



SLC (University of Delhi)

Shyam Lal College



NAAC A++

Faculty Profile

Tit le	Prof	First Name	Arkaja	Last Name	Goswami	Photograph
Designation	Professor					<i>Kindly insert your Photograph</i>
Department	Shyam Lal college ,Shahdara,University of Delhi-10032					
Address	233,Varun Apartments Sector -62,Noida					
Email	agoswami@Shyamlal.du.ac.in					
Web-Page						
Educational Qualification						
Degree	Subject	University/ College/Institution			Year	
Ph.D	Chemistry	DELHI UNIVERSITY			2002	
M.Sc	Inorganic Chemistry	Allahabad University			1996	
B.Sc	Botony,Chemistry	Allahabad University			1993	
Experience						
	Name of the University/ College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effecti ve time period	
Teaching	Shyam Lal college University of Delhi	Professor			Continu ation	
	Shyam Lal college University of Delhi	Associate Professor	2016			
	Shyam Lal college University of Delhi	Sr Assistant Professor	2008	2016	8.5yrs approx	
	Shyam Lal college University of Delhi	Assistant Professor	17th December 2004	15th July 2008	4yrs approx	
Teaching-Learning Process						

Are You using ICT (LMS, E-Resources)?	If yes, please give the details below:	
	Name	Total Numbers
E-Resources	All the data base provided by the University of Delhi	
Techniques and Platforms	Google classroom,Google meet ,Zoom,	

Career Advancement and Contribution to College Corporate Life

	Name of the Committee/ Centre/ Society/ Cell	Designation	From	To
Convenor/Member of Committees	. Science committee of Delhi University,	Member	2019	2022
	NAAC Steering Committee Shyamlal college University of Delhi ,	Member	2016	2018
	3. Debating Society ,	Convenor	2014	2017
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)	Student union advisory committee Shyamlal college University of Delhi,	Convenor	2014	2017
	Proctorial board Shyam Lal college, 2016	Convenor	2016	2019
	1. Policy recommendations for strengthening India ,	Member	2020	
	Governing body of shyamlal college University of Delhi ,	Member	2016	2017
	IQAC	Member	2016	2020
	Selection Committee Shyamlal college University of Delhi	Member	2015,2016,2019	
	Examination Committee	Member	2023	2025
	Moderation committee	Convenor	2015	2016
	Academic affairs and monitoring committee	Convenor	2020	2021

	Admission committee	Convenor	2015	2016
	Grievance Redressal cell Shyam Lal College University of Delhi,	Chairperson	2017	

Areas of Interest/Specialisation

S.No.	Areas of Interest/ Specialisation
1	Corrosion Science and Technology, Inhibition and inhibitor structures – co-relational studies, Inhibition of copper corrosion, Surface characterisation by ESCA and SEM, Nano layer deposition and its characterisation, Smart Electrochemical Materials for Energy and Sensing Devices, Chemical and Electrochemical growth of thin films Semiconducting Nano Materials for environment Electrochemical Energy, Conversion and Storage Advanced Carbon and Conducting polymer-based Nano-composites
2	Complimentary medicine

Subjects Taught

S.No.	Subject	S.No.	Subject
1	Coordination chemistry	4	Ayurveda and nutrition
2	Organometallic chemistry		
3	Forensic sciences		

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 Publication	Citation index / citation indicator	h-Index Of Journal	International affiliation as mentioned in the publication	Number of citations excluding self-citations	Impact factor, if any
Corrosion inhibition of mild steel by ethyltriphenylphosphoniumiodide in acid medium	Arkaja Goswami v.Sharma	Journal of the Indian chemical society	2014	0.43 Scopus	35	Elsevier		0.28
Corrosion inhibition of mild steel by pentyltriphenylphosphoniumbromide in acid medium - Part-II	Arkaja Goswami v.Sharma	Journal of the Indian chemical society	2014	0.43 Scopus	35	Elsevier		0.28
Chemistry for harmonious development and a sustainable future	Arkaja Goswami, Divya Mathur	Current sciences	2017	Scopus	137	Indian academy of sciences		0.853

Enhanced Antimicrobial activity and photo remediation of toxic dyes using Ag/SWCNT/PPy based nano composite with core shell structure	Amanveer singh, Arkaja Goswami,sonia nain	Applied Nano sciences	2020	0.53 Scopus	80	Springer	21	4.604
CORROSION INHIBITION OF MILD STEEL BY HEXYLTRIPHENYLPHOSPHONIUM IODIDE IN ACID MEDIUM ACID MEDIUM	Arkaja Goswami v.Sharma	Journal of the Indian chemical society	2020	0.43 Scopus	35	Elsevier		0.28
Synthesis of Ag nanoparticle supported graphene multi-walled carbon nanotube based nanohybrids for photodegradation of toxic dyes	Amanveer singh Surjeet Chahal Arkaja Goswami Sonia Nain Heena Dahiya	Material express	2021	0.14 Scopus	64	American scientific publisher	5	1.528
Efficient degradation of methylene blue dye and antibacterial performance of shape controlled RuO ₂ nano composites	Amanveer singh Sonia nain Arkaja Goswami surjeet chahal Vikas kaushik	Chemistry select	2021	0.34 Scopus	59	Wiley	10	2.10
Synthesis and applications of bicyclic sugar modified locked nucleic acids: A review	Goswami, A., Prasad, A.K., Maity, J., ...Khaneja, N.	Nucleosides , Nucleotides and Nucleic Acids	2022	0.26 Scopus	53	Taylor and Francis	5	1.449
A simple and cost-effective synthesis of graphene oxide stabilized glucose-capped copper oxide nanoparticles and its antibacterial properties	Singh A.;Gautam A.;Chauhan N.;Dureja V.;Kaushik S.;Kashyap S.;Verma S.;Dabral H.;Goswami A.;Singh S.P.;Kushwaha H.R.	Journal of Material research	2023	0.44 Scopus	165	Springer		2.7

. Impact of Variable Metal Oxide Loadings on Photocatalytic and Antibacterial Behaviour of CNT-NiO Nanocomposites Bionanoscience, Volume ,	Amanveer singh, Sonia nain, Arkaja Goswami, Vinay Kumari, Vikas kaushik	Bionanoscien ces	2023	0.48 Scopus	44	Springer	3	3.0
Development of a New Methodology for Extraction and Analysis of Pesticides, Drugs, Heavy Metals and Various Toxins from Viscera Samples	Goswami, A., Kanojia, R., Jaiswal, A.K., ...Bhagat, S.	Toxicolog y Internatio nal	2023	Scopus	34	Informatics Journal	1	5.56

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
Environment and Harmonious Development	Guiding star digital publisher	National	2016
Material Nanosciences		International	2016
Synthesis and Antimicrobial activity of novel 1,2,3 -Triazole Conjugated Coumarins	Guiding star digital publisher	National	2016

Conference/ Seminar/ Symposium/ Workshop/ Presentation

Sr. No.	National/ International/state	Topic	Presentation/ Attended /Resource Person	Date	Duratio n
1	International	Corrosion restriction properties of mild steel via schiff base in 0.5 M sulphuric acid	Presentation	2015	25 minutes
2	International	HOMA THERAPY: Scientific Truths of an Old Tradition	Presentation	2016	20 minutes

3	International	Nickle- Schiff base complex catalyzed one pot synthesis of 2,4,5-trisubstituted imidazole and its future application ascorrosion inhibitor	Presentation	2017	25 minutes	
4	International	Green corrosion inhibitors:Using a blend ofAloe Vera combined with wheat grass extract as a corrosion inhibitor for metals	Presentation	2017	30 minutes	
5	National Seminar	SEMINAR ON PERMANENT MEMBERSHIP IN UNSC (CONVENOR)	Resource Person	2014	30 minutes	
6	National	National conference in Chemistry 2016	Convenor and Resource person	2016	30 minutes	
7	National	Research Methodology in chemistry	Resource person	2020	30 minutes	
8	International	Current trends in chemical sciences for sustainable living	Chairperson/ member of Advisory committee	2024		
9	National	Innovation in sciences n emerging challenges in Health and Environment NSHE-2018	Invited Lecture / Judge oral session	2018		
10	National	Green ChemistryEducation: Frm classroom to industries	Presentation	2019	15	
11	National	Skill development in science and technology (SMART CITY,SOIL HELTH CARD,BIODIESEL, NANOPARTICLES INCLUDIND SOLAR PANEL,DNA IN FORENSIC SCIENCE) REPORT PUBLSH IN NEWS PAPERS	Resource Person	2015	30 minutes	

12	National	Seminar Convention on 2016 "AWAKEN TO YOUR LIFE PURPOSES"(CO NVENOR)	Resource Person	2016	30 minutes
13	National	Technology Outreach as an enabler for inclusive and sustainable development	Presentation	2019	30 minutes
14	National	Quality Advancement in Teaching & Learning towards Academic Excellence	Organising member	2019	

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

	No. of Ph.D. Students	No. of M.Phil. Students
Awarded	1	

Fellowships/Awards /Distinctions/Recognitions

Year of Award	Name of the Fellowship/ Award/ Distinction/ Recognition	Designation	Name of the Academic Bodies /Association	International / National/ State
2017	OUTSTANDING CONTRIBUTION IN REVIEWING		ELSEVIER,AMSTERDEM,NETHERLAND	International
1993	Best Orator		Uttar Pradesh	State
1989	ALL INDIA GENERAL KNOWLEDGE COMPETITION, Secure II nd position			National

Association with the Professional Bodies

	Name of the Organisation	Year
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Membership	Royal society of london	2022		
Any Other	JOURNAL OF COMPLIMENTARY AND TRADITIONAL MEDICINE	2017		
Refresher/ Orientation Programme/ FDP / Other Specialised Courses				
S.No.	Topic	Name of the Organiser	Place	Duration and Year
1	Orientation Program	CPDHE DU	Delhi	June 9th to July 6 2009
2	Sciences with lens of scientific & Technical Terminology	Shyamlal college DU	Delhi	29/30 01/2020
3	ILLL workshop on capacity building	Institute of lifelong learning	Delhi	7th April to 16 th April 2010
4	Empowering women in chemistry AGlobal Networking Event(IUPAC)	Miranda House DU	Delhi	12 th Feb 2019
5	Refresher course in Environmental sciences	CPDHE	Delhi	13th October to 4th November
6	Refresher course in chemistry	JNU	Delhi	2nd January 2017 to 27th January 2017
7	FACULTY DEVEIOPMENT PROGRAMME	Shyamlal college DU	Delhi	10th December 2018 to 16th December 2018
8	FACULTY DEVELOPMENT PROGRAMME	Daulat Ram college DU	Delhi	15 th June to 22nd June
9	INTERNATIONAL WINTER SCHOOL	Shyamlal college DU	Delhi	3rd march 2017 to 7th march 2017

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.

A handwritten signature in black ink, appearing to read 'Arkaja Goswami', written in a cursive style.

Prof Arkaja Goswami

Signature with Full Name