


1. Personal Details

Name	Dr. Aditi Puri	
Designation	Assistant Professor (Adhoc)	
Department	Chemistry	
Email	aditi2016@gmail.com	

2. Educational Qualification

Degree	Institution	Year
Ph.D	University of Delhi	2016
M.Sc (chemistry)	University of Delhi	2009
B.Sc (chemistry)	University of Delhi	2006

3. Full Time Research Experience

Designation	Institute	Time period	Nature of Appointment

4. Full time Teaching Experience

s.no	Designation	Institution	Time Period	Nature of Appointment
1.	Assistant Professor, Department of Chemistry	Daulat Ram College, University of Delhi	24.7.2015 to present	Adhoc
Total				

5. Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
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DRC	Member (WDC)	member	2019-2021	
DRC	Member (Help Desk Committee)	Member	2021	
DRC	Co-coordinator ,International Conference on Green Chemistry and Environmental Sustainability (ICGC-2016)	Co-coordinator	17,18 Nov 2016	
DRC	Member, Student Advisory Board	member	2017-18	
DRC	Staff advisor, Chemical Society	Staff advisor	2018-20, 2021-22	

6. Areas of Interest:

Chemistry of s, p, d and f block elements, bioinorganic chemistry, green chemistry, Analytical chemistry, Chemistry of cosmetics and perfumes

7. Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1.	B.Sc(H) Chemistry	Basic Analytical Chemistry	VI	2019-20
2.	B.Sc(H) Botany, zoology, mathematics, biochemistry, physics	Chemistry of s and p block elements	II, IV	2020-21, 2019-20
3.	B.Sc(H) Physics	Atomic structure, chemical bonding	I	2020-2021
3.	B.Sc(H) Chemistry	Novel inorganic solids	V	2020-21, 2021-22, 2019-20, 2018-19
4.	B.Sc(H) Botany, zoology, mathematics,	Organometallics and	I	2019-20

	biochemistry	bioinorganic chemistry		
5.	B.Sc(H) Chemistry	Chemistry of cosmetics and perfumes	III	2018-19
6.	B.Sc(P) Life Science	Chemistry of d-block elements	V	2018-19

8. Research Guidance Given:

1. Guidance of 10 students in innovation project (DR-311) in the year 2015-16
2. Guidance of 8 students in star innovation project (DRC-04) from 2016 onwards

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

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

S.No.	Details	Place	Period		Year	Sponsoring/Organising Agency
			From	To		
1.	Faculty Development Programme, Industrial and Environmental Microbiology	Department of Botany, Daulat Ram College	19 March	20 March	2018	University of Delhi
2.	E-FACULTY DEVELOPMENT PROGRAMME , Empowering Teaching-Learning Process using Google Classroom & Other ICT Tools: A	Department of commerce, Daulat Ram College	21 July	23 July	2020	University of Delhi

	Comprehensive Practical Approach"					
3.	Faculty Development Programme, "From Chemistry of Life to Chemistry of Diseases: Understanding Clinical Biochemistry"	Department of Chemistry, Daulat Ram College, University of Delhi	15 June	22 June	2017	University of Delhi

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.	2016	Co-coordinator ,International Conference on Green	Daulat Ram College	17 November	18 November	University of Delhi

		Chemistry and Environmental Sustainability (ICGC-2016)				
2.	2018	Member, National Conference on "Innovations in Sciences and Emerging Challenges in Health and Environment" (NSHE-2018)	Daulat Ram College	20 March		University of Delhi

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	Amount Sanctioned	Amount Received

16. Research projects Completed

S.No	Name of Research Project	Funding Agency	National/International	Duration	Amount Sanctioned	Amount Received

1	DR 311 Greener and sustainable approach to control water pollution	University of Delhi	National	1 year	5 lac	5 rupees
2.	Star innovation Project DRC-04 (Recycled PVA from e waste and its application)	University of Delhi	National	3 years	15 lac	5 lac

17. Books published

S.No	Authors (year)Name of Book. Publisher, ISBN No	Publisher	Date of publishing	Authored/Edited	ISBN No

18. Book Chapters/Articles published

S.No	Author(year) Title of Chapter/Article,in Edited Book: Title of book, Publisher, Vol, Page no	Date of publishing	Authored/Edited	ISBN No
1.	Rakesh Kumar Sharma, Alok Adholeya, Aditi Puri, Manab Das, Chapter 14 Bioextraction: The interface of biotechnology and green chemistry, 2012, pp 435-457. Edited By: ChinnappanBaskar, ShikhaBaskar and Ranjit S. Dhillon.	2012	Co-Authored	978-3-642-28417-5 (Print).
2.	R. K. Sharma, Alok Adholeya, Manab Das, Aditi Puri, Chapter 2 Green materials for sustainable remediation of metals in water, 2013, pp 11-29. Edited By: Anuradha Mishra and James H Clark.	2013	Co-Authored	(online): 978-1-84973-500-1.
3.	R. K. Sharma, Garima Gaba, Anil Kumar, Aditi Puri, Chapter 6 Functionalized silica gel as green material for metal remediation, 2013, pp 105-134. Edited By: Anuradha Mishra and James H Clark.	2013	Co-Authored	(online): 978-1-84973-500-1.
4.	R.K. Sharma, Shikha Gulati, Aditi	2014	Co-Authored	978-0-12411-

	Puri, Chapter 3 Green Chemistry Solutions to Water Pollution, 2014, pp 57-75. Edited By: Satinder Ahuja.			645-0(Print).
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19. E- Modules Published

S.No	Author (year) Title, Module, Subject ,Organisation, Weblink	Date of publishing	Authored/Edited	Link

20. Research Publications:

S.No	Author/s(Year) Journal Name, Vol, series, pg no, ISSN	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No
1.	R.K. Sharma, Aditi Puri, Yukti Monga, Alok Adholeya, Newly modified silica-based magnetically driven nanoadsorbent: A sustainable and versatile platform for efficient and selective recovery of cadmium from water and fly-ash ameliorated soil, Separation and Purification Technology, 127	2014	5.774	YES	YES

2.	(2014) 121-130 (Elsevier) R.K. Sharma, Aditi Puri, Anil Kumar, Yukti Monga, Garima Gaba, Alok Adholeya, Diacetylmonoxime Functionalized Silica Gel: An Efficient and Recyclable Organic Inorganic Hybrid Material for Selective Removal of Copper from Fly ash Ameliorated Soil Samples Separation Science and Technology, 49(5) (2014) 709-720 (Taylor and Francis).	2014	1.718	YES	YES
3.	R.K. Sharma, Aditi Puri, Anil Kumar and Alok Adholeya, Chemically modified silica gel with 1-{4-[(2-hydroxy-benzylidene)amino]phenyl}8rogram8: synthesis, characterization and application as an efficient and reusable solid phase extractant for selective removal of Zn(II) from mycorrhizal treated fly-ash samples, Journal of Environmental Sciences, 25 (2013) 1252-1261 (Elsevier).	2013	4.302	YES	YES
4.	R.K. Sharma, Yukti Monga, Aditi Puri, Magnetically	2014	3.687	YES	YES

	Separable Silica@Fe ₃ O ₄ Core- Shell Supported Nano-Structured Copper(II) Composites as a Versatile Catalyst for the Reduction of Nitroarenes in Aqueous Medium at Room Temperature, Journal of Molecular Catalysis A: Chemical, 393 (2014) 84-95 (Elsevier).				
5.	R.K. Sharma, Yukti Monga, Aditi Puri, Garima Gaba, Magnetite (Fe ₃ O ₄) Silica Based Organic-Inorganic Hybrid Copper(II) Nanocatalyst: A Platform For Aerobic N-alkylation of Amines, Green Chemistry, 15 (2013) 2800-2809 (RSC).	2013	9.480	YES	YES
6.	R.K. Sharma, Yukti Monga, Aditi Puri, Zirconium(IV)- modified silica@magnetic nanocomposites: Fabrication, characterization and application as efficient, selective and reusable nanocatalysts for Friedel-Crafts, Knoevenagel and Pechmann condensation reactions, Catalysis	2013	3.612	YES	YES

7.	Communications, 35 (2013) 110-114 (Elsevier). R.K. Sharma, Aditi Puri, Yukti Monga, Alok Adholeya, Acetoacetanilide functionalized Fe ₃ O ₄ nanoparticles for selective and cyclic removal of Pb ²⁺ ions from different charged wastewaters, Journal of Materials Chemistry A, 2 (2014) 12888-12898 (RSC).	2014	11.301	YES	YES
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21. Conference Proceedings publication

S.no	Title of Paper (Year) Title of conference proceedings , Vol, series, Pg no , ISBN	Date of Publishing	Peer Reviewed Yes/No	Venue of conference

22. Conference Attended and Paper presentation

s.no	Type of Event	Name of Event	Venue of conference	Date of conference	Attended only Yes/no	paper presented Yes/No	Title of Paper Presented

1	5 th International Asia Oceania Conference	Green and Sustainability Chemistry (AOC-5 GSC)	Indian Habitat Centre, Lodhi Road, Delhi	Jan 15-17, 2015	Yes	N.A	N.A
2	National Workshop cum Seminar	Novel Trends in Green Chemistry and Sustainability Development	Department of Chemistry and Zoology, Daulat Ram College, University of Delhi.	Feb 26-27, 2016	Yes	N.A	1
3	National Seminar	Water and Air Quality in Urban Ecosystem	Shivaji College, University of Delhi.	March 22, 2016	Yes	Poster presentation	N.A
4	International Conference	Green Chemistry in Environmental Sustainability and Chemical Education(ICGC-2016)	Department of Chemistry, Daulat Ram College, University of Delhi.	Nov 17-18, 2016	Yes	Poster presentation	N.A
5	Indo-UK Scoping Workshop	Development of Rural Biorefineries in India: From Waste to Wealth	University of Delhi.	Feb 20, 2017	Yes	N.A	N.A
6	Faculty Development Programme	From Chemistry of Life to Chemistry of Diseases: Understanding Clinical Biochemistry	Department of Chemistry, Daulat Ram College, University of Delhi.	June 15-22, 2017	Yes	N.A	N.A
7	RSC Workshop	Green Chemistry and Water Treatment	Hotel Maidens, Delhi	Oct 17, 2017	Yes	N.A	N.A
8	International Conference at	Sustainable Initiatives in Water Management	Manav Rachna University, Faridabad.	March 06, 2018	Yes	N.A	N.A
9	National Conference	Innovations in Sciences and Emerging Challenges in Health and Environment (NSHE-2018)	Department of Chemistry, Daulat Ram College, University of Delhi.	March 20, 2018	Yes	Poster presentation	N.A
10	International Conference on "Sustainable Initiatives in Water	"Sustainable Initiatives in Water Management"	Manav Rachna University, Faridabad.	March 06, 2018	Yes	N.A	N.A

	Management” at Presented a Poster in						
11	National Conference	“Innovations in Sciences and Emerging Challenges in Health and Environment” (NSHE-2018)	Department of Chemistry, Daulat Ram College, University of Delhi	March 20, 2018	Yes	Poster presentat ion	N.A

23. Resource Person (Invited Lecture/Paper Presentation/ Chairing session/judging/ educational trips)

S.No	Type of Event	Name of Event	Venue	Date of Event	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of 12rogram 12ant t in the 12rogram e
1.	Faculty Development Programme	Industrial and Environmental Microbiology	Department of Botany , Daulat Ram College	19-20 March 2018	Resource Person	3 hrs	50
2.	In-House Skill Development Course	Chemistry at The Helm of Essential Oils, Cosmetics, Fragrances and Wellness	Department of chemistry, Daulat Ram College	28, May 2018 – 11, June 2018	Resource Person	4 hrs	45
3.	In-House Skill Development Course	Exploring Every Day Chemistry	Department of chemistry, Daulat Ram College	1, July 2019 – 15, July 2019	Resource Person	4 hrs	50
4.	Online Summer Internship Programme	Research Methodology For Chemistry	Department of chemistry, Daulat Ram College	16, May 2020 – 30, May 2020	Resource Person	9 hrs	115

5.	IN-HOUSE SKILL DEVELOPMENT PROGRAM	Enhancing Learning Through ICT Tools	Life Science Association, Daulat Ram College	19, August, 17-19 December, 2020.	Resource Person	4 days	100
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24. Awards Won

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

25. Extension Activity (Community related program)

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

26. Membership of Professional Bodies

S.No	Type of Membership	Organisation	Year of Membership
1.	member	Green Chemistry Network Centre	lifetime

Signature

Dr. Aditi Puri