

Faculty Details Proforma



	Title	First Name	Middle Name	Last Name
1	Dr.	Mukta		Garg
2	Designation	Assistant Professor		
3	Permanent			
	Temporary/ Ad-hoc (Please specify)	Ad-hoc		
	Work Experience (Years of experience)	5 Years		
4	Address:	Nav Shakti Apartments, Sector-13, Rohini, New Delhi-110085		
5	Phone No: Office			
	College Email	mukta.garg@jdm.du.ac.in		
6	Educational Qualifications (Highest Degree)	Ph.D.(Mathematics)		
	Orientation/ Refresher/ FDP/ any other			
7	Participation in Workshops	<ol style="list-style-type: none"> 1) Participated in “Phase-2 of Series of National Online Faculty Development Programs” for capacity building towards NEP-2020 organized by University of Delhi in collaboration with GAD-TLC, a Centre under PMMMNMTT, Ministry of Education, Government of India held from November 4-11, 2022 and scored A grade. 2) Participated in an online Refresher Course on “Mathematics/Operational Research/Statistics and Computer Science (IDC)” organised by CPDHE UGC-HRDC, University of Delhi held from September 2–15, 2022 and scored A+ grade. 3) Participated in the “International Workshop and Conference on Topology and Applications” held at RSET, Kochi, India during December 5-11, 2018. 		

		<p>4) Participated in the Advanced Instructional School on “Ergodic Theory and Dynamical Systems” held at Department of Mathematics, IIT Delhi during December 4-23, 2017.</p> <p>5) Participated in the “International Workshop on Operator Spaces” held at Department of Mathematics, University of Delhi, Delhi, India during December 7-9, 2015.</p> <p>6) Participated in the Workshop on “Building Mathematical Ability” held at C.P.D.H.E, University of Delhi, Delhi, India during July 15-17, 2013.</p> <p>7) Participated in the International Conference “The Legacy of Srinivasa Ramanujan” as a volunteer held at University of Delhi, Delhi, India during December 17-22, 2012.</p> <p>8) Participated in Instructional School for Lecturers (ISL) in “Real Analysis and Measure Theory” held at University of Delhi, Delhi, India from March 26 to April 7, 2012.</p>
8	Administrative Assignments	
	Department (in the last two years)	1) Association In-charge
	College (in the last two years)	2) Member of Admission Committee
	University (In the entire tenure)	
9	Areas of Interest / Specialization	Dynamical Systems and Ergodic Theory
10	Subjects Taught (in the last three years)	Real Analysis, Algebra, Group Theory-I, Calculus, Probability and Statistics, Statistical Software-R, Game Theory
11	Research Guidance	NA
12	Publications Profile	
	Authored Books (Single/ Co-authored)	None
	Edited Books (Single/ Co-edited)	None
	Chapter in book (Single/ Co-edited) (Please specify whether National or International)	None

	<p>Article in Peer-reviewed Journal (Single/ Co-edited) (Please specify whether National or International, UGC Listed)</p>	<ol style="list-style-type: none"> 1) Mukta Garg and Ruchi Das, Relations of the almost average shadowing property with ergodicity and proximality, Chaos Solitons and Fractals 91 (2016), 430-433, (Publisher: Elsevier, SCI Journal, Impact Factor: 5.944, International Journal). 2) Mukta Garg and Ruchi Das, When a minimal map is totally transitive on a G-space, Journal of Dynamical and Control Systems 23 (2017), 499-508, (Publisher: Springer, SCIE Journal, Impact Factor: 1.425, International Journal). 3) Mukta Garg and Ruchi Das, Continuous semi-flows with the almost average shadowing property, Chaos Solitons and Fractals 105 (2017), 1-7, (Publisher: Elsevier, SCI Journal, Impact Factor: 5.944, International Journal). 4) Ruchi Das and Mukta Garg, Average chain transitivity and the almost average shadowing property, Communications of the Korean Mathematical Society 32 (2017), 201-214, (Publisher: Korean Mathematical Society, ESCI Journal, International Journal). 5) Mukta Garg and Ruchi Das, Exploring stronger forms of transitivity on G-spaces, Matematički Vesnik 69 (2017), 164-175, (Publisher: Mathematical Society of Serbia, ESCI Journal, International Journal). 6) Mukta Garg and Ruchi Das, Transitivity of maps on G-spaces, Advances in Pure and Applied Mathematics 9 (2018), 75-83, (Publisher: De Gruyter, ESCI Journal, International Journal). 7) Mukta Garg and Ruchi Das, Chaotic behaviour of maps possessing the almost average shadowing property, Hacettepe Journal of Mathematics and Statistics, Accepted for
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		publication, (2021), (SCIE Journal, Impact Factor: 0.929 , International Journal).
	Conference Proceedings (or any other form of published content)	None
	Creative Writing	NA
	Translation	NA
13	Conference Participation (in the last three years) [Please specify whether National or International]	None
		<ol style="list-style-type: none"> 1) Presented a poster on “On Dynamics of Maps Possessing the Almost Average Shadowing Property” in the Conference “Current Trends in Dynamical Systems and the Mathematical Legacy of Rufus Bowen” held at the University of British Columbia, Vancouver, Canada during July 30-Aug 4, 2017. 2) Presented a paper on “Exploring the Almost Average Shadowing Property in One Parameter Flows” in the “82nd Annual Conference of the Indian Mathematical Society” held at Kalyani University, West Bengal, India during December 27-30, 2016. 3) Presented a poster on “Applications of Regular Periodic Decomposition on G-spaces” in the “Annual Conference of Indian Women and Mathematics 2016” held at the School of Mathematics and Statistics, University of Hyderabad, India during June 29, 30 and July 1, 2016. 4) Presented a paper on “Topological Transitivity for Maps on Topological Transformation Groups” in “South Asian Mathematics Research Scholars Meet” held at Department of Mathematics, South Asian University, Delhi, India during May 8-9, 2015.
	Papers Presented	
	Sessions Chaired	None
	Discussant or any other	None

14	ICT enabled teaching-learning			
	Development of e-content (Please specify if it is e-lesson, e-quizzes, e-lectures; also mention the Institution for which the same has been prepared)	Development of e-content for the course Applied Mathematics-IV (B.Tech. Sem-IV)	It contains e-content (PPTs), e-quizzes, practice problems, NPTEL links of the whole course.	Institution: Bharati Vidyapeeth's College of Engineering, I.P. University, New Delhi
	Development of MOOCs	NA		
15	Contribution to development of Syllabi	NA		
16	Research Projects	Major Grants	Research Collaboration	UGC Funded Research Projects
		NA	NA	NA
17	Awards and Distinctions	Awarded with "IMS prize" for the best research paper presentation in the competition held at national level in the "82nd Annual Conference of the Indian Mathematical Society" during December 27-30, 2016.	I have also been awarded with "Prof. M. C. Puri Memorial Gold Medal", "Prof. Ram Behari Medal", "J. N. Mitra Memorial Gold Medal", and "Hans Raj College Gold	I have also been awarded with "Sh. Ladha Ram Delory Memorial Prize" and "Sh. Krishnawanti Daulat Ram Chadha Prize" for academic excellence in B. Sc. Mathematics University examinations held in April, 2008 on the

			Medal ” for being the best candidate in the University of Delhi in M. Sc. Maths examinations held in 2011.	occasion of 60 years of Excellence of Hans Raj College, University of Delhi.
18	Association With Professional Bodies	Member of “The Indian Science Congress Association” since July, 2017.		
19	Other Activities	<ol style="list-style-type: none"> 1) Administrative work performed while working as a faculty in BVCOE, IP University: Class Advisor, Attendance Compilation Work, Canteen Committee Member, End Term Examination Paper Setter of B.Tech. first year re-appear examination of Applied Mathematics-I in 2019. 2) Convenor of National Webinar on “Use of Modern Optimization Techniques to Solve Real Life Problems” organized by the Department of Mathematics, Janki Devi Memorial College, University of Delhi on 26th July, 2021. 3) Convenor of National Webinar on “Recent Trends in Statistical Research” organized by the Department of Mathematics, Janki Devi Memorial College, University of Delhi on 27th August, 2021. 4) Convenor of National Webinar on “Intellectual Property Rights” organized by the Department of Mathematics, Janki Devi Memorial College, University on 28th January, 2022. 		

		<p>5) Convenor of webinar on “BASICS OF MICROSOFT EXCEL” organized by Department of Mathematics in association with NCWEB Teaching Centre, Janki Devi Memorial College, University of Delhi on 12th November, 2022.</p> <p>6) Convenor of webinar on “Formulas and Formatting in Excel” organized by Department of Mathematics in association with NCWEB Teaching Centre, Janki Devi Memorial College, University of Delhi on 19th November, 2022.</p>
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This is to certify that the information provided by me is correct and to the best of my knowledge

Name and Designation: Dr. Mukta Garg, Assistant Professor, Department of Mathematics, JDMC, University of Delhi