



# SLC (University of Delhi) Shyam Lal College

NAAC A++



## Faculty Profile

Title	First Name	Last Name	Photograph
Designation	Assistant Professor		<i>Kindly insert your Photograph</i>
Department	Botany		
Address	B-126, Assotech The nest, Crossing Republic Ghaziabad-UP		
Email	szutshi@shyamlal.du.ac.in		
Web-Page			

### Educational Qualification

Degree	Subject	University/ College/Institution	Year
Graduation	B.Sc. (G)	Jammu University	2000
Post-Graduation	M. Sc. Environmental Botany	Hamdard University, New Delhi	2003
Ph.D	Phycology, Environmental Biotechnology	Jamia Millia Islamia University, New Delhi	2009

### Experience

	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effective time period
Teaching	Shyam Lal college	Permanent	5-3-24	Till date	11 days
	Shyam Lal college	Adhoc	29-8-2012	4-3-2024	11 years 6months
Research/ Corporate	CSIR	Research Associate	1-4-2010	31-3-2012	2 years
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		
Techniques and Platforms		

### 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	Eco-club	Coordinator	July 2022	Till date
	Garden Committee	Member	July 2022	June 2023
	Garden Committee	Special Invitee	July 2023	Till date

	Time table committee	Member	July 2023	Till date
	UBA	Member	July 2022	Till Date
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)				

### Areas of Interest/Specialisation

S.No.	Areas of Interest/ Specialisation
1	Phycology
2	Environmental Biotechnology
3.	Indian Knowledge System

### Subjects Taught

S.No.	Subject	S.No.	Subject
1	Introduction to Environmental Studies-I		
2	Introduction to Environmental Studies-II		
3	Organic Farming		
4	Nursery, gardening and Landscaping		

### 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	h-Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations	Impact factor, if any
Effect of heavy metal stress on proline, malondialdehyde and superoxide dismutase activity in the Cyanobacterium <i>Spirulina plantensis</i> -S5.	Meenakshi Choudhary, U. K. Jetley, Abash Khan, Sunaina Zutshi and Tasneem Fatma.	Ecotoxicology and Environmental safety	2007					
Evaluation of Antioxidant Defence Responses to Lead Stress in <i>Hapalosiphon fontinalis</i> -399	Sunaina Zutshi, Meenakshi Choudary, Naveen Bharat, M.Z. Abdin and Tasneem Fatma.	Journal of Phycology	2008					
Biochemical	Habib K,	Bull	2011					

effect of carbaryl on oxidative stress, antioxidant enzymes and Osmolytes of Cyanobacterium Calothrixbrevisima.	Kumar S, Manikar N, Zutshi S, Fatma T.	environ contam toxicol						
Chromium (VI) induced oxidative stress in <i>Hapalosiphon fontinalis</i> .	Fareha Bano, Sunaina Zutshi & Tasneem Fatma.	World Journal of Microbiology and Biotechnol.	2012					
Screening of Photosynthetic O <sub>2</sub> -Evolving Prokaryotes for an Insulin-Like Antigen.	Samia khursheed, Razique Anwer, Sunaina Zutshi & Tasneem Fatma.	J. Phycol.	2012					
Exogenous Osmolytes suppresses the toxic effects of malathion on <i>Anabaena variabilis</i> .	Ningthoujam M, Habib K, Bano F, Zutshi S, Fatma T.	Ecotoxicology and Environmental Safety	2013					
Metabolic adaptation to arsenic induced oxidative stress in <i>Hapalosiphon fontinalis</i> -339.	Sunaina Zutshi, Fareha Bano, Manikar Ningthoujam, Khalid Habib & Tasneem Fatma.	International Journal of Innovative Research in Science, Engineering and Technology	2014					

**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
The Algae World Book Chapter: Cyanobacteria	springer	International	2016
Responses of <i>Cassia angustifolia</i> Vahl. to flyash amended soil	Lambert Academic publisher	International	2018

#### Conference/ Seminar/ Symposium/ Workshop/ Presentation

Sr. No.	National/ International/state	Topic	Presentation/Attended /Resource Person	Date	Duration	
						Conferences
						Workshops

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

S.No.	Title of the Project	Funding Agency	Status/Output

#### 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
2010	Post Doc	Research associate	CSIR	National

#### Incentive to the teachers who receive recognition/awards

State	National	International

#### Association with the Professional Bodies

	Name of the Organisation	Year
Membership		
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

**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.

**Signature with Full Name**