




Faculty Details proforma for Gargi College

Title	Ms.	First Name	Sapna	Last Name	Malhotra	Photograph
Designation		ASSISTANT PROFESSOR				
Address		H.N.O- A-51, BROTHERHOOD APARTMENTS, H-BLOCK, VIKASPURI NEW DELHI-110018				
Phone No	Office	011-26494544				
Residence*						
Mobile*		9891971543				
Email		sapna.malhotra@gargi.du.ac.in				
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
B.Sc(H) MATHEMATICS		HANSRAJ COLLEGE , UNIVERSITY OF DELHI			2003	
M.Sc MATHEMATICS		HANSRAJ COLLEGE, UNIVERSITY OF DELHI			2005	
M.PHIL MATHEMATICS		UNIVERSITY OF DELHI			2008	
NET WITH JRF		JOINT CSIR-UGC			DECEMBER' 2008	
B.EID		KHALSA COLLEGE(Amritsar) GNDU			2006	
Career Profile						
TEACHING EXPERIENCE :13 YEARS IN GARGI COLLEGE						
Administrative Assignments						

- 1-MEMBER OF INTERNAL ASSESMENT COMMITTEE (2013-2015)
- 2-CIC OF BSC(P) PHYSICAL SCIENCES (2012-15)
- 3-MEMBER OF ALUMNAE COMMITTEE (2013-14, 2018-21)
- 4-STAFF ADVISOR TO STUDENTS UNION (2016-18)
- 5- DEPUTY SUPERINTENDENT OF EXAMINATION (2016-2017)
- 6- MEMBER OF ECA ADMISSION COMMITTEE (2017-18)
- 7- MEMBER OF FACULTY OF MATHEMATICAL SCIENCES, UNIVERSITY OF DELHI (2019-21)
- 7- CONVENOR FOR ADMISSION IN DEPARTMENT OF MATHEMARICS (2013-14, 2020-2022)
- 8-MEMBER OF LIBRARY COMMITTEE (2020- Till date)
- 9-TEACHER-IN-CHARGE (2022-Till date)
- 10- MEMBER OF BOOKSHOP & PHOTOSTAT COMMITTEE (2014-Till Date)
- 11- MEMBER OF COMPUTER LAB COMMITTEE (2022-Till Date)

Areas of Interest / Specialization

FUNCTIONAL ANALYSIS

Subjects Taught

CALCULUS, GEOMETRY, ANALYSIS, GROUP THEORY, RING THEORY, LINEAR ALGEBRA, METRIC SPACES, LATEX & HTML.

Research Guidance

Recent Publications

<ul style="list-style-type: none"> 1- RAMAKANT PRASAD, POOJA GUPTA, SAPNA MALHOTRA, PREDICTION OF HEART DISEASE USING HYBRID FORM OF MATHEMATICAL MODEL AND MACHINE LEARNING APPROACH, AES, ISSN:2096-3246, VOL-54, ISSUE-02(2022). 2- SAPNA MALHOTRA, POOJA GUPTA, RAMAKANT PRASAD, INVESTIGATION OF CKD USING PROBABLISTIC MODEL AND DEEP LEARNING APPROACH, JCST, ISSN:1004-9037, VOL.37(4)2022. 3- A CHAPTER TITLED RC-NETWORK AND COMM-NETWORK FOR IMPROVEMENT OF RESEARCH COLLABORATION AND COMMUNICATION AMONG DELHI UNIVERSITY TEACHERS IN THE BOOK PERFORMANCE MANAGEMENT OF INTEGRATED SYSTEMS AND ITS APPLICATION IN SOFTWARE ENGINEERING, ASSET ANALYTICS (2020) ISBN:978-981-13-8252-9, SPRINGER, SINGAPORE 4- DEVELOPED E-CONTENT FOR ILL, UNIVERSITY OF DELHI FOR B.SC(H) MATHEMAICS STUDENTS IN GRAPH THEORY & RINGS (2015-16)
Conference Organization/ Presentations
ORGANISED VARIOUS SEMINARS AND ACTIVITIES FOR THE DEPARTMENT OF MATHEMATICS IN GARGI COLLEGE .
Research Projects (Major Grants/Research Collaboration)
INNOVATION PROJECTGC-30, 1IN 2015 ALONG WITH LATE DR. NARENDER KUMAR AND MS. CHITRA RAJORIA TITLE:ANALYSIS OF COMMUNICATION AND RESEARCH COLLABORATION NETWORK AMONG DELHI UNIVERSITY TEACHERS (2015-16)
Awards and Distinctions
<ul style="list-style-type: none"> 1-AWARDED S. RADHAKRISHNAN GOLD MEDAL FROM UNIVERSITY OF DELHI FOR TOPPER IN M.A/M.Sc MATHEMATICS , UNIVERSITY OF DELHI 2-AWARDED GOLD MEDAL FROM HANSRAJ COLLEGE , UNIVERSITY OF DELHI FOR TOPPER IN M.A/M.Sc MATHEMATICS, UNIVERSITY OF DELHI
Association With Professional Bodies
Other Activities