

CURRICULUM VITAE

Dr. Mamta Kamra

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Work Experience and Appointment

Presently, Professor and Ex- Chairperson, Department of Mathematics, Indira Gandhi University, Meerpur. Officiated as Registrar for more than nine months.Served the University as Dean Students Welfare, Dean Physical Sciences.Had additional charge of Chairperson, Department of BHMCT ,Political Science and Geography.Joined P.G.R.C. Rewari in 1991 as Assistant Professor in Mathematics and has been working till date.

Member of UGBOS and PGBOS&R in the Department of Mathematics, IGU Meerpur.Also remained Member Secretary of E.C., A.C. and University Court IGU, Meerpur.Successfully handled various academic and non academic assignments at University level.

Research Activities

Supervised the Dissertations of more than fourteen M.Phil students .
One Research scholar has been awarded , one has submitted the thesis and three are pursuing the research under my supervision. Has published fifteen research papers in various reputed national and international journals.

LIST OF PUBLICATIONS

1. Bycentric subdivision of Graphs and their Magic Labeling, TEST journal of Engineering and Management ,vol. 83 ,pp5418 – 5421 (2020)
2. Spanning Set of Labeling of Graphs, International Journal of Advanced Science and Technology, Vol.29, No. 7s,pp 615- 618 (2020)
3. Total Magic Labeling Of Some Special Graphs, Bull. Cal. Math Soc 111, (5) pp427-434 (2019)
4. U(8) – Cordial Labeling of Some Special Graphs, Journal of Calcutta Mathematical Soc., 15 ,(2) ,pp113- 122 (2019)
5. Four Mappings with a common Fixed Point on E- b- Metric Spaces, International Journal of Engineering and Technology, Vol. 11, No. 1, pp 88- 101 , (2019)
6. Some Common fixed point theorems for three mappings in Vector- b- metric Spaces, International Journal of Scientific Research and Reviews, Vol. 8, Issue 2, pp 3866- 3881(2019)
7. Common Fixed Point Results for Weakly Increasing Dominated Maps on Vector- b- Metric Spaces, Reserch and Reviews: Discrete Mathematical Structures, Vol. 6, Issue 2, pp 7- 23,(2019)
8. Some Common Fixed Point Results for Three Mappings with Compatible Pairs on Vector Valued Spaces, International Journal of Advanced Science and Technology, Vol.28, No. 9, pp 385- 394,(2019)

9. Coupled Fixed Point Theorems in Vector- b-Metric Spaces, International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue 353, pp-468- 476 (2019)
10. Some Fixed Point Theorems for Self Mappings on Vector b-metric Spaces, Global Journal of Pure and Applied Mathematics, Vol.14, Number 11, pp 1489-1507 (2018)
11. Some Fixed Point Results for Multivalued Operators in Vector valued Spaces, International Journal of Engineering Research and General Science, Vol. 5, Issue 4, pp 117 - , (2017)
12. Some Common Fixed Point Theorems in E-b-Metric Spaces, Aryabhata Journal of Mathematics and Informatics, Vol. 9, No.2, pp 333- 342 ,(2017)
13. An Analogue of Plancherel Theorem and Translation Invariant Operators on $L_2(G, H)$, Allahabad Mathematical Society , Vol. 19,(2004), 9-17
14. Isometric Isomorphisms of Group Algebras of vector valued functions, Journal of Indian Math Society ,vol 64, Nos. 1-4 (1997), 115-123.
15. Isometric Multipliers of the Space of p-integrable Vector Valued Functions ,Proc.Nat.Acad. Sci.India 65(A), IV ,pp 427- 435,(1995)

Chapter in the Book

Advanced mathematics- Theory and Applications, Research India Publications, Delhi

Conference/Workshops/National Seminars attended/ Organized/Lectures Delivered

1. Attended Capacity Building Programme at Faculty Development Centre, M.D.U. Rohtak from August 10-August 23, 2019.
2. Presented a paper at the 2nd international Conference on Mathematical Modelling, Applied Analysis and Computation- 2019 held at JECRC University from 08-10 August, 2019.
- 3 . Presented a paper at National Conference on Recent Advances in Science and Engineering at Regional College for Education Research and Technology from 1-2 May, 2019.
4. Delivered a Lecture on Sir C.V.Raman on National Science Day at Saraswati Mahila Mahavidyalaya on 26.02.2019.
5. Chaired a session at the International Conference on " Women's Participation in Economic and Social Development in South Asia: Role, Status and Challenges" Organized by IGU, Meerpur from Feb. 21-22, 2019.
6. Attended one day workshop on ' Improving the quality of Higher Education Institutions of Haryana" at Haryana Niwas Chandigarh on 06.09.2018.
7. Attended one day Workshop of Chairpersons of Board of studies at DCRUST, Murthal on 01.06.2018.

8. Director of National Workshop on Vedic Mathematics organized by Department of Mathematics IGU, Meerpur on 27.03.2018.
9. Chaired a Session at International Conference on ‘Symbiotic Development of Mathematical, Physical, Chemical and Computational Science’ at GJU of Science and Technology, Hisar from Oct. 28-30, 2017.
10. Delivered a Lecture at School of Engineering and Technology, Raffles University, Neemrana on 28.09.2017.
11. Organising Secretary of Workshop on ‘MATLAB and LaTeX’ from Aug.24- 30, 2016 at IGU, Meerpur.

National Level Tests:

1. Qualified Graduate Aptitude test in Engineering(GATE) in 1986
2. Qualified CSIR in 1986
3. Qualified UGC NET in 1986. I was the first student to qualify this test from MDU ,Rohtak

Academic Qualifications:

1987-1994: Ph.D. from I.I.T Kanpur on ‘Multiplier and Isomorphism problems of some vector Valued Functon Spaces’ under the Guidance of Prof. U.B. Tiwari. Scored 9.7 grade point during the course work for Ph.D

1986-87: M.Phil from MDU Rohtak under the Guidance of Dr. S. Dayal with 81.3% marks

1984-86: M.Sc from MDU Rohtak Topped the University, Gold Medalist
with 70.8% marks

1981-84: B.A from MDU Rohtak with Mathematics and Economics as
major subjects with 66.8% marks

1980-81: Pre-University from MDU Rohtak with Science Stream with
64.8% marks

1980 : Matriculation from Haryana board with marks 75.7%, Name
in merit list.