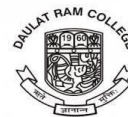




Faculty Detail Proforma



Name	Dr. Ritu Gupta	
Designation	ASSISTANT PROFESSOR	
Department	Department of Chemistry Daulat Ram College, University of Delhi Residence Address: B-2/21 First Floor VasantVihar new Delhi	
Email	driritugupta16@gmail.com	
	vajat16@gmail.com	

Educational Qualification

Degree	Institution	Year
Ph.D.	University of Delhi	2001
M.Sc Chemistry	Hindu College, University of Delhi	1996-97
B.Sc Chemistry	Hindu College, University of Delhi	1994-95

Full Time Research Experience

Designation	Institute	Time period	Nature of Appointment
1. Supervised a group of ten undergraduate students	Delhi university (innovation project DR-305)	2015-16	Temporary
2. Supervised a group of ten undergraduate students	innovation project DR-303)	2015-16	Temporary

Full time Teaching Experience

S.No	Designation	Institution	Time Period	Nature of Appointment
2	Assistant professor	Department of Chemistry, University of Delhi	August 2002 to April 2004	Ad -hoc
3	Assistant professor	Hans Raj college Delhi university	August 2004 to August 2005	Ad -hoc

4	Assistant professor	Daulat Ram College, University of Delhi	July, 2005 to till date	permanent
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Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
Daulat Ram College	Deputy Superintendent for Chemistry Practical		2010-2011.	1 year
Daulat Ram College	Teacher In charge of Chemistry Deptt		2012-13.	1 year
Daulat Ram College	Junior teacher representative member of Governing Body		2011-12	1 year
Daulat Ram College	Co-Ordinator of Foundation Course / Applied Course (FYUP)		Dec 2013	1 semester
Daulat Ram College	Co.ordinator for environmental science course		May 2019 & December 2019	1 year
Daulat Ram College	Teacher In charge of Chemistry Deptt		2019-20	1 year
Daulat Ram College	Teacher In charge of Chemistry Deptt		2020-21	1 year

Areas of Interest in Teaching:

Physical Chemistry

Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1	BSc(Hons)Chemistry	Physical chemistry	III,IV	2017-18
2	BSc(Hons)Chemistry	Physical chemistry	III,IV	2018-19
3	BSc(Hons)Chemistry	Physical chemistry	III,IV	2019-20
4	BSc(Hons)Chemistry	Physical chemistry	III,IV	2020-21

Research Guidance(NA)

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor /Co-supervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree

Research Projects ongoing 2018-20(NA)

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start date and end date)	Amount Sanctioned	Amount Received

Research projects Completed 2018-20(NA)

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start date to end date)	Amount Sanctioned	Amount Received

Publications:

Books

S.No	Book Details (Authors, Book title, Year)	Publisher	Date of publishing (DDMMYY)	Authored/Edited	ISBN No

1	Instrumental analysis for undergraduates, Ritu Garg	shree kala prakashan	2007	Author	81-86038-17-5
2	Introduction to basic laboratory techniques. Ritu Garg & Meenam Bhatia	shree kala prakashan	2009	Author	81-86038-09-4
3	Science and Life Dr. Ritu Gupta & Dr. Darshan Singh	Shivalik publication	2013	Author	978-93-83838-76-9
4	Elements of environmental studies Ritu Gupta Darshan Singh, Geetanjali, Mamta bai	Jeevan sons publication	2018	Author	938637620-2

Book Chapters/Articles(NA)

S.No	Details (Authors, Book title, Article title, Year, page range of article)	Publisher	Date of Publication (DDMMYY)	Authored/Edited	ISBN No

E- Modules(NA)

S.No	Details (Authors, Title, Year, URL)	Publisher	Date of Publication (DDMMYY)	Authored/Edited	Link

Research Publications:

International

S.No	Publication details (Authors, Title of article, Journal, Volume, Issue, Year, Page range of article, URL/DOI)	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1	Antibacterial properties of silver nanoparticles synthesized from Litchi Chinensis fruit peel extract , Darshan Singh and <u>Ritugupta</u> , <i>International journal of biotechnology and biomedical science (IJBBS)</i> , volume 1, pp 6-8	January-june 2016,		NO	NO	eISSN: 2454-7808, pISSN: 2454-4582
2	Fluoride ion in ground water of Delhi: a review on the status and solution to the problem , <u>Ritugupta</u> , Dars han Singh, Saritasingh, <i>Journal of Basic and Applied Engineering Research (JBAER)</i> , vol.3 (issue 1) p.p. 48-50	Jan 2016		NO	NO	eISSN: 2350-0255 pISSN: 2350-0077
3	An economical and ecofriendly regioselective bromination of acetanilides using potassium bromide and ceric ammonium nitrate in polyethylene glycol <u>Ritu Gupta</u> ; Lata Heterocyclic Letters (2012), 2(3), 297-300.					Issn/eissn: 2231-3087 / 2230-9632
4	Theoretical studies on the mechanism of radioprotection by Hoechst 33258 derivatives Kakkar, Rita; <u>Garg, Ritu</u> ; Suruchi; <i>Journal of Molecular Structure:</i>	2004	2.011	Yes	Yes	ISSN: 0166-1280

	<i>THEOCHEM</i> (2004), 668(2-3), 243-248					
5	Theoretical study of the effect of radiation on thymine Kakkar, Rita; Garg, Ritu , <i>Journal of Molecular Structure: THEOCHEM</i> (2003),	2003	2.011	Yes	Yes	ISSN: 0166-1280
6	C3H4: density functional (DFT) study of structures and stabilities of isomers Kakkar, Rita; Garg, Ritu ; Chadha, Preeti <i>Journal of Molecular Structure: THEOCHEM</i> (2002), 617, 141-147	2002	2.011	Yes	Yes	ISSN: 0166-1280
7	Structures of some Hoechst analogues in gas phase and in aqueous solution Kakkar, Rita; Garg, Ritu , <i>Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry</i> (2002), 41B(9), 1929-1936	2002	0.388	Yes	Yes	ISSN: 0975-0983
8	Towards understanding the molecular recognition process in Hoechst-DNA complexes Kakkar, Rita; Garg, Ritu ; Suruchi, <i>Journal of Molecular Structure: THEOCHEM</i> (2002), 584, 37-44.	2002	0.388	Yes	Yes	ISSN: 0166-1280
9	Theoretical study of tautomeric structures and fluorescence spectra of Hoechst 33258 Kakkar,	2002	2.011	Yes	Yes	ISSN: 0166-1280

	Rita; Garg, Ritu; Suruchi, <i>Journal of Molecular Structure:</i> <i>THEOCHEM</i> (2002), 579, 109-113					
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National

S.No	Publication details (Authors, Title of article, Journal, Volume, Issue, Year, Page range of article, URL/DOI)	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1	C3H4: Kinetics of interconversion of isomers By Kakkar, Rita; Padhi, Bhabani S.; Garg, Ritu , <i>Indian Journal of Chemistry</i> , Section B: Organic Chemistry Including Medicinal Chemistry (2003), 42B(5), 1123- 1131.	2003	0.388	Yes	Yes	ISSN: 0975- 0983

Conference Proceedings publication (NA)

S.No	Details (Authors, Book title, Article title, Year, page range of article)	Date of Publication (DDMMYY)	Name of conference	Venue of conference	ISBN No

Conference Attended and Paper presentation

S.No	Type of Event	Name of Event	Venue of conference	Date of conference(Start date – End Date)	Attended	paper presented	No of papers presented

1	SDP	Inhouse skill development program on enhancing learning through ICT tools.	online ,chemistry department ,Daulat Ram College,DU	17th -19th December 2020	organized	No	Nil
2	conference	National webinar	Department of chemistry ,Mirsanda house,DU	24th-25th September	Yes	No	Nil
3	SDP	Inhouse skill development program on enhancing learning through ICT tools.	online ,chemistry department ,Daulat Ram College,DU	17th -19th August 2020	organized	No	Nil
4	FDP	e-Faculty development programme	online ,Daulat Ram College,DU	21st -23rd July 2020	Yes	No	Nil
5	Webinar	Art & Science of mentoring	online ,Daulat Ram College,DU	1st June 2020	Yes	No	Nil
6	Symposium	IUPAC Symposium	Miranda House,DU	12 th Feb 2020	Yes	No	Nil
7	workshop	Workshop	Inter university Accelerator center (IUAC) new Delhi	21 st -22 nd Jan 2020	Yes	No	Nil
8	Workshop for science teachers	RBPT workshop for science teachers	Daulat Ram College	25 th -27 th March 2019	Yes	No	Nil
9	Conference	Seminar	Ramjas College ,DU	13 th -14 th Feb 2019	yes	No	Nil
10	FDP	FDP e-learning ,pedagogy and ICT tools in higher education	Guru Angad Dev Teaching Learning Center of MHRD,SGTB Khalsa College,DU	26 th Nov-7 th Dec	Yes	No	Nil
11	Conference	Conference	Hansraj College,DU	2 nd July 2018	Yes	Yes(Poster)	One

						presen tation)	
12	Conference	Conference	Daulat Ram College	20 th March 2018	Yes	Yes	One

Resource Person (Conference/seminar/ workshop/training programme/ educational trips)

S.No	Type of Event	Name of Event	Venue	Date of Event (Start Date- End Date)	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of participant in the programme
1	SDP	Inhouse SDP	Daulat Ram College	24 th Dec 2018	Speaker	One day	20

Awards Won(NA)

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award (DDMMYY)	Type of Honor received

Extension Activity(Community related program)(NA)

S.No	Type of Activity	Centre and Venue	Title of Event	Role in the event	Date/period of Event (DDMMYY)	No of members of the community/students /Faculty benefitted

Membership of Professional Bodies(NA)

S.No	Type of Membership	Organisation	Year of Membership(Start Date)

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