



Faculty Detail Performa 2017-2022



1. Personal details

Name	DR. DARSHAN	Photo
Designation	Assistant Professor	
Department	CHEMISTRY	
Email	darshnachem2004@gmail.com, darsahn@dr.du.ac.in	

2. Educational Qualification

Degree	Institution	Year
M.Sc	University of Delhi	2004
Ph.D	G.G.S, Indraprastha University, (IPU) Dwarka	2010

3. Full Time Research Experience - NIL

Designation	Institute	Time period	Nature of Appointment

4. Full time Teaching Experience

S.No	Designation	Institution	Time Period	Nature of Appointment
1.	Assistant professor	Daulat Ram College	19.7.2005-29.8.2005	adhoc
2.	Assistant professor	Daulat Ram College	30.8.2005- till date	Permanent

5. Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
Delhi university	Tabulator of result	Done	2011	One year
Daulat Ram College	Teacher Incharge (TIC)	done	2011-2012	One year
Daulat Ram College	Liaison officer	Working	2013 – till date	More than 7 years
Daulat Ram College	Executive member of DRCTA	Done	2012-13	One year
Daulat Ram College	Teacher	done	2018-2019	One year

	Incharge (TIC)			
University of Delhi	Flying squad, DU	done	2012-13	Two years
Daulat Ram college	Coordinator of environment science examination	done	May 2017	On rotation basis
Students advisory board, DU	Organizing member	done	2017-18	One year
National conference, NSHE2018	Member organizing committee	done	March 2018	-
Ph.D- M.Phil admission interview, department of education, DU	observer	done	21-22 august 2019-20	At the time of interview
MPhil-PhD Admission Interview – department of education 2018.	observer	done	23-27 july 2018	At the time of interview
preview of videos programs in consortium of education communication (CEC-UGC) in 2018	Subject expert of chemistry for the	Doing since 2018	Still doing	At the time of need
Staff advisor for chemical society	Staff advisor	done	1 April 2020-March 2021	One year (rotation basis)
M-Phil- Ph.D admission interview 2019 conducted by the department of Education, DU on 21 and 22 nd August 2019.	Observer	done	21-22 august 2019	At the time of interview
M Phil admission interview 2019 conducted by the department of Education on	Observer	done	Sept 2019	At the time of interview

September, 2019.				
“Vidyarthi Vigyan Manthan 2019” India’s largest science talent search for new India using digital devices, state level examination held on 19 January 2020 in Deshbandu college, DU	As subject evaluator	done	19 Jan 2021	At the time of exam
College grievance committee during admission in the 2020-21.	Representative of SC/ST	Done	Sep 2020 to Nov 2020	During UG admission
Course of committee of department of chemistry from December OBE 2020	Member	done	Nov-Dec 2020	2 months
Course of committee of department of chemistry from May/June OBE 2020	Member	done	May/June 2021	2 months
SC/ST/OBC grievance committee of Daulat Ram College from July 2021.	Coordinator	Since Jul 2021	Till date	continuing
Fine arts Society	Convener	done	April 2019-May 2021	2 years

ECA	Convener	May 2021	April 2022	Cont..
Disaster management committee	Co-Convener	Oct 2020	April 2022	Cont...
Azadi ka Amrut Mahotsav	Nodal Officer	May 2021	April 2022	Cont
ECA	Convener	May 2021	Till date	Cont..
Chemical society	Staff advisor	May 2022	April 23	

6. Areas of Interest in Teaching:

ORGANIC CHEMISTRY

7. Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1	B.Sc (life science)	Molecules of life	6 sem	2021-22
2	B.Sc (life science)	Organic + physical	3 sem	2021-22
3	B.Sc (life science)	Physical + Inorganic	4 sem	2021-22
4	B.Sc (H) chemistry	Organic chemistry	5 sem	2021-22
5	B.Sc (H) chemistry	Organic chemistry	2 sem	2021-22
6	B.Sc (life science)	Chemistry of cosmetic	4 sem	2021-22
7	B.Sc (life science)	Organic+ Inorganic	1 sem	2021-22

8. Research Guidance given

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor/Cosupervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree
Monika	Female	M.Sc	2016/A4450	Co-supervisor	Amity University	Fluorophore doped Nanoparticles	Aug 2016	2016, awarded

			91405 1	visor	ty	synthesis		

9. Details of refresher/orientation course/research methodology/workshop/syllabus up-gradation/ teaching –learning-evaluation/technology programmes/Faculty Development Programme

S.No	Details	Title of event	Place	Period	Duration of Activity	Sponsoring agency
1.	Refresher	In chemistry	Department of chemistry, DU	15 FEBRAURY -9 march 2010	3 WEEKS	ILLL,DU
2	Orientati on	Interdisciplinary	ILLL, DU	23 June-22 July 2012	One month	ILLL, DU
3	Refresher	In chemistry	Department of chemistry, DU	June- July 2015	3 weeks	ILLL, DU
4	FDP	“from chemistry of life to chemistry of understanding clinical biochemistry (UCB-17)	Daulat ram college, DU	15 june-22 july 2017	One week	DBT
5	FDP	“e-learning, pedagogy and ICT tools in higher education”	(TLC), SGTB, Khalsa college, DU	26 th November – 7 th December 2018	Two week	PMMMNM, MHRD
6	FDP	“Data analysis using software packages”,	department of statistics, Hindu college, DU in collaboration with teaching	12 th December – 24 th December 2018	Two weeks	PMMMNM, MHRD

			learning center (TLC), Deshbandhu College, Kalka ji, DU.			
7	FDP	“ empowering teaching learning process using google classroom and other ICT tools: A comprehensive practical approach	Daulat ram college, DU	21-23 July 2020	3 days	DRC
8	FDP	Attended 15 days FDP on “ICT based new paradigms of E-teaching and E-learning.	conducted by computer science department, Mata Sundari College in collaboration with teaching learning center: Pandit Madan Mohan Malviya National mission on teachers and teaching. MHRD, Ramanujan College, DU.	from 15-30 September 2020	2 weeks	PMMMNM
9.	UGCF 22	Member of committee for formulation for UGCF 2022				DU
10	Committee of	For theory and	Nov 2020	Till date		DU

	courses	practical exam				
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10. MOOCs completed with e-certification

S.No.	Details of MOOC	Subject	Certification providing agency	Date of certification	Level (UG/PG/Other)	Year	E-certification no.

11. Contribution towards development of e-content/MOOCs in 4- quadrants

S.No.	Details of E-contents/MOOCs in 4-quadrants	Quadrants developed	No. of Modules	Course	Sponsoring agency	Year	Level (UG/PG/Other)

12. Contribution towards conduct of MOOCs

S.No.	Details of MOOC	Subject	Sponsoring agency	Level (UG/PG/Other)	Year	E-certification no.

13. Organising seminars/ conferences/workshops, other college/university activities.

S.No.	Year	Details	Place	Period		Sponsoring/Organising Agency
				From	To	
1	Dec 2021	Organized SDP for students of DRC	DRC	20 Dec	27 Dec	Skill development cell of DRC

2	2021	Resource person in workshop	DRC	14 July 21		20 hours skill enhancement workshop in DRC
3	2022	Webinar on IPR as a convener	DRC	12 april 2022		Ministry of commerce and industries, GOI
4	2021	Organized a webinar on reopening of educational institute as co-convener	DRC	8 September 2021		BSDMA, NIDM, GOI
5	2021	National symposium on translation in India as convener	DRC	8 September 2021		
6	2021-22	Organized various activities as ECA convener	DRC	2021-22		DRC
7	2021-22	Nodal officer azadi ka amrut mahotsav	DRC	2021-22		DRC
8	2021-22	Member of ECA committee of DU for allotment of ECA seat	DU	Oct-Nov 2021		DU
9	25 aug 2021	Footprints of Indian women in science	DRC	25 aug 2021		DU

14. Creation of ICT mediated Teaching Learning pedagogy and content and development of

new and innovative courses and curricula Development of Innovative Pedagogy e module

S.No	Name of the Module	Subject	Stream	Organization for which it was developed	Year	Level (UG/PG/Other)	Weblink

15. Research Projects ongoing 2017-21

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

16. Research projects Completed 2017-21

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

Publications:

17. Books

S.No	Authors/Name/ISBN	Publisher	Date of publishing(DDMM YY0	Authored/Edited	ISBN No
1	Dr Darshan and Dr Ritu Gupta Science and life	Shivalik prakashan	2013	Authored	978-9383838-76-9
2	Dr Darshan, Ms Geetanjali Kumar, Dr Ritu gupta, Ms Mamta Bai “Environmental Studies	Jeevenson publications	2018	Authored	938637620-2.
3	Dr Darshan, lab Manuel of qualitative and quantitative analysis	Manakin press	2017	Authored	9789384370947

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18. Book chapters/articles published

S.No	Citation	Publisher	Date of publishing (DDMMYY)	Authored/Edited	ISBN No
1		Elsevier	Aug 2022	Dr Darshan/ author	9780323904636

19. E- Modules published

S.No	Citation	Publisher	Date of publishing(DDMMYY)	Authored/Edited	Link
1.	e-content on 'fundamentals of chemistry' for Restructured B.Sc.(Programme	e-content generation project of Institute for Life Long Learning, DU	2007	authored	ILL, DU

20. Research Publications:

International

S.No	Publication details (authors, title of articles, journal, year/page/ range of article, URL.DOI)	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1	Microwave assisted synthesis of silver nanoparticles from Origanum majorana and Citrus sinensis leaves and their antibacterial activity: A Green Chemistry Approach" Darshan Singh, Deepti Rawat and Isha, Bioresources and Bioprocessing 3:14, 2016	3:14, 2016	3.47	-		ISSN: 2197-4365.

2	Antibacterial properties of silver nanoparticles synthesized from Litchi Chinensis fruit peel extract, Darshan Singh and Ritu gupta, International journal of biotechnology and biomedical science (IJBBS), volume 1, pp 6-8 January-june 2016	volume 1, pp 6-8 January-june 2016,	-		Not indexed	eISSN: 2454-7808, pISSN: 2454-4582
3	Fluoride ion in ground water of Delhi: a review on the status and solution to the problem, Ritu gupta, Darshan Singh, Sarita singh, <u>Journal of Basic and Applied Engineering Research (JBAER)</u> , vol.3 (issue 1) p.p. 48-50 2016	vol.3 (issue 1) p.p. 48-50 2016	-		Cosmos indexed factor-2018 : 4.857	Online ISSN: (2350-0255); (Print ISSN: 2350-0077)
4	“Antimicrobial activity of Trachyspermum ammi leaves mediated silver nanoparticles: green approach”, Sonam Sahu, Deepti Rawat, Darshan Singh, International Journal of Research in Engineering and Technology, Volume: 04 Issue: 09	Volume: 04 Issue: 09 September-2015, 34-38.	5.28			eISSN: 2319-1163 pISSN: 2321-7308
6	“Studies on the curing kinetics and thermal stability of Diglycidyl ether of bisphenol-A (DGEBA) using mixture of novel, environment friendly sulphur containing amino acids and 4, 4'-diaminodiphenylsulfone”; Darshan, Priti Malhotra & A.K. Narula; <i>J. App. Polym. Sci.</i> ,113, (2009) 216	113, (2009) 216.	2.188			ISSN: 1097-4628
7	“Synthesis, Characterization of Diamide-Diimide-Diamines based on L-Cysteine amino acid and their effect on the Thermal	27, (2009) 647	3.154			ISSN: 0256-7679

	properties of Diglycidyl Ether of Bisphenol-A (DGEBA)”; Darshan, Priti Malhotra& A.K. Narula; <i>Chin. J.Polym. Sci.</i> , 27, (2009) 647					
8	“Synthesis, Characterization of Diimide-Diacids and their effect on the Thermal properties of Diglycidyl Ether of Bisphenol-A (DGEBA)”;Darshan, & A.K. Narula; <i>J. Therm. and Calor.</i> 49 (2009) 100.	(2009) 100.	2.47			ISSN: 1388-6150 (print) 1588-2926 (online)
9	“Synthesis, Characterization Thermal Properties of Tris (3-Aminophenyl) Phosphine Oxide-Based Nadimide Resin”; Darshan, Pooja Sharma, Priti Malhotra& A.K. Narula; <i>J. App. Polym. Sci.</i> ,107(2008) 1628. ISSN: 1097-4628	107(2008) 1628.	2.188			ISSN: 1097-4628

National

S.No	Publication details (authors, title of articles, journal, year/page/ range of article, URL.DOI)	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No
1.	“Synthesis, Characterization of phosphorus containing imides and their effect on the Thermal properties of	vol. 16, (2009) 133.	0.521			ISSN: 0975-1017(online)0971-4588(print)

	Diglycidyl Ether of Bisphenol-A (DGEBA)”;Geeta Durga, Darshan Singh, & A.K. Narula; Indian journal of engineering & material sci vol. 16, (2009) 133					
2	“Effect of structure of diamide-diimide-diamines based on L-methionine on curing behaviour and thermal stability of DGEBA”; Darshan, Priti Malhotra& A.K. Narula; <i>Ind. J. Chem.</i> , 48B(06), (2009) 893	48B(06), (2009) 893	0.388			.ISSN: 0975-0983

21. Conference Proceedings publication

S.no	Citation	Date of Publishing (DDMMYY)	Name of conference	Venue of conference	ISBN No

22. Conference Attended and Paper presentation (2017-21)

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	National conference	RACSGSE-SBAP 2017	Aditi Mahavidyalaya College, DU	10-11 October 2017.	Oral presentation	Oral presentation	one
2	India international	“Science Village programme” of 4 th	departme	5 th	State coordinator	State coordina	Coor dinati

	science festival 2018	India International Science Festival (IISF 2018),	nt of Biotechnology, Ministry of Science and Technology & Vijnana Bharti (Vibha), NBRI, Luckhnow, UP.	October-8 th October 2018,		tor	ng the fest
3	National conference	Innovations in Sciences and Emerging Challenges in Health and Environment"(NS HE-2018)	Daulat Ram College	20 march 2018	Oral presenation	Oral	one
4	National workshop	“Technology outreach as an enabler for inclusive and sustainable development”	conducted by Unnat Bharat Abhiyan (UBA), a flagship	10 th and 12 th August 2019.	attended	Attended	One

			program me of MHRD, Govt. of India.				
5	National conference	2nd National Conference on emerging trends and future challenges in chemicals sciences	Kirori mal college	10-11 january 2020	Oral presentatio n	Oral	one
6	National conference	National Conference on Relationship Between Chemical Sciences and Society (RCSS- 2020)	Shivaji college	15-16 january 2020	Poster presentatio n	Poster	Seco nd prize, one
7	World Sustainable Development Summit (WSDS) , in New Delhi	World Sustainable Development Summit (WSDS) , in New Delhi (India Habitat Centre), India. The theme for this year will be "Towards 2030 Goals: Making the Decade Count".	India habitate center	31 january 2020 (students presented)	Poster presentation	Poster	one
8	International conference	“science and technology: rural development held at maharishi dayanand university, Rohtak.	MDU, rohtak	march 4-5, 2020	Poster presentatio n	Poster	one
9	Two days workshop	“science lens of scientific and technical	Shyam Lal College,	29-30 January 2020	attended	Attende d	one

		terminology”	DU				
10	IUPAC symposium (an interactive panel discussion)	Panel discussion	Miranda house in collaboration with Vijana Bharti	12 february 2020.	attended	Attende d	one
11	Webinar	“ICT enabled higher education in India: challenges and opportunities”	conducted by GAD-TLC of khalsa college, mall road	15 april 2020.	attended	Attende d	one
12	Webinar	“economic crisis and its redressal during pandemic”	conducted by bhaskara charya college, Dwarka	15 may 2020	attended	Attende d	one
13	National webinar	“discovery and development of drugs in india with a special refrence to umifenovir”	by Anugarh Narayan singh college, Barh, Patna	2 july 2020.	Member of chemistry advisory committee	Member advisory committ ee	one
14	National webinar	“Learning from the corona pandemic”	Miranda House	29 sept 2020	attended	attended	one
15	National webinar	CAMPUS MENTAL HEALTH: INCREASED INVESTMENT AND ACCESS”	by the Department of Psychology, Mizoram University in collaboration with Mizoram	on 10 October2020	attended	attended	one

			University Students Council (MZUSC) on the occasion of World Mental Health Day				

23. 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	“20 hours skill enhancement workshop”	Resource person in “20 hours skill enhancement workshop” at Daulat Ram College.	Non-teaching staff in July 2021 at Daulat Ram College.	July 2019	Resource person	4 hours	30 staff
2	“20 hours skill enhancement workshop”	Resource person in “20 hours skill enhancement workshop” for nonteaching	Non-teaching staff in July 2021 at Daulat Ram College.	6 July-14 July 2021	Resource person	4 hours	30 staff

	p”	staff in July 2021 at Daulat Ram College.					
3	two weeks summer internship program	“ scientific instruments ” “Research Methodology for chemistry”.	department of chemistry, Daulat Ram College	from 16 th may – 30 th May 20	Resource person	Two weeks	133 students
4	National webinar	“ discovery and development of drugs in india with a special reference to umifenovir ”	by Anugarh Narayan singh college, Barh, Patna	2 july 2020	Member of chemistry advisory committee	One day	More than 1000
5	National workshop	Nano road show 2020	Miranda House college, DU	1 February 2020	Invited as judge for poster session UG/PG students in the National seminar on “Nano Road show 2020”.	One day	>500
6	In house skill development program	food adulteration” and “ synthesis of natural lip balm ”	Deptt. of Chemistry, Daulat Ram College	December 2018.	Resource person in House Skill development prog	Two week	20-25
7	In house skill development program	Determination of Sodium benzoate (Preservative) in a food sample	deptt. of Chemistry, Daulat Ram College,	4-10 July 2019.	Resource person in House Skill development prog	One week	30

			DU				
8	In house skill development program	“Detection phosphate content in soft drinks/Juices/ Vegetables/ fruits using spectrophotometer	Deptt of chemistry Daulat ram college, DU	4-10 July 2019	Resource person in House Skill development prog	One week	30
9	In house skill development program	“Antioxidant activity in various food samples by DPPH method”	Deptt of chemistry Daulat ram college, DU	4-10 July 2019	Resource person in House Skill development prog	One week	30
10	4th India International Science Festival (IISF 2018),	4th India International Science Festival (IISF 2018),	department of Biotechnology, Ministry of Science and Technology & Vijnana Bharti (Vibha) 5-8 october 2018, NBRI, Lucknow, UP	5-8 october 2018	Delhi coordinator	4 days	Across india In lakhs
11	in Skill development prog	Course in instrumentation, clinical analytical and computational chemistry, on the topic “preparation of natural anti-ageing cream”	Daulat Ram college, DU	June 2017	Resource person	Two weeks	25-30 students
12	In house skill	Course in instrumentation	Daulat Ram	June 2017	Resource person	Two weeks	25-30 students

	development prog	n, clinical analytical and computational chemistry, on the topic "natural hand sanitizer"	college, DU				
13	In house skill development prog	Prevention of diseases by natural remedies and identification of active molecules	Daulat Ram college, DU	20-27 Dec 2022	coordinator	Two weeks	120 students
14	In house skill development prog	Diabetes mellitus	Daulat Ram college, DU	20 Dec 2022	Resource person	One day	120 students

24. Awards Won

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award (DDMMYY)	Type of Honor received
1	Second prize in national conference	Shivaji college, DU	University of Delhi	nanofield	15-16 january 2020	Poster presentation

25. Extension Activity(Community related program)- ECA

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
1	webinar	DRC	Fit India Movement and Azaadi ka Amrut Mahotsav	Nodal officer	2 sept 2021	Students and faculty of DRC
2	National symposium	DRC	Translation in India	convener	8 sept 2021	Students and faculty all over

						India
3	Talk	DRC	Role of women in Indias freedom struggle	Convener	30 July	Students and faculty of DRC
4	Debate	DRC	Role of Indian women in India's freedom struggle: passive citizen or torchbearer	convener	30 july 2021	Students and faculty of DRC
5	Independence day celebration	DRC	15 aug 2021	convener	13 aug 2021	Students and faculty of DRC
6	Various activities like talk, deshbahkti competition, debate, JAM, Gandhi jayanti	DRC	June -April 2022	convener		Students and faculty of DRC

26. Membership of Professional Bodies

S.No	Type of Membership	Organisation	Year of Membership(Start Date)
1	Community member	Americal Chemical Society (ACS)	2020
2	Life long member	Vijayana Bharti (VIBHA)	2018