



Sw.P.N.K.S. GOVT. P.G. COLLEGE, DAUSA(RAJ.)

FACULTY PROFILE



Name : Dr.Nikita Sharma
Designation : Associate Professor
Department : Chemistry
Date of Birth : 21st March 1974
Date of Joining in College Education : 1st October 2002
Date of Joining in Present College : 8th March 2019
Educational Qualification :-

Level	Name of University	Year	Title/Remarks/Medal
P.G.	University of Rajasthan, Jaipur	1998	First Division
M.Phil.	-	-	-
Ph.D.	Department of Chemistry University of Rajasthan, Jaipur	2002	
NET(CSIR)	UGC(New Delhi)	2001	
PDF	UGC(New Delhi)	2014	

Experience : Teaching/ Research

UG	20 years	PG	15years	Research	23 years
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Membership (Academic Bodies)

1. Life time membership of Indian Chemical Society
2. Life time membership of Chemical Research Society of India
3. Life time membership of Rajasthan Science Congress Association

Awards Received: Post-Doctoral Research Award(UGC , New Delhi)

Academic Courses Attended (Orientation/Refresher Courses):-

Course	Place	Sponsoring Agency	Duration
Orientation Course	Jaipur	ASC,University of Rajasthan, Jaipur	28 days(12/07/04 to 07/08/04)
Refresher Course	Jaipur	ASC,University of Rajasthan, Jaipur	21 days(18/02/08 to 08/03/08)
Refresher Course	Jaipur	ASC,University of Rajasthan, Jaipur	21 days(11/08/08 to 30/08/08)
Refresher Course	Jaipur	ASC,University of Rajasthan, Jaipur	21 days(10/08/09 to 29/08/09)

Organizing Sec./Convener of Conference/Seminar/Webinar:-

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Research Publications:-

Title of Paper	Name of Journal	Volume and No. with Year	Citation Index	Impact Factor	Google Index
Synthesis and Characterization of some spirochelates of Boron(III):Some mixed ligand five and six memberd heterocycles of Boron (III) containing beta-diketonate and glycolate groups	International Journal Main Group Metal Chemistry	Page no.373- 378 Year 2001		1.068	

<p>Synthesis and Structural Elucidation of some Novel Heterocyclic Compounds containing Aluminum (III) Atoms at Bridge-Head-Positions. 1.Reaction of bis (acetylacetonato) Aluminum (III) di(μ-isopropoxo) di(isopropoxo) Aluminum (III) with simple and internally functionallized oximes.</p>	<p>International Journal</p> <p>Main Group Metal Chemistry</p>	<p>Page no.781-787</p> <p>Year 2001</p>		<p>1.068</p>	
<p>Molecular structure of bis (N-phenylsalicylideneiminato) aluminium (III) di(μ - isopropoxo) di(isopropoxo) aluminum (III) and its reaction with alkoxy alkanols</p>	<p>International Journal</p> <p>J. Chem. Soc., Dalton Trans</p>	<p>Page no.1631 - 1634</p> <p>Year 2002</p>		<p>4.390</p>	
<p>Reaction of bis (N-phenylsalicylideneiminato) aluminium (III) di(μ - isopropoxo) di(isopropoxo) aluminum (III) with glycols</p>	<p>International Journal</p> <p>J.Chem. Research</p>	<p>Page no.622-625</p> <p>Year 2003</p>		<p>0.659</p>	
<p>Reaction of bis (N-phenylsalicylideneiminato) aluminium (III) di(μ - isopropoxo) di(isopropoxo) aluminum (III) with simple and internally functionallized oximes. Molecular structure</p>	<p>International Journal</p> <p>Polyhedron</p>	<p>Page no.2943 - 2952</p> <p>Year 2003</p>		<p>3.052</p>	

of the penta-coordinated complex (2-acetylthiophenylloximato) bis (N-phenylsalicylideneimino) aluminium (III)					
Synthesis and characterization of some dimethylsilicon (IV) complex with internally functionalized oximes : Crystal and Molecular Structure of $[\text{Me}_2\text{Si}\{\text{ON}=\text{C}(\text{H})\text{C}_4\text{H}_3\text{O}-2\}_2]$ Formation of mesoporous materials by the hydrolytic study of $[\text{Me}_2\text{Si}\{\text{ON}=\text{C}(\text{CH}_3)\text{C}_4\text{H}_3\text{O}-2\}_2]$ in the presence of $\text{Al}(\text{OPr}^i)_3$	International Journal Polyhedron	Page no.316 8- 3174 Year 2007		3.052	
Synthesis and structural characterization of some binuclear acetylacetonate and Schiff's base complexes containing aluminium(III) atoms in different coordination states	International Journal Main Group Metal Chemistry	Page no.109-115 Year 2013		1.068	
Non-aqueous synthesis of nano-sized aluminium(III)isopropoxide derivatives with 8-hydroxyquinoline and sol-gel transformation these to	International Journal J.Sol-Gel Technol	Page no.245-253 Year		2.326	

pure nano-sized δ -Alumina		2013			
Syntheses and characterization of a new class of vanadia precursors of oxime-modified oxovanadium(V) isopropoxide, Crystal and molecular structure of $[\text{VO}\{\text{ONC}_{10}\text{H}_{16}\}_3]$	International Journal J.Sol-Gel Technol	Page no.472-464 Year 2014		2.326	
Synthesis and characterization of some binuclear complexes of bis(acetylacetonato)aluminium di(μ -isopropoxo)di(isopropoxo) aluminium(III) with dialkyldithiophosphoric acid	National Journal J.Indian.chem. soc	Page no.1467-1472 Year 2014		0.284	
Essential Oils: Its medicinal and pharmacological Uses 6(12)	International Journal Research Directions	Page no.34-43 Year 2015		5.7	
Impact of essential oils in human health and wellness 7(3)	International Journal Research Directions	Page no.100-106 Year 2016		5.7	
A study of essential oils and	International Journal	Page no.64-		5.7	

their therapeutic properties 7(7)	Research Directions	71 Year 2017			
A study of essential oil and their application 8(4)	International Journal Research Directions	Page no.37- 46 Year 2017		5.7	
Controlled sol-gel hydrolysis for synthesis and characterization of X-Al ₂ O ₃ nano-powder using new class of precursors of bis (N- phenylsalicylideneiminato) aluminium (III) di(μ - isopropoxo) di(isopropoxo) aluminum (III) modified by mono-carboxylic acids	International Journal J.Nanomateria ls & Molecular nanotechnolog y	7:1 Year 2018		3.761	
Synthesis and Characterization of polymeric [K{Al(OPr ⁱ) ₄ }THF] _n	International Journal Main Group Metal Chemistry	Page no.1-4 Year 2018		1.068	
Sol-gel synthesis of Ga ₂ O ₃ nanoroads and effect of precursor chemistry on their structural and morphological properties	International Journal Ceramic International	Page no.190 99- 19105 Year 2018		3.83	

Structural studies of some complexes of cobalt (II), nickel (II) and copper(II) metals with Schiff base containing hydroxamic acids	National Journal Journal of Maharaja Sayajirao University of Baroda	Volume 55,Page no.28-34 Year 2021			
Essential oil and metal complex : An overview	National Journal The Journal of oriental research Madras	Page no.24-39 Year 2021			
Effect of essential oils in plant product XXV, No.3(I)	Journal of Education Rabindra Bharti University	Page no.101-107 Year 2022		5.8	

Research Projects :

Title of the Project	Year	Name of funding agency	Fund Available/Utilized	Present Status

Research Supervision:

Ph.D.

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

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 in Book (Edited/Multi-Author)**

Title of Chapter	Authors/ Editors	Name of the Book with ISBN/ISSN No.	Publisher with Place	Year of Publication
Corona ka maanseek swaasth per prabhaav	Dr.Nikita Sharma Dr.Priyanka Sharma	Corona kaal & manav jivan ISBN 978-81-953150-3-1	Raj Publishing House Jaipur	2021