




University of Delhi

**Faculty Detail Proforma (2017 -2022)**



**DR. GAURI AHUJA**

<b>Name</b>	Dr. Gauri Ahuja	
<b>Designation</b>	Assistant Professor	
<b>Department</b>	Chemistry	
<b>Email</b>	gauriahuja@dr.du.ac.in	

**Educational Qualification**

<b>Degree</b>	<b>Institution</b>	<b>Year</b>
<b>Ph.D</b>	Department of Chemistry, University of Delhi, Delhi- 110007, India.	<b>2011</b>
<b>M.Phil</b>	Department of Chemistry, University of Delhi, Delhi- 110007, India.	<b>2007</b>
<b>M.Sc</b>	Department of Chemistry, University of Delhi, Delhi- 110007, India.	<b>2006</b>
<b>B.Sc</b>	Ramjas College, University of Delhi, Delhi- 110007, India.	<b>2004</b>

**Full time teaching Experience**

<b>S.No</b>	<b>Designation</b>	<b>Institution</b>	<b>Time Period</b>	<b>Nature of Appointment</b>
<b>1.</b>	Assistant Professor	Daulat Ram College , DU	8 <sup>th</sup> Jan 2019 to present.	Adhoc
<b>2.</b>	Assistant Professor	Daulat Ram College , DU	21 <sup>st</sup> August 2018 to 30 <sup>th</sup> November 2018.	Guest
<b>3.</b>	Assistant Professor	Daulat Ram College , DU	3 <sup>rd</sup> October 2016 to 21 <sup>st</sup> August 2018	Adhoc
<b>4.</b>	Assistant Professor	Dyal Singh College , DU	6 <sup>th</sup> Jan 2015 to 3 <sup>rd</sup> October 2016.	Adhoc
<b>5.</b>	Assistant Professor	Hans Raj College , DU	23 <sup>rd</sup> July 2013 to 7 <sup>th</sup> Dec 2014.	Adhoc
<b>6.</b>	Assistant Professor	Sri Venkateswara College , DU	16 <sup>th</sup> Sept 2011 to 22 <sup>nd</sup> May 2013	Adhoc
<b>7.</b>	Assistant Professor	Daulat Ram College , DU	8 <sup>th</sup> August 2011 to 15 <sup>th</sup> Sept 2011.	Guest
<b>8.</b>	Assistant Professor	Hans Raj College , DU	20 <sup>th</sup> August 2011 to 15 <sup>th</sup> Sept 2011.	Guest

## Administrative Assignments

Name of the Institute	Designation	Status	Time period	Experience
Daulat Ram College , DU	Assistant Professor	Adhoc	2020-21	Sports Board Member
Daulat Ram College ,DU	Assistant Professor	Adhoc	July 2019	Caretaker , NCC
Daulat Ram College ,DU	Assistant Professor	Adhoc	2019-20	Sports Board Member
Daulat Ram College ,DU	Assistant Professor	Adhoc	2020-2022	Member of website committee
Daulat Ram College , DU	Assistant Professor	Adhoc	2022 - 23	Member of Admission committee
Daulat Ram College , DU	Assistant Professor	Adhoc	2022 - 23	Department representative for NIRF
Daulat Ram College , DU	Assistant Professor	Adhoc	2022-23	Department representative for India Today Ranking

## Areas of interest in teaching:

Inorganic Chemistry, Bio-Inorganic chemistry, Chemistry of s, p, d and f block elements, Analytical chemistry and Coordination chemistry.

## Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1.	B.Sc. (H) chemistry	Chemistry	ALL	2016 to present
2.	B.Sc. (P) Life sciences	Chemistry	I, IV, V	2016 to present
3.	B.Sc. (H) Physics , Biochemistry , Botany and zoology	Chemistry	I, III	2016 to present
4.	B.Com (P),B.A. (H) History	EVS	I	2016 to present
5.	B.Sc (H) Biochem and maths	EVS	I	2016 to present

## Research Publications:

S.No	Publication details	Date of Publication	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1.	<b>Oxidation of olefins catalyzed by Iron (III) complexes of bis -benzimidazolyl diamide ligands”</b> Gauri Ahuja, Ravinder Kumar, Pavan Mathur, Journal of Molecular Structure 1011 (2012) 166–171. <a href="https://doi.org/10.1016/j.molstruc.2011.12.047">https://doi.org/10.1016/j.molstruc.2011.12.047</a>	March 2012	2.463	Yes	Yes	0022-2860
2.	<b>Bis-benzimidazolyl diamide copper (II) complexes: Synthesis, crystal structure and oxidation of substituted amino phenols ”</b> Gauri Ahuja, Pavan Mathur Inorganic Chemistry Communications 17 (2012)	March 2012	1.943	Yes	Yes	1387-7003

	42–48 <a href="https://doi.org/10.1016/j.inoche.2011.12.011">https://doi.org/10.1016/j.inoche.2011.12.011</a>					
3.	<b>Fe (III) complexes of a bis-benzimidazolyl diamide ligand: Spectral and Catalytic studies”</b> Gauri Ahuja, Pavan Mathur ,Spectrochimica Acta Part A 83 (2011) 180– 186. <a href="https://doi.org/10.1016/j.saa.2011.08.014">https://doi.org/10.1016/j.saa.2011.08.014</a>	Dec 2011	3.232	Yes	Yes	1386-1425
4.	<b>A new one pot and solvent –free synthesis of nickel porphyrin complex”;</b> Rakesh Kumar Sharma, Gauri Ahuja, Indu Tucker Sidhwani, Green Chemistry Letters and Reviews, Vol 2, No.2, 2009, 101-105. <a href="https://doi.org/10.1080/17518250903117463">https://doi.org/10.1080/17518250903117463</a>	18 <sup>th</sup> sep 2009	3.286	Yes	Yes	1751-8253
5.	<b>Copper(II) complex of N,N’-bis-(benzimidazol-2-yl-methyl)-hexane-1,6-dicarboxamide ligand: Synthesis, structure and catalytic oxidation of amines in ionic liquid;</b> Gauri Ahuja* and Kuldeep Mahiya, Transition metal chemistry	10 <sup>th</sup> Nov 2023	2.2	YES	YES	DOI:10.1007/s11243-023-00566-3

### 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.	Conference	Indo US Colloquium on Recent Developments in Interdisciplinary Research Organized by IQAC	Department of Chemistry, Hans Raj College, University Of Delhi in Association with Loyala University Stritch School Of Medicine, USA	2 <sup>nd</sup> July 2018	YES	Poster	One
2.	Conference	Innovations in Sciences in Emerging Challenges in Health and Environment, NSHE 2018	Daulat Ram College, Department of Chemistry, University of Delhi, Delhi	20 <sup>th</sup> March 2018	YES	Poster	One
3.	Conference	2 <sup>nd</sup> National Conference On Emerging Trends in Applied Sciences	School of Basic And Applied Sciences,	August 17-18, 2017	YES	Poster	One

		(NCETAS 2017)	Galgotias University, Uttar Pradesh, India.				
4.	Conference	International Conference on Frontiers at the Chemistry Allied Science Interface (FCASI 2017)	Department of Chemistry, University of Rajasthan, Jaipur Rajasthan, India	July 22-23, 2017	YES	Poster	One
5.	Conference	International Conference on Green Chemistry in Environmental Sustainability and Chemical Education (ICGC -2016)	Department of Chemistry, Daulat Ram College, University of Delhi, Delhi	17 <sup>th</sup> -18 <sup>th</sup> Nov 2016	YES	NO	NA
6.	Workshop	Relevance of experimental chemistry and biotechnology	Department of Chemistry, Hans Raj College, University of Delhi, Delhi	March 12-13, 2014.	YES	NO	NA
7.	Seminar	ICT tools for science educators and students	Khalsa College, DU	December 18, 2012	YES	NO	NA
8.	Conference	INDO US S & T FORUM workshop on Green chemistry	Department of Chemistry, University of Delhi.	7-9 January, 2008	YES	NO	NA
9.	Conference	NSC-9, 9 <sup>th</sup> National Symposium in Chemistry	Department of Chemistry, University of Delhi.	February 1-4, 2007	YES	NO	NA
10.	Workshop	Green Chemistry Education	Department of Chemistry, University of Delhi.	March 10 <sup>th</sup> , 2007	YES	NO	NA

**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 participants in the programme
1.	CAMP	State level camp (Level-II)	Daulat Ram College, University of Delhi, Delhi	8 <sup>th</sup> Feb 2023	Resource person and evaluator	One day	350

2.	FDP	National Faculty Induction Programme Organized by Daulat Ram College, University of Delhi, and Guru Angad Dev Teaching Learning Centre , SGTB Khalsa College	Daulat Ram College , University of Delhi , Delhi	25 <sup>th</sup> Feb - 27 <sup>th</sup> March 2023	Participation and Secured 'A' Grade	1 month	150
3.	FDP	Workshop on Personality Development and Leadership Skills (LDP-1) on the theme "Leadership Development Programme"	CPDHE ,University of Delhi , Delhi	July 25-31, 2020	Participation	6 days	43
4.	e-FDP	Faculty development programme on Empowering teaching-learning process using Google classroom and other ICT Tools : A comprehensive practical approach	Daulat Ram College , University of Delhi , Delhi	July 21-23, 2020	Participation	3 days	150
5.	Webinar	Webinar on Art and Science of Mentoring by by Dr. Pratibha Jolly	Physics Department, Daulat Ram College, University of Delhi , Delhi	June 1 <sup>st</sup> , 2020	Participation	One day	
6.	Internship programme	Research Methodology in Chemistry	Department of Chemistry, Daulat Ram College, University of Delhi , Delhi	16 <sup>th</sup> May – 30 <sup>th</sup> May 2020	Resource person	15 days	143
7.	e-FDP	Faculty development programme on advanced topics in chemical sciences	Post Graduate Department of Chemistry , Nallamuthu Gounder Mahalingam College , Tamil Nadu	May 15-21 <sup>st</sup> , 2020	Participation	7 days	

8.	Webinar	National webinar entitled : research publication: Skill ethics and misconducts	Department of chemistry , Kumaraguru college of technology , Coimbatore	15 th may 2020	Participation	One day	
9.	e-FDP	Faculty development programme on Spoken Tutorial : R programming	Maharishi Markandeya , Mullana , Ambala ,Haryana in collaboration with IIT Bombay	27 th april -1 <sup>st</sup> may 2020	Participation	5 days	
10.	Webinar	International webinar on COVID 19 Pandemic : Challenges and recent advancements	JNU , New Delhi	Apr 25 <sup>th</sup> -26 <sup>th</sup> , 2020	Participation	2 days	
11.	Webinar	ICT Enabled higher education in India : Challenges and opportunities	Guru Angad Dev Teaching Learning Centre , SGTB khalsa College , DU	Apr 15, 2020	Participation	One day	
12.	Seminar	National Seminar On Environment And Sustainability In The Third World	Department of Chemistry & IQAC Hansraj College, University of Delhi	Feb 28 <sup>th</sup> , 2020	Participation	One day	
13.	SDP	In-house Skill Development Program on enhancing learning through ICT tools	Department of chemistry, Daulat Ram College, University of Delhi, Delhi, India	26 <sup>th</sup> - 27 <sup>th</sup> Nov 2022.	Resource Person	2 days	35
14.	SDP	In-house Skill Development Program on enhancing learning through ICT tools	Department of chemistry, Daulat Ram College, University	17 <sup>th</sup> - 19 <sup>th</sup> august 2020 .	Resource Person	3 days	35

			of Delhi, Delhi, India				
15.	SDP	In-house Skill Development Program on exploring chemicals in natural products, processed food and nutritional food supplements	Department of Chemistry, Daulat Ram College, University of Delhi	4 <sup>th</sup> July 2019 to 11 <sup>th</sup> July 2019	Resource person	One week	40
16.	SDP	DST Inspire Science Camp organized by Daulat Ram College, DU in collaboration with Department of Science and Technology, GOI	Daulat Ram College, University of Delhi	17 <sup>th</sup> Dec 2018 to 21 <sup>st</sup> Dec 2018	Organizing committee and Resource person	4days	350
17.	SDP	In-house Skill Development Program on Exploring Everyday Chemistry Synthesis of Inorganic Pigments	Department of Chemistry, Daulat Ram College, University of Delhi	21 <sup>st</sup> Dec 2018 to 29 <sup>th</sup> Dec 2018	Resource person	10days	35
18.	SDP	In-house Skill Development Course in chemistry at the helm of essential oils, cosmetics, fragrances and wellness on “Genesis of natural and eye friendly cosmetic product”	Department of Chemistry, Daulat Ram College, University of Delhi	29 <sup>th</sup> may 2018 to 8 <sup>th</sup> June 2018	Resource person	10 days	40
19.	FDP	Chemistry of Life to Chemistry of Diseases: Understanding Clinical Biochemistry	Department of chemistry , Daulat Ram College, University of Delhi , Delhi and sponsored by DBT	15 <sup>th</sup> June 2017 to 22 <sup>nd</sup> June 2017	Participation	7days	
20.	SDP	In-house Skill Development Course in Instrumentation, Clinical , Analytical and Computational	Department of Chemistry, Daulat Ram College,	31 <sup>st</sup> May to 12 <sup>th</sup> June 2017	Resource person	10 days	35

		Chemistry on “Genesis of sustainable sunscreen lotions and UV analysis of sunscreens”	University of Delhi				
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### Membership of Professional Bodies

S.No	Type of Membership	Organization	Membership number
1.	Life Membership	Green Chemistry Network Centre (GCNC)	Membership no: 7327
2.	Life membership	The Indian Science Congress Association, Membership	Membership no: L32805

Dr. Gauri Ahuja