



Faculty Profile

Title:	Dr.	First Name: Subodh	Last Name: Kumar
Designation:	Associate Professor		
Department:	Mathematics		
Address:	Shyam Lal college, Department of Mathematics, Shahdara, Delhi-110032		
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Web-Page:			



Educational Qualifications (from Bachelor's Degree):			
Degree	Subject	University/ College/Institution	Year
B.Sc.	Mathematics	CCS University, Meerut, U.P. India	2003
M.Sc.	Mathematics	CCS University, Meerut, U.P. India	2005
Ph. D.	Coding Theory	University of Delhi	2021

Experience:					
	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effective Time Period (More than 15 years)
Teaching	Dyal Singh College, University of Delhi	Adhoc	08-03-2007	15-07-2008	11 months 13 days
	Shyam Lal College, University of Delhi	Permanent	16-07-2008	Till Today	14 years 7 months (March 2023)
Research/ Corporate					
Consultancy					

Teaching - Learning Process (During the Academic Year 2020-2021)		
Are You using ICT (LMS, E-Resources)?	If Yes, Please give the details below:	
	Name	Total Numbers
E- Resources		
Techniques and Platforms	Online teaching using Google meet platform	

Career Advancement and Contribution to College Corporate Life (Last three years till June 2021):				
	Name of the Committee/ Centre/ Society/ Cell	Designation	From	To
Convenor/Member of Committees	Time Table Committee, Sports Committee	Member	July,2018	June,2019
	Admission Committee(Science), Time Table Committee, Sports Committee	Member	July,2019	June,2020
	Time Table Committee, Garden Committee	Member	July,2020	June,2021
Any Other Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)				

Areas of Interest/Specialisation:	
S.No.	Areas of Interest/ Specialisation
1	Algebra
2	Coding Theory

Subjects Taught (During the Academic Year 2020-2021)			
S.No.	Subject	S.No.	Subject
1	Calculus and Matrices	2	Calculus and Geometry
3	Algebra	4	Real Analysis

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	
Repeated Burst Error Correcting Linear codes over GF(q), q≥2	Subodh Kumar and V. K. Tyagi	Communications in Computers and Information Sciences	2018						Before June 2019
Blockwise and Low Density Key Error Correcting Codes	Subodh Kumar and Pankaj Kumar Das	International Journal of Mathematical, Engineering and Management Sciences	2020						July 2019 - June 2020

Bounds on linear codes	Subodh	Proyecciones Journal of Mathematics	2020						July 2020-June 2021
Location and weight distribution of key errors	Subodh Kumar	Matematički Vesnik	2021						
Repeated restricted burst error	Subodh	Malaya Journal of Matematic	2021						

Books and Chapters in edited Volumes/Books published, and paper in National /International conference Proceeding per teacher during the Year				
Title of Book/Paper/ Book Chapter	Publisher	National/International	Year	
				Before June 2019
				July 2019 - June 2020
				July 2020- June 2021

Conference/ Seminar/ Symposium/ Workshop/ Presentation:						
Sr. No.	National/ International/state	Topic of the Conference/Seminar/Workshop	Paper Presentation/Attend/ Resource Person	Date	Duration	
1	International Conference	International Conference on Mathematics and Computing	Repeated Burst Error Correcting Linear Codes Over GF(q); q=3		9-11 January,	Before June 2019
2	International Conference	International Conference on Applicable Mathematics	Blockwise Repeated Burst Error Correcting Linear Codes			
						July 2019 -June 2020
	National Conference	Application of Mathematical Tools in Social Sciences and Sciences	Bounds on Low Density Key Error and Blockwise		17-18 Oct.	July 2020- June 2021

Research Projects/ Innovation Projects (Major Grants/Research Collaboration):			
S.No.	Title of the Project	Funding Agency	Status/Output

Research Guidance (Ph. D./ M. Phil.):	
Awarded	No. of Ph.D. Students

Fellowships/Awards /Distinctions/Recognitions:				
Year of Award	Name of the Fellowship/Award/ Distinction/ Recognition	Desination	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:		
Membership	Name of the Organisation	Year
Any Other		

Development of E-Learning Delivery Process/Material:		
S.No	Title of the Module	Recognised 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	Two week online FDP on "ICT Based New Paradigms of E-Teaching and E-Learning : Digital Pedagogy"	Mata Sundri College, DU	Online	15 Sep. 2020 to 30 Sep. 2020
2	Two week online FDP on "Research Methodology"	Ramanujan College	Online	01 Oct. 2020 to 15 Oct. 2020
3	Two week online FDP on "Advanced Research Methodology Tools and Techniques"	Ramanujan College	Online	30 Jan. 2021 to 14 Feb. 2021

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

Subodh Kumar
Signature with Full Name