




SLC (University of Delhi)
Shyam Lal College

NAAC A++

Faculty Profile



Title	Dr.	First Name	Aditi	Last Name	Puri	Photograph 
Designation	Assistant Professor					
Department	Chemistry					
Address	1005-E, Lohiya Gali No. 4, Babarpur, Shahdara-110032					
Email	aditi.puri@shyamlal.du.ac.in					
Web-Page						

Educational Qualification

Degree	Subject	University/ College/Institution	Year
Ph.D	Chemistry	University of Delhi	2016
M.Sc	Chemistry	University of Delhi	2009
B.Sc	Chemistry (H)	University of Delhi	2006
B.Ed	Education	University of Delhi	2010

Experience

	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effective time period
Teaching	Daulat Ram College	Adhoc	24-07-2015	01-06-2023	8 years
	Shyam Lal College	Permanent	02-06-2023	present	
Research / Corporate					
Consultancy					

Teaching-Learning Process (Academic Year 2022-23 Onwards)

Are You using ICT (LMS, E-Resources) ?	If yes, please give the details below:	
	Name	Total Numbers
E-Resources	videos, youtube videos, powerpoint presentation, online quizzes	
Techniques and Platforms	Google meet, MS teams, Zoom, Google classroom	

Career Advancement and Contribution to College Corporate Life (2022-23 Onwards)								
	Name of the Committee/ Centre/ Society/ Cell			Designation	From	To		
Convenor/Member of Committees	Help Desk Committee			member	2021	2022		
	Women Development Cell			member	2019	2021		
	Chemical Society			Staff advisor	2018	2022		
	Canteen Committee			member	2022	2023		
	Student amenities			member	2022	2023		
	Prize committee			member	2022	2023		
	Student Advisory Board			member	2017	2018		
	Computer Committee/ I.T. Committee			member	2023	2024		
	Academic Affairs & Monitoring Committee			member	2023	2024		
	Refreshment committee			member	Annual Day 2023	2024		
	Committee for NIRF			member	2023	2024		
	Committee for AQAR			member	2023	2024		
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)	International Conference on Green Chemistry and Environmental Sustainability (ICGC-2016)			Co-coordinator	17,18 Nov 2016			
Areas of Interest/Specialisation								
S.No.	Areas of Interest/ Specialisation							
1	Inorganic Chemistry							
2	Green Chemistry							
3	Solid State Chemistry							
4	Environmental Chemistry							
Subjects Taught								
S.No.	Subject			S.No.	Subject			
1	Atomic structure and chemical bonding			5	Organometallics and bioinorganic chemistry			
2	Chemistry of s, p and d block elements			6	Chemistry of cosmetics and perfumes			
3	Basic Analytical Chemistry			7	Novel inorganic solids			
4	Nuclear and Environmental Chemistry			8	Coordination Chemistry			
Publications: Citation Index in Scopus/Web of Science or Pub Med/ Indian Citation Index								
Title of Paper	Name of the Author	Title of the Journal	Year of Public ation	Citation Index	h- Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self- citations	Impa ct facto r, if any
Acetoacetanilide functionalized Fe ₃ O ₄ nanoparticles for selective and cyclic removal of Pb ²⁺ ions from different	R.K. Sharma, Aditi Puri, Yukti Monga, Alok Adholeya	Journal of Materia ls Chemis try A	2014	70	9.1	DU		14.5 11

charged wastewaters								
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.	R.K. Sharma, Aditi Puri, Yukti Monga, Alok Adholeya	Separation and Purification Technology	2014	20	9.1	DU		9.136
Diacetylmonoxime functionalized silica gel: An efficient and recyclable organic inorganic hybrid material for selective removal of copper from fly-ash ameliorated soil samples	R.K. Sharma, Aditi Puri, Anil Kumar, Yukti Monga, Garima Gaba, Alok Adholeya	Separation Science and Technology	2014	11	9.1	DU		2.495
Zirconium(IV)-modified silica@magnetic nanocomposites: Fabrication, characterization and application as efficient, selective and reusable nanocatalysts for Friedel–Crafts, Knoevenagel and Pechmann condensation reactions	R.K. Sharma, Yukti Monga, Aditi Puri	Catalysis Communications	2013	56	9.1	DU		3.51
Chemically modified silica gel with 1-{4-[(2-hydroxy-benzylidene)amino]phenyl}ethanone: synthesis, characterization and application as an efficient and reusable solid phase extractant for selective	R.K. Sharma, Aditi Puri, Anil Kumar and Alok Adholeya	Journal of Environmental Sciences	2013	21	9.1	DU		6.796

removal of Zn(II) from mycorrhizal treated fly-ash samples,								
Magnetically 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	R.K. Sharma, Yukti Monga, Aditi Puri	Journal of Molecular Catalysis A: Chemical	2014	92	9.1	DU		5.08
Magnetite (Fe ₃ O ₄) Silica based organic-inorganic hybrid copper(II) nanocatalyst: A platform for aerobic N-alkylation of amines	R.K. Sharma, Yukti Monga, Aditi Puri, Garima Gaba	Green Chemistry	2013	88	9.1	DU		11.03

Books and Chapters in Edited Volumes/Books published, and papers in National /International conference Proceeding per teacher during the Year

Title of Book/Paper/ Book Chapter	Publisher	National/International	Year
Chapter 14 Bioextraction: The interface of biotechnology and green chemistry, pp 435-457. Biomass Conversion: The Interface of Biotechnology, Chemistry and Materials Science, Edited By: Chinnappan Baskar, Shikha Baskar and Ranjit S. Dhillon.	Springer Publications,	International	2012
Chapter 2 Green materials for sustainable remediation of metals in water, 2013, pp 11-29. Green Materials for Sustainable Water Remediation and Treatment, Edited By: Anuradha Mishra and James H Clark.	RSC Publications,	International	2013
Chapter 6 Functionalized silica gel as green material for metal remediation, pp 105-134. Green Materials for Sustainable Water Remediation and Treatment,	RSC Publications,	International	2013

Edited By: Anuradha Mishra and James H Clark.			
Chapter 3 Green Chemistry Solutions to Water Pollution, pp 57-75. Water Reclamation and Sustainability, Edited By: Satinder Ahuja.	Elsevier Publications,	International	2014

Conference/ Seminar/ Symposium/ Workshop/ Presentation

Sr. No.	National/ International/state	Topic	Presentation/ Attended /Resource Person	Date	Durati on	
	International	Green Chemistry in Environmental Sustainability and Chemical Education (ICGC-2016)	Poster presented	Nov 17-18, 2016, Department of Chemistry, Daulat Ram College	2 days	<i>Conferences</i>
	National	Innovations in Sciences and Emerging Challenges in Health and Environment	Poster presented	March 20, 2018, Department of Chemistry, Daulat Ram College, University of Delhi	1 day	
	International	Sustainable Initiatives in Water Management	attended	March 06, 2018 at Manav Rachna University, Faridabad.	1 day	
	International	Development of Rural Biorefineries in India: From Waste to Wealth	attended	Feb 20, 2017, University of Delhi	1 day	<i>Workshops</i>
	International	Green Chemistry and Water Treatment	attended	Oct 17, 2017, Hotel Maidens, Delhi	1 day	
	National Online Summer Internship Programme	Research Methodology For Chemistry	attended	16-30 May 2020, Daulat Ram College	2 weeks	
	National Skill Development Course	Exploring Every Day Chemistry	Resource Person	1-15 June 2019, Chemistry Department, Daulat Ram College, University of Delhi	2 weeks	
	National In-House Skill Development Program	Enhancing Learning Through ICT	Resource Person	26-27 November, 2022, Chemistry Department,	2 days	

		Tools		Daulat Ram College, University of Delhi		
	National In-House Skill Development Program	Disease Prevention by Natural Remedies and Identification of active ingredients	Resource Person	20-27th December 2021, Department of Chemistry & Botany, Daulat Ram College under the aegis of Internal Quality Assurance Cell (IQAC)		
	National In-House Skill Development Program	Enhancing Learning Through ICT Tools	Resource Person	24-25 November, 2021, Department of Chemistry, Daulat Ram College, University of Delhi		
	National In-House Skill Development Program	Enhancing Learning Through ICT Tools	Resource Person	17-19 December, 2020, Life Science Association, Daulat Ram College, University of Delhi	4 days	

Research Projects/ Innovation Projects (Major Grants/Research Collaboration)

S.No.	Title of the Project	Funding Agency	Status/Output
1	DRC-04, Recycled Polyvinyl Alcohol (PVA) from E-waste and its of Delhi	Star Innovation Project: Delhi University	completed
2	DR-311 "Greener and Sustainable Approach to Control Water Pollution	innovation Project: Delhi University	completed

Research Guidance (Ph. D./ M. Phil.)

	No. of Ph.D. Students	No. of M.Phil. Students
Awarded		
Submitted		
Under Progress		

Fellowships/Awards /Distinctions/Recognitions

Year of Award	Name of the Fellowship/Award/ Distinction/ Recognition	Designation	Name of the Academic Bodies /Association	International /National/ State

Incentive to the teachers who receive recognition/awards

State		National		International	
Association with the Professional Bodies					
		Name of the Organisation		Year	
Membership		Green Chemistry Network Centre		lifetime	
Any Other					
Development of E-Learning Delivery Process/Material					
S.No.	Title of the Module			Recognized by/Submitted at/ Delivered at any government setup	
Refresher/ Orientation Programme/ FDP / Other Specialised Courses					
S.No.	Topic	Name of the Organiser		Place	Duration and Year
1	One-Month Online National Faculty Induction Programme/Orientation Course	Daulat Ram College, University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education.		Delhi	25th February to 27th March 2023
2	One-Week Online National Faculty Development Programme on "Quality in Higher Education and NEP-2020"	Guru Angad Dev Teaching Learning Centre, a Centre under PMMMNTT, Ministry of Education, Government of India		Delhi	07th June to 13th June 2023
3	Online one-week Faculty Development Program on "Academic Research Writing"	Institute of Home Economics, University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING		Delhi	08 – 14 July, 2023
4	Online two - week Interdisciplinary Refresher Course in "ADVANCED RESEARCH METHODOLOGY"	Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with Hindu College, Moradabad Affiliated to M. J. P. Rohilkhand University, Bareilly, and Gokul Das Hindu Girls College, Moradabad Affiliated to M. J. P.		Delhi	22 August – 05 September, 2023

		Rohilkhand University, Bareilly, under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING Programme		
5	Inaugural Ceremony of FDP NEP-2020: Pedagogical Imperatives of Higher Education	University of Delhi	Delhi	Dec 1, 2023
6	One Week Online Faculty Development Programme on “Recent Advances in Basic and Applied Sciences”	Department of Physics and Chemistry, Shyam Lal College, University of Delhi in collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING Programme		11th – 16th December, 2023

Declaration

I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge.

Dr. Aditi Puri

Signature with Full Name