



University of Delhi

Faculty Detail Proforma



Personal details

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

Educational Qualification

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

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.	Associate professor	Daulat Ram College	30.8.2005- till date	Permanent

Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
Daulat Ram College (Students Union) in November 2006.	Organizing member of Students Advisory Board	done	2006	One year
Daulat Ram College	deputy superintendent for the theory exams 2007.	done	April/May 2007	Till exams
Daulat Ram College	Member of Secrecy	done	2008-2012	Every year

Daulat Ram College	Deputy superintendent of Chemistry Practical Annual Examination	done	2008-09	One year
Daulat Ram College	Observer in selection committee of adhoc interview	done	2008-2011	4 years
Daulat Ram College	Member library committee	done	2010-2011	One year
Daulat Ram College	Teacher Incharge of Life science deptt	done	2011-2012	One year
Delhi University	Tabulator of result	Done	2011	One year
Daulat Ram College	Teacher Incharge of Chemistry deptt	done	2011-2012	One year
Daulat Ram College	Member of Teaching Programme Committee TPC	done	2011-12	One year
Daulat Ram College	Member of prize committee	done	2011-12	One year
Daulat Ram College	Member of time table committee	done	2011-12	One year
Daulat Ram College	Junior teacher's representative of governing body of college	done	2012-13	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
University of Delhi	Flying squad, DU	done	2012-13, 2013-14	Two years
Daulat Ram College	Liaison officer	Working	2013 – till date (2023)	More than 10 years
Daulat Ram college	Member of Teaching Programme Committee (TPC)	done	2014-15	One year

Daulat Ram college	Convener in SC/ST grievance committee during admission	done	2013-14	At the time of admission
Daulat Ram college	Deputy Superintendent of theory examination of category A (morning/evening) in the year 2015-16.	done	2015-16	During exam
Daulat Ram college	Deputy Superintendent of theory examination of category B (morning/evening) in the year 2015-16.	done	2015-16	During exam
Daulat Ram College	Member of screening committee for the applications of candidates for the post of assistant professors in physics, botany	done	2015	-
Daulat Ram College	Deputy Superintendent for LLB, M.Com, BA(H) humanities and social sciences and B.tech entrance examinations of University of Delhi held in the month of June 2016	done	June 2016	One month
All over India	Observer in several	done	Since 2011	-

	competitive exams of CBSE			
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
Daulat Ram College	Teacher Incharge (TIC)	done	2018-2019	One year
MPhil-PhD Admission Interview – department of education 2018.	observer	done	23-27 July 2018	At the time of interview
National conference, NSHE2018	Member organizing committee	done	March 2018	-
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 September, 2019.	Observer	done	Sept 2019	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	Till 2021	At the time of need
Staff advisor for chemical society	Staff advisor	done	1 April 2020-March 2021	One year (rotation basis)
“Vidyarthi Vigyan Manthan 2019” India’s largest science talent search for new India using digital devices, state level examination held on 19 January	As subject evaluator	done	19 Jan 2021	At the time of exam

2020 in Deshbandu college, DU				
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, DU for allotment of UG admission under ECA quota for NCC in Nov 2021.	member	done	Nov 2021	Till allotment
ECA	Convener	May 2021	April 2022	One year
Disaster management committee	Co-Convener	Oct 2020	April 2022	One year
Azadi ka Amrut Mahotsav	Nodal Officer	May 2021	April 2022	One year
ECA	Convener	May 2022	May 2023	One year
“Vidyarthi Vigyan Manthan 2023” India’s largest science talent search for new India using digital devices, state level examination held on 8 January 2023 in Daulat Ram College, DU	As Delhi Coordinator	done	8 Jan 2023	At the time of exam
Chemical society	Staff advisor	May 2022	May 2023	One year

Deputy superintendent chemistry practical exams	Deputy superintendent	April/May 2023	-	One sem
Deputy superintendent annual theory exams (Regular, cat A)	Deputy superintendent	March 2023	-	Till exams were concluded
Deputy superintendent annual theory exams (Regular, cat A)	Deputy superintendent	May/June 2023	-	Till exams were concluded

Areas of Interest in Teaching:

ORGANIC CHEMISTRY

Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1.	B.Sc (H) chemistry, T	Organic chemistry	5 sem	3 year
2.	B.Sc (life science), T+P	Molecules of life	6 sem	3 year
3.	B.Sc (H) chemistry, T+ P	Organic chemistry	2 sem	1 year
4	B.Sc (life science), P	Organic + physical	3 sem	2 year
5.	B.Sc (life science), P	Physical + Inorganic	4 sem	2 year
6.	B.Sc (life science), P	Chemistry of cosmetic	4 sem	2 year
7.	B.Sc (life science)	Organic+ Inorganic	1 sem	1 year
8.	B.Sc (life science), NEP	Organic	1 sem	1 year
9.	B.Sc (H) chemistry, NEP	Organic chemistry	1 sem	1 year
10.	B.Sc (H) chemistry, NEP	Organic chemistry	2 sem	1 year

Research Guidance given

Name of student	Gender	Degree for which guidance	Date of Registration	Supervisor/ Cosupervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree

		ce given						
Monika	Female	M.Sc	2016/ A4450 91405 1	Co- super visor	Amity Universi ty	Fluorophore doped Nanoparticles synthesis	Aug 2016	2016, awarded

Research Projects ongoing

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

S.No	Name of Research Project	Funding Agency	National/International	Duration (Start date to end date)	Amount Sanctioned	Amount Received
1	Delhi University Innovation project DR- 203 on “Bio- inspired copper nanoparticle and its application as antibacterial agent” in the year 2013-15	Delhi University	National	2013-15	5.5 lakhs	5.5 lakhs
2	Delhi University Innovation project DR- 302 on “Zinc oxide nanoparticles from agricultural waste and its	Delhi University	National	2015-16	5 lakhs	5 lakhs

	Antimicrobial and Food Packaging Application: A Green Chemistry Approach”					
3	Delhi University Innovation project DR-303 on “Development of New Fluorescent Silica Nanoparticles for Rapid Detection of Clinical Pathogen	Delhi University	National	2015-16	4 lakhs	4 lakhs

Publications

Books

S.No	Authors/Name/ISBN	Publisher	Date of publishing(DDMMYY)	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 Singh, 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
4	Dr Darshan Singh, Dr	Manakin press	2023 (under press)	authored	

	Anuradha and Dr Divya Mathur, Molecules of Life				
--	---	--	--	--	--

18. Book chapters/articles published

S.No	Citation	Publisher	Date of publishing (DDMMYY)	Authored/Edited	ISBN No
1	-	Candice Janco ,Elsevier	2023	Dr Darshan/author	9780323904636
2	-	Springer 2023	2023 (in press)	Dr Darshan/author	
3	-	Springer 2023	2023 (in press)	Dr Darshan/author	

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	ILLL, DU

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	Bio-genic Synthesis of Calcium coated Zinc oxide Nanoparticles from	2023	0	-	yes	2773-1111

	Beetroot extract and their photodegradation study on Methylene Blue and Rhodamine B, Darshan Singh, Anuradha, Divya Mathur, Surendra kumar, balaram pani, Amar Kumar, Rajni Kanojia and laxman singh, Plant Nano Biology, 2023, vol 4, p.no.100031					
2	Photodegradation of Methylene blue and Rhodamine B using potato starch mediated biological zinc oxide nanoparticles and its calcium nanocomposites: Greener approach, Darshan Singh ^{1*} , Anuradha ¹ , Surendra Kumar ² , Amar Kumar ³ , Neelu Dheer ⁴ , M. Ramananda Singh ⁵ , Rajni Kanojia ⁶ , Sangeeta Kaul ⁷ and Ishwar Prasad Sahu ⁸ , Applied Chemical engineering, 2023, vol 6(1) 94-103	2023	0	-	yes	2578-2010
3	Formation and Characterization of leaf waste into organic compost, Sophayo mahongnao, pooja Sharma, Darshan Singh, Arif Ahamad, Pavitra V. Kumar, Pankaj kumar and Sarita Nanda, Environmental Science and Pollution research, 2023	2023	5.2	-	yes	0944-1344
4	Synergistic effect of 3-carboxypyridine and potassium iodide on mild steel corrosion in acid medium: an insight into electrochemical and surface analysis, Portugaliae	2024	0.378	-	yes	1647-1571

	Electrochimica Acta 42 (2024) 59-70.					
5	Agro waste mediated biosynthesis of zinc oxide nanoparticles and their antibacterial properties: waste to treat, Darshan Singh ^{1*} , Deepti Rawat ² , Amar Kumar ³ , Preeti Rawat ⁴ , Rahul Singhal ⁵ and Laxman Singh ^{6*} , Current nanomaterials, 2023, 8, 291-299.	2023, 8, 291-299.	Cite score 2.2, SJR-0.156	-	yes	2405-4623
6	Physico-chemical characterization of green synthesized nanoparticles by UV-Visible spectroscopy, Amar Kumar, Meenakshi, Nisha Saxena, Kumari Seema, Anshuman Srivastava, Jitendra Rajak, Darshan Singh, Laxman Singh, Current nanomaterials, 2023, 8, 102-109.	2023, 8, 102-109	Cite score 2.2, SJR-0.156	-	yes	2405-4623
7	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	4.983	-	yes	ISSN: 2197-4365.
8	Antibacterial properties of silver nanoparticles synthesized from Litchi Chinensis fruit peel extract, Darshan Singh and Ritu gupta, International journal of biotechnology and	volume 1, pp 6-8 January-june 2016,	-		Not indexed	eISSN: 2454-7808, pISSN: 2454-4582

	biomedical science (IJBS), volume 1, pp 6-8 January-june 2016					
9	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)
10	“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
11	“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.	3.057			ISSN: 1097-4628
12	“Synthesis, Characterization of Diamide-Diimide-Diamines based on L-Cysteine amino acid and their effect on the Thermal properties of Diglycidyl Ether of Bisphenol-A (DGEBA)”; Darshan, Priti Malhotra& A.K. Narula; <i>Chin. J.Polym. Sci.</i> , 27, (2009) 647	27, (2009) 647	3.154			ISSN: 0256-7679

13	“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.	3.641			ISSN: 1388-6150 (print) 1588-2926 (online)
14	“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.	3.057			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 Diglycidyl Ether of Bisphenol-A (DGEBA)”; Geeta Durga, Darshan Singh, & A.K. Narula; <i>Indian journal of engineering & material sci</i> vol. 16, (2009) 133	vol. 16, (2009) 133.	0.521			ISSN: 0975-1017(online)0971-4588(print)

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
3	“Photocatalytic properties of biologically synthesized uncoated and calcium coated ZnO nanoparticles using cucumber juice”, Rasayan journal of chemistry, 2022, special issue, 95-102	2022, special issue, 95-102	CITE SCORE 2.0	-	Yes	0974-1496
4	APPLICATION OF PHOTOSENSITIZER-INCORPORATED INDIUM OXIDE NANOPARTICLES IN PHOTODYNAMIC THERAPY, Indrajit Roy, Raju Tiwari, Mahendra Nath, Surinder P Singh, Surendra Kumar, Darshan Singh and Anuradha, Rasayan journal of chemistry, 2022, vol 15 (4), 2266-2872	2022, 15 (4), 2266-2872	CITE SCORE 2.0	-	yes	0974-1496
5	“Beta vulgaris mediated Bio-Inspired Copper Nanoparticle and its Application as Antibacterial Agent” Darshan Singh, Deepti Rawat and Meenam Bhatia, Rasayan	2022, 15 (4), 2266-2872	CITE SCORE 2.0	-	yes	0974-1496

	Journal of Chemistry, 2022, ISSN no 0974-1496, vol 15 (4), 2287-2291.					

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	National seminar	UGC sponsored seminar on “innovative, advanced research in biomedical and environmental dynamics, UGC Sponsored	Dyal Singh college	9 oct, 2015	Paper presentation	Paper presentation	one
2	RSC workshop	RSC workshop on chemistry for tomorrows world,	New Delhi	2-3 December, 2015, new Delhi.	Poster presentation	Poster presentation	two
3	Inter National conference	International conference organized in colloboration with Krishi sanskriti, Daulat Ram College	Daulat Ram College	15 January 2015	Poster and paper	Poster and paper	two

4	National conference	UGC sponsored nanoscience- opportunities and challenges on 19-20 February 2016 held in Maitreyi College.	Maitreyi College.	19-20 February 2016	paper	paper	two
5	National conference	UGC sponsored chemistry, environment & harmonious development (NCC-2016)	Shyam Lal college.	on 7-8 April 2016	Paper and poster	Paper and poster	two
6	National conference	UGC sponsored Combating Industrial pollution for sustainable Environment- A fusion of Industrial and Scientific Efforts* CIPSE-2016	Gargi college	22-23 Sept 2016	poster	poster	two
7	Inter National conference	DBT sponsored "Green Chemistry in Environmental Sustainability and Chemical Education in Daulat Ram	Daulat Ram College	17 Nov 2016	paper	paper	two
8	National conference	DBT sponsored Innovations in	Daulat Ram College	20 March 2018	paper	paper	one

		Sciences and Emerging Challenges in Health and Environment"(NS HE-2018).					
9	National conference	RACSGSE-SBAP 2017	Aditi Mahavidyalaya College, DU	10-11 October 2017.	Oral presentation	Oral presentation	one
10	India international science festival 2018	“Science Village programme” of 4 th India International Science Festival (IISF 2018),	department of Biotechnology, Ministry of Science and Technology & Vijnana Bharti (Vibha), NBRI, Lucknow, UP.	5 th October-8 th October 2018,	State coordinator	State coordinator	Coordinating the fest
11	National conference	Innovations in Sciences and Emerging Challenges in	Daulat Ram College	20 march 2018	Oral presentation	Oral	one

		Health and Environment"(NS HE-2018)					
12	National workshop	“Technology outreach as an enabler for inclusive and sustainable development”	conducted by Unnat Bharat Abhiyan (UBA), a flagship programme of MHRD, Govt. of India.	10 th and 12 th August 2019.	attended	Attended	One
13	National conference	2nd National Conference on emerging trends and future challenges in chemicals sciences	Kirorimal college	10-11 January 2020	Oral presentation	Oral	one
14	National conference	National Conference on Relationship Between Chemical Sciences and Society (RCSS-2020)	Shivaji college	15-16 January 2020	Poster presentation	Poster	Second prize, one
15	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	India Habitat Center	31 January 2020 (students presented)	Poster presentation	Poster	one

		2030 Goals: Making the Decade Count".					
16	International conference	“science and technology: rural development held at maharishi dayanand university, Rohtak.	MDU, rohtak	march 4-5, 2020	Poster presentation	Poster	one
17	Two days workshop	“science lens of scientific and technical terminology”	Shyam Lal College, DU	29-30 January 2020	attended	Attended	one
18	IUPAC symposium (an interactive panel discussion)	Panel discussion	Miranda house in collaboration with Vijana Bharti	12 february 2020.	attended	Attended	one
19	Webinar	“ICT enabled higher education in India: challenges and opportunities”	conducted by GAD-TLC of khalsa college, mall road	15 april 2020.	attended	Attended	one
20	Webinar	“economic crisis and its redressal during pandemic”	conducted by bhaskara charya college, Dwarka	15 may 2020	attended	Attended	one
21	National webinar	“discovery and development of drugs in india with a special refrence to umifenovir”	Organized by Anugarh Narayan singh college,	2 july 2020.	Member of chemistry advisory committee	Member advisory committ ee	one

			Barh, Patna				
22	National webinar	“Learning from the corona pandemic”	Miranda House	29 sept 2020	attended	attended	one
23	National webinar	CAMPUS MENTAL HEALTH: INCREASED INVESTMENT AND ACCESS”	Organized by the Department of Psychology, Mizoram University in collaboration with Mizoram University Students Council (MZUSC) on the occasion of World Mental Health Day	on 10 October2020	attended	attended	one
24	International conference on contribution of Prafulla Chandra Ray as chemist and freedom fighter	Life of P C Ray and his role as freedom fighter	organized by the department of chemistry, University of Delhi, DU and ministry of culture	2 Aug 2022	oral	oral	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	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
2	In house skill development prog	Diabetes mellitus	Daulat Ram college, DU	20 Dec 2022	Resource person	One day	120 students
3	“20 hours skill enhancement workshop”	Resource person in “20 hours skill enhancement workshop” for nonteaching staff in July 2021 at Daulat Ram College.	Non-teaching staff in July 2021 at Daulat Ram College.	6 July-14 July 2021	Resource person	4 hours	30 staff
4	two weeks summer internship program on	“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
5	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

6	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
7	“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
8	In house skill development program	Determination of Sodium benzoate (Preservative) in a food sample	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	“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
10	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

11	4 th India International Science Festival (IISF 2018),	4 th 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
12	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
13	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
14	In house skill development prog	Course in instrumentation , clinical analytical and computational chemistry, on the topic“natural hand sanitizer	Daulat Ram college, DU	June 2017	Resource person	Two weeks	25-30 students

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

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	DRC	June -April 2022	convener		Students and faculty of DRC

talk, deshbahkti competition, debate, JAM, Gandhi jayanti						
--	--	--	--	--	--	--

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	Member, department of Chemistry	One sem	Till completion	DU
10	Committee of courses	For theory and	Convener, Hons board, department of	2020-22	2 years	DU

		practical exam	Chemistry Nov 2020			
--	--	----------------	-----------------------	--	--	--

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

S.No.	Year	Details	Place	Period		Sponsoring/Organising Agency
				From	To	
1	8 August 2023	Organized State level camp of Vidyarthi Vigyan Manthan 2023” India’s largest science talent search	DRC	8 August 2023		Daulat Ram College, DU and Vigyan Bharti (VIBHA)
2	23 Jan 2023	Organized Environment conclave in collaboration with students for development (SFD) “Shrishti Manthan” as a Convener of ECA	DRC	23 Jan 2023		DRC
3	2 Feb 2023	Organized a session on “Impact of white collar crime in society” by Dr Deepak Handa, former head, CSFL, CBI	DRC	2 Feb 2023		Chemical Society DRC
	2023	Webinar on IPR as a convener	DRC	25 Feb 2023		Ministry of commerce and industries, GOI
4	2-3 August 2022	Member of international conference “contribution of acharya Chandra ray as a chemist and freedom fighter	Conference Hall, DU	2-3 August 2022		DU
5	26 August 2022	Foundation stone laying ceremony of new academic	College auditorium, DRC	26 August 2022		Daulat Ram College, DU

		block as a convener of ECA				
6	21 Nov 2022	Organized inaugural talk on “Nanotechnology in energy and sensing application	Conference Hall, DRC	21 Nov 2022		Chemical Society, DRC
7	29 Nov 2022	Organized a “Atmanirbhar Bharat” under the aegis of IQAC as a part of centenary celebration of DU and azadi ka amrut mahostav as Convener of ECA, on 29 November 2022	Conference Hall, DRC	29 Nov 2022		Daulat Ram College, DU
8	Dec 2021	Organized SDP for students of DRC	DRC	20 Dec	27 Dec	Skill development cell of DRC
9	2021	Resource person in workshop	DRC	14 July 21		20 hours skill enhancement workshop in DRC
10	2022	Webinar on IPR as a convener	DRC	12 April 2022		Ministry of commerce and industries, GOI
11	2021	Organized a webinar on reopening of educational institute as co-convener	DRC	8 September 2021		BSDMA, NIDM, GOI
12	2021	National symposium on translation in India as convener	DRC	8 September 2021		
13	2021-22	Organized various activities as ECA convener	DRC	2021-22		DRC

14	2021-22	Nodal officer azadi ka amrut mahotsav	DRC	2021-22		DRC
15	2021-22	Member of ECA committee of DU for allotment of ECA seat	DU	Oct-Nov 2021		DU
16	25 aug 2021	Footprints of Indian women in science	DRC	25 August 2021		DU
17	2019-2021	Organized various activities as a convener of Fine Arts Society	DRC	2 years		DRC
18	2 august 2018	Lecture was organized on the birth anniversary of "Prof. P. C. Ray" father of Indian Chemistry in collaboration with Indraprashtha Vigyaan Bharti (Vibha)	DRC	2 august 2018		DRC
19	2016-17	inaugural lecture of Dr Indrajit Roy on the topic "Inorganic based nanomaterials for controlled drug delivery and drug action"	DRC	27 January 2017		DRC
20	2009-10	Organized inaugural lecture of "Thin Films by Dr. O.S. PANWAR, National Physics Laboratory (NPL), Pusa road	DRC	Oct 2009		DRC
21	2009-10	Organized inaugural lecture of science association, DRC	DRC	Feb 2009		DRC

		on “cyber crime” by Mr Anurag Jain, GGSIP, University				
22	2011-12	Organized inaugural lecture of science association in collaboration with chemical society in DRC on “biofuels and biodiesel” delivered by prof. Kalia, IGIB,	DRC	March 2012		DRC
23	2016-17	Organized several activities as a co-convenor of NSS	DRC	One year		DRC

Membership of Professional Bodies

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