




## Faculty Details Proforma For College Web-site



Title	Dr	First Name	Umesh	Last Name	Kumari	Photograph
<b>Designation</b>	Assistant Professor					
<b>Address</b>	Gurugram, Haryana					
<b>Phone No. Office</b>						
<b>Residence</b>	Gurugram					
<b>Mobile No.</b>	Confidential					
<b>Email - ID</b>	umesh@dr.du.ac.in					
<b>Web Page</b>						
<b>Educational Qualification</b>						
<b>Degree</b>	<b>Institution</b>				<b>Year</b>	
B.Sc.	MDU Rohtak				2011	
M.Sc.	Banasthali University, Rajasthan				2013	
M.Phil.	MDU, Rohtak				2017	
PhD	Central University of Rajasthan, Ajmer				2022	
CSIR JRF	CSIR, Delhi				2017	
<b>Career Profile</b>						
I have started my career as Assistant Professor in Daulat Ram College since October 2022						
<b>Administrative Assignments</b>						
1. Admission Grievance committee member of B. Sc.(H) for the academic year 2023-24 2. Member of Prize Committee for the academic year 2022-23						
<b>Areas of Interest / Specialization</b>						
Graph Theory, Fuzzy Graph Theory, Queueing Theory						

**Subjects Taught**

Group Theory, Linear Algebra, Riemann Integration and Series of Functions, Vedic Maths, Probability and Statistics, Algebra.

**Research Guidance****Publications Profile**

1. Optimal parameter selection for a machine repair system with servers' vacation and controlling f-policy in Jordan Journal of Mathematics and Statistics (JJMS) (2020) (JJMS) 12(4), 2020, pp 625 – 642(Scopus)
2. Cost Analysis and Optimization of Machine Repair Model with Working Vacation, and feedback policy in International Journal of Applied and Computational Mathematics 7, Article number: 250 (2021). (Scopus)
3. Performance Analysis of a Machine Repair Problem with Warm Standbys, Servers Vacation and Controlling F in Mathematics in Engineering, Science and Aerospace Vol. 12, No. 2, pp. 1-21, 2021(Scopus)
4. Fuzzy Analysis of a retrial Machine repair Problem using gaussian fuzzy number (Accepted in Palestine Journal of Mathematics). (Scopus)

**Conference Organization / Presentation (in the last three years)**

1. International Conference on Applied Nonlinear Analysis and Soft Computing Organized by Department of Mathematics, Gauhati University, Gauhati781014, India, 22-23 December 2020.
2. Online International Conference on History and Development of Mathematics (ICHDM 2020) organized by Department of Mathematics, Mdu Rohtak, Haryana, India, December 2020.
3. 1<sup>st</sup> International Conference on Indian Science Congress Association (ICSTRD2020) –Rohtak chapter on Science and Technology: Rural Development organized by Department of Chemistry, Mdu Rohtak, Haryana, India March 4-5, 2020.
4. International Webinar on Modern nature inspired optimization Techniques (MNIOT) Organized by Department of Mathematics Indira Gandhi Tribal University (IGNTU), Amarkantak, M.P India January 24- 25, 2021.
5. International Webinar Series on “Application of Stochastic Models and Queueing Theory” Organized by Department of Mathematics, Central University of Rajasthan, October 11- Nov 11, 2021.

6. 27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) On Recent Advances in Solid Mechanics and Seismology Organized by Department of Mathematics, Kurukshetra University, Kurukshetra, Haryana, India October 28, 2021.
7. Advanced Training in Mathematics Annual Foundation School (AFS-II) Central University of Rajasthan December 03-29,2018.
8. International Conference on "Recent trends in Applied and Physical Sciences using Machine Learning" ICRT-2023.
9. Completed Two-week Faculty Development Program organised by organized by Mahatma Gandhi Vidyamandir's Loknete Vyankatrao Hiray Arts, Science and Commerce College, Nashik and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, from 16<sup>th</sup> to 28<sup>th</sup> January 2023.
10. Completed a 4-Week Faculty Induction/Orientation Programme organised by Teaching Learning Centre Ramanujan College, University of Delhi, under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 20<sup>th</sup> February to 21<sup>st</sup> March.
11. Completed One Week (Online) Faculty Development Programme on "Significance of Vedic Mathematics in Modern Era" (5th December– 10th December, 2022) organised by Aryabhata College, University of Delhi in collaboration with Shiksha Sanskriti Utthan Nyas & Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi
12. Resource Person in the two-day In-House Skill Development Program on "Enhancing Learning through ICT Tools", Organised by the Department of Mathematics, Daulat Ram College, University of Delhi from 26-27November,2022.

---

<b>Research Projects (Major Grants/Research Collaboration)</b>
<b>Awards and Distinctions</b>
<b>Association with Professional Bodies</b>
<b>Other Activities</b>

