




# SLC (University of Delhi) Shyam Lal College



NAAC A++

## Faculty Profile

<b>Title</b>	Dr.	<b>First Name</b>	Sudhir Kumar	<b>Last Name</b>	Yadav	<b>Photograph</b> 
<b>Designation</b>	Assistant Professor					
<b>Department</b>	Mathematics					
<b>Address</b>	Village- Ritoli, Post Office- Gazipur, District- Bulandshahar, Uttar Pradesh, Pin-203205					
<b>Email</b>	<a href="mailto:skymath@shyamlal.du.ac.in">skymath@shyamlal.du.ac.in</a>					
<b>Web-Page</b>						

### **Educational Qualification**

Degree	Subject	University/ College/Institution	Year
B. Sc.	Physics, Chemistry, Mathematics	Ch. Charan Singh University , Meerut	2003
M.Sc.	Mathematics	Ch. Charan Singh University , Meerut	2005
CSIR-NET	Mathematics	CSIR HRDG Examination Unit , New Delhi	2006
Ph.D.	Fluid Dynamics	Ch. Charan Singh University , Meerut	2015

### **Experience**

	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effective time period
Teaching	GL Bajaj Institute of Management & Technology , Greater Noida	Lecturer	10-08-2007	13-12-2007	
	IEC College of Engineering & Technology, Greater Noida	Sr. Lecturer	11-08-2008	19-08-2010	
	Accurate Institute of Management & Technology , Greater	Associate Prof.	20-08-2010	14-06-2017	

	Noida				
	IEC College of Engineering & Technology, Greater Noida	Associate Prof.	15-06-2017	30-07-2018	
	Gautam Buddha University, Greater Noida	Faculty on Contract	01-08-2018	30-06-2022	
	Shyam Lal College, University of Delhi	Asst. Prof, Permanent	27-03-2023	Till date	
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					
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	Garden Committee	Member	2023-24	
	Canteen Committee	Member	2023-24	
	Ambedkar study circle	Member	16/10/2023	Till date
	Unnat Bharat Abhiyan	Member		
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)	International Conference on Advances in Pure and Applied Mathematics (ICAPAM) Vision India@2047	Coordinator	08.02.2024	10.2.2024
	Floor management Committee for the 59 <sup>th</sup> Annual Day	Member	21.10.2023	2023-24

### Areas of Interest/Specialisation

S. No.	Areas of Interest/ Specialisation
1	Fluid Dynamics
2	Operations Research
3.	

### Subjects Taught

S. No.	Subject	S. No.	Subject
1	Probability and Statistics	5	Fundamental of Calculus

2	Bio-Statistics	6	Elementary Linear Algebra
3	Operations Research	7	Abstract Algebra
4	Mathematical Methods for Economics	8	Engineering Mathematics-I,II

**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
Stability of Superposed Viscoelastic (Walter's B) Fluids in the presence of suspended particles through Anisotropic Porous medium	S.K. Yadav, A. Goel, R. Goel, and A. Agarwal	International Journal of Stability and Fluid Mech.	2013					
Rayleigh Taylor Instability of Rivlin–Ericksen Elastico-viscous Fluid through Porous medium	S.K. Yadav, A. Goel, R. Goel, and A. Agarwal	International Transaction in Applied Sciences	2013					
Thermal Instability in Anisotropic Porous Medium Layer Saturated by a Nanofluid: Brinkman Model'	S.K. Yadav, A. Goel, R. Goel, and A. Agarwal	Aryabhatta Journal of Mathematics & Informatics	2015					
Stability	S.K.	Mathe	2015					

Analysis of a Maxwell Fluid in Anisotropic Porous Medium Heated from Below''	Yadav, A. Goel, R. Goel, and A. Agarwal	matica I Scienc es Intern ationa l Resear ch Journa l						

**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

**Conference/ Seminar/ Symposium/ Workshop/ Presentation**

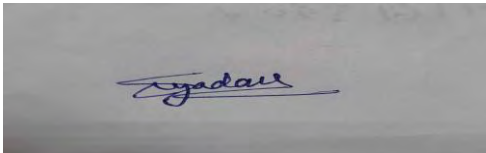
Sr. No.	National/ International/state	Topic	Presentation/Attended /Resource Person	Date	Duration	Conferences
1	National Conference	Recent Trends in the Advancement Of Astronomy and Applied Mathematics	Paper Presentation	14-15 Nov 2009	Two Days	
2	National Seminar	Recent Trends in the Advancement Of Mathematical and Physical Sciences	Paper Presentation	17-18 March 2012	Two Days	
3	National Seminar	Recent Trends in the Advancement Of Mathematical and Physical Sciences	Paper Presentation	30-31 jan 2010	Two Days	
4	National Seminar	Interdisciplinary Approach of	Attended	October	Two Days	



	“ADVANCED RESEARCH METHODOLOGY”	University of Delhi		05.06.2023
3.	Application of Techniques/Tools in Engineering	Gautam Buddha University, Greater Noida	Greater Noida	09-10-2017 to 14-10-2017
4.	“Ethics Of Sustainable Technologies in Energy And Environment”	Galgotias College of Engineering & Technology, Greater Noida	Greater Noida	07-05-2018 to 11-05-2018
5.	Application of Techniques/Tools in Engineering	Gautam Buddha University, Greater Noida	Greater Noida	25-03-2019 to 30-03-2019

### 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**