

Curriculum Vitae

Ms.		Rama		Saxena		
Designation	Associate Professor					
Department	Department of Mathematics					
Institutional Email Address	rsaxena@jmc.du.ac.in					
EDUCATION						
Degree	Institution	Year	Details			
PhD						
MPhil	Department of Mathematics, University of Delhi.	1990	Topic of dissertation: Normal Structure and Kadec-Klee property in Banach spaces associated with locally compact groups.			
CAREER PROFILE						
Organisation / Institution	Designation	Duration	Role			
Jesus and Mary College, University of Delhi	Associate Professor	35 years	Teaching and mentoring			
AREA OF INTEREST : Harmonic analysis, Linear Algebra, Mathematical Analysis and Metric Spaces.						
TEACHING EXPERIENCE (Subjects/Courses taught)						
Courses: B.Sc honours mathematics, Generic electives to B.A honours economics and B.com honours , B.A.Programme and B.EL.ED.						
Subjects: Calculus, Real analysis, Differential equations, Algebra, Linear algebra, Metric Spaces						

PhD (Supervised)

MPhil (Supervised)

HONORS & AWARDS

- I.** SHRIMATI SIVAKAMAMMA RADHAKRISHNAN GOLD MEDAL for being the best women candidate in M.A examination held in 1988.
- II.** Mukarji-Ram Behari Mathematics Prize for best pass in M.A/M.Sc. Mathematics,1988 in St.Stephen's college
- III.** Maharaja Lakshman Sen Prize for best student in M.A. Mathematics,1988 in St.Stephen's college
- IV** All India Post Graduate Scholarship by U.G.C. in M.A. Mathematics for securing 6th position in B.A(Hons) Mathematics 1986, University of Delhi.
- V.** Best student in II-year Mathematics Hons Prize,1985 for undergraduate students in St. Stephen's College
- VI.** Merit-Certificate for 12th position in A.I.S.S.C.E(XIIth standard) 1983 on all India basis

PUBLICATION DETAILS

Books:

Journal Articles:

Newspaper Articles:

Papers presented in Seminars/conferences:

National Workshops and Seminars Organised:

Talks/Lectures:

1. Participated in Faculty development program ‘ Optimization: The Omnipresent ‘organised by Motilal Nehru College in collaboration with Mahatma Hansraj Faculty development centre, Hansraj College ,University of Delhi in February 2022.
2. Participated in the international conference ‘Recent trends in Mathematics’ organised by Hansraj College, in collaboration with Mahatma Hansraj Faculty development centre, University of Delhi in December 2021.
3. Participation certificate for successfully completing Webinar Series (Professional) on “Transforming Teaching-Learning Process using ICT Tools” organized by PGDAV College, University of Delhi, from 28th to 30th August, 2020.
4. Participated in Faculty Development Program on “Online Teaching Tools” organized by Jesus and Mary College from 24-07-2020 to 25-07-2020
3. Participation certificate for successfully completing “three” Week Online Certificate Course: SLC-Course01 on "Introduction to Computer Algebra System: Maxima (An Open-Source Software)" from June 27, 2020 – July 18, 2020. organized by IQAC, Hansraj College, University of Delhi
5. Participated in a Two-day workshop entitled "Applications of Mathematica at Undergraduate Level Mathematics" organised under the UGC DRS-SAP programme of Department of Mathematics, University of Delhi, during March 26-27, 2009.

Participation as Resource Person:

Participated as a Resource person in the DU Pre-entrance summer school 2017, University of Delhi for imparting training to under graduate students in the discipline of Mathematics. It was organized by ILLL, University of Delhi, from 7th June 2017 to 22nd June 2017 for economically backward students.

OTHER DETAILS

Preparation of Teaching Material:

1. Participated & deliberated upon establishing the guidelines for Continuous Assessment for the courses under the Theme "IT Skills and Data Analysis" in a Two-day workshop on "ESTABLISHMENT OF MODALITIES FOR SKILL ENHANCEMENT COURSES" organised by Skill Enhancement Course Committee, University of Delhi, on 4-5th March, 2024 in Conference Centre, University of Delhi.
2. Coordinator of the committee constituted by Department of Mathematics, University of Delhi for preparing the syllabus and suggestive teaching plan of the course: B.Sc. (Hons.) Mathematics, Semester-V DSC-13: Metric Spaces (3L + 1T) under NEP, in March 2023.

Research Projects:

Membership in Professional Bodies:

Orientation and Refresher Courses:

1. Participated in a 3-week UGC sponsored Refresher course in Mathematics organised by the Academic Staff College, Jamia Millia Islamia, New Delhi from 16th November to 7th December, 1999.
2. Participated in a 3-week Professional Development Programme, Refresher Course in Mathematics entitled "Linear Algebra and Analysis" conducted by CPDHE, University of Delhi from April 6-26, 1999.
3. Participated in a 3-week Professional Development Programme, Refresher Course in Mathematics entitled "Applied Abstract Algebra" conducted by CPDHE, University of Delhi from September 28 to October 18, 1995.
4. Participated in the 4-week Orientation Course OR-27, General & Subject Specific conducted by CPDHE, University of Delhi from May 19 to June 15, 1995.

Field Work: