



Faculty Details (Ms Bharti R. Talwar)

Title	Ms	First Name	Bharti R.	Last Name	Talwar	Photograph
Designation		Associate Professor				
Address		E-257, 2 nd Floor, Greater Kailash, Part-1 New Delhi-110048				
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Email		bharti.talwar@gargi.du.ac.in bhartitalwar65@gmail.com				
EDUCATIONAL QUALIFICATIONS						
	Degree	Institution			Year	
	MPhil	Department of Mathematics, University of Delhi, India			1988-1990	
	MA(Maths)	Hansraj College, University of Delhi, India			1986-1988	
	BA(H) Maths	Hansraj College, University of Delhi, India			1983-1986	
CAREER PROFILE						
<p>Jan 2006 onwards; <i>Associate Professor</i>, Gargi College, University of Delhi Sept 2001 to Jan 2006; <i>Senior Lecturer in Readers Grade</i>, Gargi College, University of Delhi July 1998 to Sept 2001; <i>Senior Lecturer</i>, Gargi College, University of Delhi July 1995 to July 1998; <i>Lecturer</i>, Gargi College, University of Delhi Aug 1992 to July 1995; <i>Lecturer</i>, Jesus & Mary College, University of Delhi Dec 1990 to March 1992; <i>Lecturer</i>, Hansraj College, University of Delhi</p>						
ADMINISTRATIVE ASSIGNMENTS						
<ul style="list-style-type: none">• Member of the <i>Screening Committee</i> (for recruitments in the department of Mathematics): 2022-23.• Member of the <i>Screening cum Evaluation Committee</i> (for promotions): 2020-22.• Member of the <i>Prospectus Committee</i>: 2018-21.• Member of the <i>Workload Committee</i>: 2003-2010, 2015- till date.• Convener of the <i>Time-Table Committee</i> (for Science): 2019- till date.• Member of the <i>Department's</i> Admission Committee: 1997-98, 2002-04, 2016-17 & 2018-19.• Member of the <i>Department's</i> Workload Committee: 2016- till date.• Member of the <i>Department's</i> Time-Table Committee: 1996-2006, July 2017- till date.• Member of the <i>Department's</i> Library Committee: 2016-18.• Convener of <i>BA(Prog) Association, "Navdrishti"</i>: 2015-16.• <i>Teacher in Charge</i> of the Department of Mathematics: 2002-04, 2012-14.						

- Convener, *Science Admissions*: Summer 2013.
- Member of the *Building Extension & Renovation Committee*: 2009-12.
- Member of the *Library Committee*: 1997-98,2002-04 & 2010-11.
- Member of the *Advisory Committee of BA(Prog) Association*: 2007-10.
- Member of the *Winter Carnival cum Inter-College Festival*: 2007.
- Convener of the *Time-Table Committee (for Humanities)*: 1996-2006.
- *Deputy Superintendent Examinations*: 2004-05
- Deputy Co-Ordinator of the Evaluation Centre for English: Summer 2004.
- Member of the *Canteen Committee*: 2002-04.
- Member of the *Attendance Committee*: 2002-04.

AREAS OF INTEREST / SPECIALIZATION

Algebra; Group Theory; Ring Theory; Linear Algebra; Real Analysis; Calculus; Differential Equations; Number Theory; Linear Programming.

SUBJECT TAUGHT

- *BSc (H) Maths*: Algebra, Calculus, Group Theory, Ring Theory, Linear Algebra, Real Analysis
- *BSc (Prog) Physical Sciences*: Differential Equations, Abstract Algebra, Real Analysis
- *BSc (Hons) Chemistry*: Calculus, Real Analysis, Geometry, Differential Equations
- *BSc (Hons) Physics*: Real Analysis
- *BA (Prog)*: Calculus, Algebra
- *BEIEd*: Calculus, Algebra

RESEARCH GUIDANCE

REFRESHER COURSE/ORIENTATION PROGRAMME/FACULTY DEVELOPMENT PROGRAMMES ATTENDED:

- Completed a one-week online certificate course on '*Digital Teaching Techniques*' organized by ICT Academy from 29th June-4th July,2020.
- Attended a two-day Orientation Programme in '*Role of e-technology in Academic Research & teaching-Learning Interactions*' held at Gargi College, University of Delhi on 8th & 9th dec 2011.
- Successfully completed a 3-week Refresher Course in '*Mathematics & Operational Research*', organized by CPDHE Delhi University from 13th Dec,2010 to 4th Jan,2011.
- Successfully completed a 3-week Refresher Course in '*Mathematical Sciences*', organized by CPDHE Delhi University from 5th to 26th Oct,2009.
- Successfully completed a 3-week Refresher Course in '*Computational Mathematics*', organized by CPDHE Delhi University from 27th April to 16th May,1998.
- Successfully completed a 3-week Refresher Course in '*Applied Mathematics*', organized by CPDHE Delhi University from 14th Jan to 3rd Feb,1998.

PUBLICATIONS PROFILE

E CHAPTERS/STUDY MATERIALS**PAPERS PRESENTED IN INTERNATIONAL/NATIONAL CONFERENCES/SEMINARS/SYMPOSIA****CONFERENCE/SEMINARS/SYMPOSIA/WEBINARS/PRESENTATIONS/ORGANIZATION**

- Attended a talk on ‘*Career in Data Science*’ organised by “*Mathema*” Mathematics Association, Gargi College, under the aegis of IQAC on 8th Feb,2022.
- Attended a Webinar on ‘*The tales of the Constant-e*’, organised by “*Mathema*” Mathematics Association, Gargi College, under the aegis of IQAC on 27th Jan,2022.
- Attended National Webinar on ‘*What is Real Analysis about?*’, organized by Shyama Prasad Mukherji College for Women, University of Delhi on 28th Aug,2021.
- Attended National Webinar on ‘*Recent Trends in Statistical Research*’, organized by Janki Devi Memorial College, University of Delhi on 27th Aug,2021.
- Attended Webinar on ‘*Decoding NEP: Redefining Goals & Pedagogies of Today’s Education for the World of Tomorrow*’ Daulat Ram College, University of Delhi, under the aegis of IQAC on 24th Aug,2021.
- Attended Webinar on ‘*INFINITY: a treasury of intrigue and interest*’, organised by “*Mathema*” Mathematics Association, Gargi College, under the aegis of IQAC on 25th Sept,2020.
- Attended ‘*International Conference on Convergence*’, organized by Gargi College on 7th & 8th Nov,2012.
- Member of the Organizing Committee for an International Seminar sponsored by UGC ‘*The Electronic Media: Impact on National Culture & Identity*’ held in Gargi College, University of Delhi on 10th & 11th Dec,2009.
- Attended UGC sponsored seminar ‘*From Pythagoras to Andrew Wills: Tracing the paths of Mathematics*’, organised by Jesus & Mary College, University of Delhi on 17th & 18th Dec,2008.
- Attended UGC sponsored National Seminar on ‘*21st Century Renaissance: Transformation in Technology & Life*’ organized by Delhi College of Arts & Commerce, University of Delhi from 2nd to 4th April,2007.
- Attended UGC sponsored seminar on ‘*Applications of Mathematics*’ organized by Janki Devi Memorial College, University of Delhi in Nov,2005.
- Attended seminar on ‘*Psychology & Mathematics*’ organized by Kamla Nehru College, University of Delhi in April,1999.

WORKSHOP/TRAINING PROGRAMME ATTENDED

- Participated in a Workshop on ‘*Foldscope: A Versatile low-cost tool for Interdisciplinary Research*’ organized by Gargi College, University of Delhi on 14th Oct,2022.
- Completed a one-week online certificate course on ‘*Digital Teaching Techniques*’ organized by ICT Academy from 29th June- 4th July,2020.
- Participated in a UGC Sponsored Workshop on ‘*Evaluation Methodology*’ organized by CPDHE Delhi University from 8th to 10th Nov,2012.
- Participated in one-week ICT (Tier II) Workshop for ‘*Capacity Building of Delhi University Faculty*’, organized by ILLI in Gargi College, University of Delhi from 9th to 16th March,2010.

- Participated in the ‘*National Meet on History of Mathematical Sciences*’ organized by the Department of Mathematics, University of Delhi from 7th to 9th Jan,2010.
- Participated in the Workshop for ‘*Revision of Syllabus*’ organized by South Campus, University of Delhi on 28th & 29th July,2005.

RESEARCH PROJECTS (MAJOR GRANTS/RESEARCH COLLABORATION)

AWARDS AND DISTINCTIONS

- Received Certificate of Appreciation for the timely evaluation of answer scripts of the Semester Examination held in Aug,2022.
- Received Certificate of Appreciation for the timely evaluation of answer scripts of OBE in Nov-Dec,2021.
- Secured 1st position in the college in BA(H) Maths.

ASSOCIATION WITH PROFESSIONAL BODIES

OTHER ACTIVITIES

- Member of the *Syllabus Drafting Committee* for Discipline A-4 (3-Core & 2-Core Disciplines) ‘Abstract Algebra’: 2022-23.
- Member of *Moderation Committee*: 2018-19.
- Member of the winning team of the Cricket Match between the two groups of teachers in the *Sports- meet* : 2008-09.
- Member of the jury for ‘The Rangoli Competition’ in the BA(Prog) Annual Programme ‘*Navdrishti*’: 2008-09.
- Social outreach Programmes and Community Services.