



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



Title	Mr.	First Name	Probhat	Last Name	Pachung	Photograph
Designation	Assistant Professor					
Address	Dyal Singh College Lodhi Road Pragati Vihar New Delhi 110003					
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Residence	91-8638255630/8133086370					
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Web-Page	http://dsc.du.ac.in/faculty/					
Educational Qualifications						
Degree	Institution				Year	
Ph.D. Mathematics (Persuing)	South Asian University, New Delhi				2020- onwards	
M.Sc Mathematics	IIT Ropar, Punjab				2018-2020	
B.Sc.(H) Mathematics	Dergaon Kamal Dowerah College Dibrugarh University				2015-2018	
Intermediate(Class XII)	Dergaon Kamal Dowerah College AHSEC				2013-2015	
Career Profile						
Administrative Assignments (From 1 st July 2017 onwards)						
Areas of Interest / Specialization						
Optimization, Swarm and Evolutionary Algorithms, Drone Swarm						
Subjects Taught						
Calculus, Elementary Linear Algebra, ODE, Probability and Statistics, Algebra						
Research Guidance						
Publications Profile (From 1 st July 2017 onwards)						
<ol style="list-style-type: none"> Pachung, Probhat, and Jagdish Chand Bansal. "An improved tangent search algorithm." <i>MethodsX</i> 9 (2022): 101839. Yadav, N., Pachung, P., Agrawal, V., & Bansal, J. C. (2022, June). Blended selection in Ant Colony Optimization for solving Travelling Salesman Problem. In <i>2022 IEEE World Conference on Applied Intelligence and Computing (AIC)</i> (pp. 782-787). IEEE. 						
Conference Organization/ Presentations(From 1 st July 2017 onwards)						

1. Participated as session chair/coordinator in the international conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2022), BITS Pilani, K K Birla Goa Campus, India, 23-25 September, 2022.
2. Attended one-week FDP on "Recent Research Area and its Applications in Mathematics", Vel Tech Multi Tech, Engineering College, India.
3. Attended the webinar on Swarm Intelligence based Optimization Algorithms, Indian Institute of Information Technology, Kottayam, India, 2nd September 2022.
4. Participated as session coordinator in the Congress on Smart Computing Technologies (CSCT 2022), Soft Computing Research Society, India, 11-12 December, 2022.
5. Participated as session chair in the 6th International Joint Conference on Advances in Computational Intelligence on Emerging Technologies, SCRIL, South Asian University, India, 15-16 October, 2022.
6. Attended one week STTP Under TEQIP-III on Computational Intelligence & Its Applications, Engineering College, Ajmer, Rajasthan, 19-23 October, 2020.
7. Attended one week "International Workshop on SCOPUS, Peer Reviewed Journal and UGC CARE List Free Publication Process", Eudoxia Research Centre and Eudoxia research University -USA, 27th September -1st October, 2022.
8. Attended two week FDP on Computer Algebra System, Mahatma Hansraj Faculty Development centre, Hansraj College, University of Delhi, 22nd March -3rd April, 2023.

Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)
Awards and Distinctions (From 1st July 2017 onwards)
Association With Professional Bodies
Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards)



Signature of Faculty Member