



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

FACULTY PROFILE



**Name** : Dr. Rita Gupta  
**Designation** : Associate Professor  
**Department** : Chemistry  
**Date of Birth** : 16.09.1966  
**Date of Joining in College Education** : 08.02.1992  
**Date of Joining in Present College** : 07.07.2003  
**Educational Qualification** : Ph.D.

Level	Name of University	Year	Title/Remarks/Medal
P.G.	Department of Chemistry ,University of Rajasthan Jaipur	1987	First Division
M.Phil.	-	-	-
Ph.D.	Department of Chemistry,University of Rajasthan ,Jaipur	1992	Organometallics

**Experience : Teaching/ Research**

<b>UG</b>	29 Years	<b>PG</b>	12 Years	<b>Research</b>	02 Years
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**Membership (Academic Bodies):**

1. Chemical Research Society Of India (*LM1590*)
2. The Indian Science Congress Association(*L18958*)

**Awards Received:**

1. Rajasthan Hindi Granth Academy 14 .09.2019

**Academic Courses Attended (Orientation/Refresher Courses):-**

<b>Course</b>	<b>Place</b>	<b>Sponsoring Agency</b>	<b>Duration</b>
Orientation	Jaipur	U.G.C.	10.7.1995-5.8.1995
Refresher	Jaipur	U.G.C.	8.3.1999-27.3.1999
Refresher	Jaipur	U.G.C	16.9.2004-5.10.2004
Refresher	Ajmer	U.G.C.	16.9.2006-6.10.2006
Low-Cost Instrumentation (Refresher)	Jaipur	University Of Delhi	Dec 1994

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

<b>N.A.</b>	

**Research Publications :-**

<b>Title of Paper</b>	<b>Name of Journal</b>	<b>Volume and No. with Year</b>	<b>Citation Index</b>	<b>Impact Factor</b>	<b>Google Index</b>
Health issue related to nitrogen pollution in water and Indian agriculture environment and health	Current Science	94,11,2008		.756	
Synthesis and characterization of some mixed(isopropyl xanthate)(ketoaminato) phenyl arsenic (III) and(isopropyl xanthate)(thiosemicarbazonato) phenyl arsenic (III) derivatives	Main group metal chemistry	33,4-5,2010		.614	
Urbanization and air environment in Jaipur	Environment and urbanization ASIA	3,(2),353,2012		3.015	
Coordination chemistry of trivalent and penta valent organoarsenic heterocyclic dithiocarbamates derivatives:synthesis and characterization	Journal of coordination chemistry, Taylor&Francis	67,8,1478-1490,2014		.665	
Synthesis and pharmacological activity of diorganoantimony(III) and triorganoantimony(V) derivatives of Schiff bases derived from amino acids	Journal of Saudi chemical society, Elswar	21,67,2017		3.517	
Phytochemical investigation for therapeutic potential of some medicinal plants: A novel interrogative approach	Interantional journal of recent scientific research	4,XX,2013		3.65	

Phenylarsenic(III)derivatives of Schiff bases: synthesis and characterization	Internation journal of recent trends in science and technology	9,(3),315,2014		1.38	
Effect ofurbanization on water resources in Jaipur	International ,research journal of humanities engineering&pharmaceutical science	1(7),04,2014		6.87	
Synthesis and spectral studies of organoarsenic (III) complexes of Schiff base	Journal of applicable chemistry	4,(1),2015		1.074	
An overview on literature on corona virus	Ayurved sutra	7,5,2020		2.34	
Synthesis,spectroscopic studies and antispermatogenic activity of tri and penta valent organoantimonyderivatives of Schiff base	Asian journal of organic and medicinal chemistry	5,2,2020		.789	

### Research Projects :

Title of the Project	Year	Name of funding agency	Fund Available/Utilized	Present Status
Investigations on heterometal dinuclear compounds of As, Sb and Bi based on organic ligands	2012-2014 P.D.F.	U.G.C	Three lack	completed

**Research Supervision:****Ph.D.**

<b>Name of Student</b>	<b>Title of thesis</b>	<b>Present Status</b>	<b>University</b>	<b>Date and Year of Award, if so</b>
nil				

**Monograph/Book/Chapter (in Edited Book)/Chapters in study material of Open Universities.**

- **Book (Single Author)**

<b>Title of Book</b>	<b>ISBN/ISSN No.</b>	<b>Publisher with place</b>	<b>Year of Publication</b>
nil			

- **Chapter in Book (Edited/Multi-Author)**

<b>Title of Chapter</b>	<b>Authors/ Editors</b>	<b>Name of the Book with ISBN/ISSN No.</b>	<b>Publisher with Place</b>	<b>Year of Publication</b>
Solution and colligative properties	Rita Gupta	B.Sc. PtIII physical chemistry, verdhman Mahaveer open university13/978-81-8496-199-7	Jaipur	Jan Feb 2010
Book	Sunil gupta&Ritagupta	Florosiskarannidan and upchar978-93-5131-	Rajasthan hindigranthacademy,Jaipur	2016

		251-2		
Understanding urbanization vs sustainable development	Rita Gupta, Nidhi Gupta, Neelam Gupta	Everyman science	Indian science congress	XLIX, 6, 2015 (Feb 15 - March 15)
Pathophysiology of Nitrate toxicity in Human in view of the changing trends of the global nitrogen cycle with special reference to India	Sunil Gupta, A.B. Gupta, Rita Gupta	The Indian nitrogen assessment publisher Cathleen Sether Elsevier.	Cathleen Sether Acquisitions Editor	459-466, 2017