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

Title	Dr.	First Name	HARENDRA	Last Name	YADAV	Photograph
Designation						
Address		H.No. 19, Gali No. 1, Sona Colony, Sehatpur, Sec-91, Faridabad- 121003				
Phone No Office						
Residence		9368412219				
Mobile						
Email		harendrayadav.maths@dsc.du.ac.in				
Web-Page		http://dsc.du.ac.in/faculty/				

Educational Qualifications

Degree	Institution	Year
Ph.D	CCS University	2023
M.Sc	CCS University	2010
B.sc	CCS University	2006

Career Profile

Jan 2023-Present- Assistant Professor- Dyal Singh College- University of Delhi, Delhi, India

Administrative Assignments (From 1st July 2018 onwards)

NA

Areas of Interest / Specialization

Fuzzy Reliability

Subjects Taught

Real analysis, Elements of discrete mathematics, topics in calculus, Latex, Linear algebra

Research Guidance

NA

Publications Profile

(Mention total no. and details from 1st July 2018 onwards only)

1. *"Fuzzy reliability analysis of heating fans using Mediative fuzzy logic". (International organization of scientific research, IOSR Journal of Engineering, June 2019).*
2. *"Posfust reliability of a non-repairable multi-state system with posfust failure rate estimation". (Journal of engineering and exact sciences, June 2020).*
3. *"Fuzzy reliability evaluation of complex systems with Monte Carlo simulation", (AIP Conference Proceedings,2021).*

4. *"Fuzzy reliability analysis of a multi-state chiller system based on modern analytics", (Journal of international academy of physical sciences, March 2022).*
5. *"A fuzzy decomposable approach for posfust reliability evaluation of a repairable substation automation system", (Springer nature Singapore Pvt Ltd, Book tittle- Advances in mathematics modelling, Applied analysis and computation, Oct 2022).*

Conference Organization/ Presentations (From 1st July 2018 onwards)

1. *"Reliability evaluation of a complex system having fuzzy states" in national seminar on "Mathematical modelling, optimization and scientific computing", 23 Feb 2019, Hindu girls college, Sonipat, Haryana.*
2. *"Fuzzy reliability analysis of washing machine using fuzzy logic" in international conference (CONIAPS-24, 09-11 Aug 2019, Ch. Charan Singh University, Meerut).*
3. *"Fuzzy reliability of a multi-state system using fuzzy universal generating function" in international conference (Advances and applied mathematical sciences-ICAAMS, 26-27 Feb 2022, Tiruvannamalai, Tamilnadu).*
4. *Workshop on "Fuzzy logic, optimization and soft computing in the context of artificial intelligence, 12-18 Feb 2022, Department of Mathematics, CCS University, Meerut.*

Research Projects (Major Grants/Research Collaboration) (From 1st July 2018 onwards)

NA

Awards and Distinctions (From 1st July 2018 onwards)

NA

Association With Professional Bodies

NA

Other Activities like MOOCs/ Patents etc. (From 1st July 2018 onwards)

1. **"How to create your own MOOCS"** Organized by Ramanujan College (TLC) from 15 June-21 June 2023.
2. 4-Week Faculty Induction/Orientation Programme for **"Faculty in Universities/Colleges/Institutes of Higher Education"** from 22 June - 21 July, 2023.

Signature of Faculty Member