaipur	1989	Synthesis and Characterization Schiff Base complexes derived from later transition metal

6. Experience: Teaching / Research

UG	22	PG	22	Research	22
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7. Membership (Academic Bodies/ Research societies):

8. M.O.O.C (Developed by Faculty):

9. Awards Received:

10. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course			
Refresher	1. MDSU Ajmer	UGC 2.	12-3-2001 to 1-4-2001
	3. MDSU Ajmer	UGC	9-3-2004 to 29-3-2004
	4. MDSU Ajmer	UGC	5-10-2005 to 25-10-2005

Signature



Others (Workshop/ Summer School/ Camp etc.)			
Online F.D.P (Faculty Development Programme)			

11. Seminar/ Conference :

Name of Symposium/ Seminar/Conference	Internat./ National/ Regional		Title of Paper presented	Year
(14) International Conference on Organometallic Chemistry	Internat ional (U.S.A.)		Structural Feature and biological studies of Dioxomolybdenum (VI) complexes of Thiosemicarbazones.	19-24 Aug.(1 990).
The Gums and Stabilizers for the food industry Conferences.	Internat ional (U.K.)		Computer optimisation of parameters for the preparation of low viscosity guar gum by controlled thermal and acid hydrolysis	1 9july 1993
Recent Advances in Analytical Chemistry. Jodhpur.	Nationa l		Solvent Extraction of Zn (II) and Cd (II) complexes of N-(4- Methyl Phenyl) -1- hydroxy -2-Napthaidimine . Using Amyl Acetate	2004
National Symposium of New Vistas Inorganic Synthesis. Jaipur.	Nationa l		Synthesis in Characterization of Manganese (II) complexes of Schiff Bases derived from Amino Acids and 2- hydroxy-1- naphthaldehyde	20 Nov. 2005
Recent advances Chemical Research, Jaipur	Nationa l		Synthesis and Characterization of Mn(III) Schiff bases derived from Amino acids and 2- hydroxy-1-Naphthaldehyde	28 march 2005
International Conference and Expo on Botanical Products,	Internat ional		Extraction and Purification of in selected medicinal plants of Rajasthan	25-27 March 2006

Signature



Jaipur				
Seminar on Environmental Pollution- a scientific approach , Jaipur	National		Solvent extraction of La from Industrial waste with Ethylenediamine-N,N' ditetradecyl NN' diaacetic acid in amyl acetate.	Dec. 2006
National conference on Green Chemistry Gujrat University, Surat.	National		Microwave synthesis, Structural and antimicrobial studies of Transition metal complexes of hydrazones derive Cinnamaldehyde.	6-8 Feb. 2009
Symposium on Medicinal Chemistry and Pharmaceutical Sciences	National		Syntheses Spectral and Biological studies of Schiff base metal complexes derived from Vanillin WihAmoxycellin Trihydrate with Co II, Zn II, Mn II Cu II.	24-26 March 2009
Recent Developments in Metallo Organic Chemistry, Ghaziabad	National		Synthesis an physicochemical studies of Mo (VI) Schiff base complex	28 Feb. 1 March 2009
National Seminar on Analytical Electrochemistry, Jodhpur	National		Synthesis Spectral studies and Biological studies of schiff base from Pchlorobenzaldehyde and Sulphamethoxazole with transition metal complexes.	2010
National Seminar on Environmental challenges, Bhilwara	National		Microwave Synthesis and Spectral Characterization of Macrocyclic Schiff bases from 4,4 di amino di phenyl methane and acetyl acetone with oxoVanadium (V) complex	2 april. 2010
Management & Accountability in Higher Education, GCA Ajmer	National			8-9 Jan 2011
Multibrand FDI in	National			1-2 March



S.P.C.G.C., Ajmer

organised Retail in India , GCA Ajmer.				.2012
Workshop on Research Methodology and Design , GCA Ajmer.	National			24 March 2013
Human Resource Development in South Asia Issues Achievements & Challenges , Gca Ajmer	International	Attended		19-21 Dec. 2013
Seminar on Technical Terminology in Science GCA Ajmer.	National	Attended		12-14 Aug. 2014
43 RGA National Conference Urban Growth Environmental Challenges and Responsibilities with Special reference to Rajasthan at S.P.C. Govt. College ,Ajmer.	National	Attended		26-28 Oct.2015
Green Chemistry & Sustainable Technology for Society	National	Attended as chair person		11-12 Jan.2016
I.G.N.O.U.Jaipur	National	Attended		25-2-2018
National seminar on e-Learning and MOOCs in higher Education	National	Attended		16-3-2019
Gandhi The eternal truth relevance for future generations	International	Attended		18,19-9-2019

12. Organizing Sec./Convener of conference/seminar/webinar :

Conference/Seminar Title	Year

Signature



13. Resource Person:

In training Programme	
In conferences/Seminars (Chair/Co-Chair/of Session)	

14. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
1. Trichlorooxovanadium (v) Derivatives of Thio-Schiff bases	Transition Met. Chem	12,271(1987)			
2. Synthesis and structural studies of Oxovanadium (v) complexes of Semicarbazones.	Synth. React. Inorg, Met.Org. Chem.	17,837(1987)			
3. Coordination behaviour of Thiosemicarbazones towards Manganese (ii) ion.	Journal. Prakt. Chemie.	3,479(1988)			
4. Synthesis and Characterization of Dioxomolybdenum complexes of Semicarbazones.	Transition Met. Chem	13,343(1988)			
5. Dioxomolybdenum (VI) complexes of Dibasic Tridentate Schiff Bases having the HO-N-OH donor system.	Transition Met. Chem	14,221(1989)			
6. Synthetic and structural aspects of hepta coordinated Semicarbazato complexes of oxotungsten (VI)	Transition Met. Chem	2,2064(1989)			
7. Structural Feature and	The Chemical	62 (1989)			

Signature



biological studies of Dioxomolybdenum (VI) complexes of Thiosemicarbazones.	Society of Japan				
8. Studies on Benzothiazoline complexes of Manganese (II)	Synth. React. Inorg, Met.Org. Chem	19(2),113(1989)			
9. Reaction of Manganese Chloride with Semicarbazones derived from Hetrocyclic aldehydes.	Journal. Prakt. Chemie.	2,342(1989)			
10. Coordination behaviour of Thiosemicarbazones towards Tungsten (VI)ion	Journal. Prakt. Chemie.	5,332(1990)			
11. Dichloro & Monochloro Oxovanadium (V) complexes of Benzothiazolines .	Indian Journal of Chemistry.	29A,560(1990)			
12. Use of phase Transfer Catalysts to aid initiation in suspension vinyl polymerization	Polymer.	33(1992)			
13. Synthetic and structural aspects of Dioxomolybdenum complexes of Thiosemicarbazones and Semicarbazones.	Transition Met. Chem	17,322(1992)			
14. Structural Features of molybdenum dioxide complexes of Thiosemicarbazones.	Asian Journal of Chem.	5,932(1993)			
15. Resolution of aminoacidrecemates on borate gelled guaranimpregnated-silicagel-thinlayer	Journal of Chromatography.	685A,360(1994)			



chromatographic plates.					
16. Application of phase Transfer Catalysts in Polymeric Functional Group transformation of Merrifield Resin.	Journal. Polym.Mater.	9,81(1992)			
17. Chiral recognition properties of galactomannans.	Carbohydr.Str. Synth Appl	110(1992)			
18. Chromatographic application of Guaran Beads.	Carbohydrate	18-20(1992)			
19. Synthesis and application of Chelating Resin of Polysaccharides containing Hydroxamic Acid.	Asian Journal of Chem.	5(1)(1993)			
20. Bead form of Guaran Gel for Chromatographic Column Packing	Reactive Polymers	21,141(1993)			
21. Synthesis and structural studies on Palladium (II) complexes derived from Allyl Amines and Vinyl Aniline.	Indian Journal Chemie Science	4(3) 671 2006			
22. Potentiometric and Thermodynamic studies of p-Nitrobenzaldehyde and o-Aminophenol and its complexes.	Oriental J. Chemistry,	24,1,303,2008			
23. Coordination behaviour and Biological activity of unsymmetrical bishydrazone towards Manganese(II)ion	Int. J. Chemical Sciences,	6(2),1050,2008			



24. Studies of Drinking Water quality of Mount Abu Region, Rajasthan, India.	Poll.Res.	28(4) 619,(2009)			
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15. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
The Synthesis & Antimicrobial Activity of Platinum Compound	2004	U.G.C.	75000/-	Completed
Synthesis of Schiff base Metal complexes and their application in extraction of trace elements analysis in polluted water	2008	U.G.C.	65000/-	Completed

16. Research Supervision:

- **Basic Field of specialization:**

❖ **Ph.D.**

Name of Student	Title of thesis	Present status	Date and Year of Award, if so

❖ **M. Phil.**

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
Anjali Mathur	Synthesis and Physicochemical studies of Mo(IV) Schiff base complexes	Completed	2007
Asmita Arora	Synthesis and Physicochemical studies of Cu(II) Schiff base complexes	Completed	2008
Anushruti Gautam	Synthesis & Physicochemical and Antibacterial studies of Schiff base and its Oxovanadium (IV) complexes	Completed	2009



17. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

• **Book (Single Author)**

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication

• **Chapter(s) in Book (Edited / multi-author)**

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication

13 Sports Activities:

14 Extra Curricular Activities:

15. Any Other Relevant Information/Contributions

Signature