

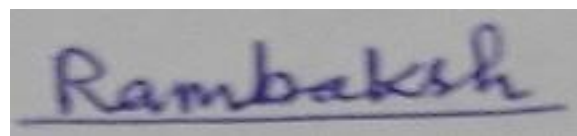


DEPARTMENT OF MATHEMATICS
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	Mr	First Name	Ram	Last Name	Baksh	Photograph
Designation		Assistant Professor				
Address		3/62, Old Double Storey, Lajpat Nagar-4 New Delhi-110024				
Phone No	Office	NA				
Residence		8178766164				
Mobile		NA				
Email		rambaksh.maths@dsc.du.ac.in				
Web-Page		http://dsc.du.ac.in/faculty/				
Educational Qualifications						
Degree		Institution			Year	
Ph.D(Pursuing)		JMI, New Delhi			2021(Admission)	
M.Tech(CSDP)		IIT Kharagpur			2012	
M.Sc(Mathematics)		BHU Varanasi			2008	
Career Profile						
Teaching Experience		Undergraduate Level: 11 Years				
Administrative Assignments (From 1 st July 2020 onwards)						
Member ECO Club(2023-24)						
Member Garden Committee(2023-24)						
Member Canteen Committee(2024-Till Date)						
Convener Department Practical Committee(2023-Till Date)						
Areas of Interest / Specialization						
Cryptography						
Subjects Taught						
Undergraduate Level: Differential Equations, Numerical Analysis, Real Analysis, Calculus, Algebra						
Research Guidance						
NA						
Publications Profile (From 1 st July 2019 onwards)						
<ol style="list-style-type: none"> 1. Itoo, Samiulla, Lalit Kumar Som, Musheer Ahmad, Ram Baksh, and Faheem Syeed Masoodi. "A robust ECC-based authentication framework for energy internet (EI)-based vehicle to grid communication system." <i>Vehicular Communications</i> 41 (2023): 100612. 2. Baksh, Ram, Samiulla Itoo, and Musheer Ahmad. "A comprehensive and secure scheme for privacy-preserving smart meter data aggregation in the smart grid." <i>Sustainable Energy, Grids and Networks</i> 39 (2024): 101461. 						

Conference Organization/ Presentations (From 1 st July 2019 onwards)
<ol style="list-style-type: none"> 1. Participated and presented a research paper online entitle ‘A Study of Authenticated EHR Framework using Blockchain Technology for IOMT’ in the National Conference on Mathematical Techniques and Applications organized by Mahatma Gandhi Mahavidyalaya, Ahmedpur Maharastra. 2. Participated and presented a research paper online entitle ‘An Improved Lightweight Authentication Protocol for Smart Grid Communication System using Elliptic Curve Cryptography and Blockchain Technology’ in the International Conference on Applied and Industrial Mathematics(ICAIM-2023) organized by Sharda University, India. 3. Participated and presented a research paper online entitle ‘Robust ECC -based Authentication Framework for Smart Grid’ in the International Conference on Advances in Pure and Applied Mathematics(ICAPAM-2024) organized by Shyam Lal College(University of Delhi),New Delhi, India.
Research Projects (Major Grants/Research Collaboration) (From 1 st July 2019 onwards)
NA
Awards and Distinctions (From 1 st July 2019 onwards)
NA
Association With Professional Bodies
NA
Other Activities like MOOCs/ Patents etc. (From 1 st July 2019 onwards)
NA



Signature of Faculty Member