

FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/Prof)	Mrs	FirstName Neelam	LastName Bareja	Photograph
Designation	Associate Professor			
Department	Mathematics			
Address (Official)	D-666 Chittaranjan Park, New Delhi - 110019			
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Education

Subject	Institution	Year	Details
B.SC (Hons) Mathematics	Deshbandhu College, DU (1 st yr) Sri Venketesvrera College, DU	1985	80.00% Rank 1 I Distinction
M.SC (Hons) Mathematics	Hindu College, DU	1987	86.87% Rank 2 I Distinction
M.Phil	Delhi University	1991	86% I Distinction

Career Profile

Organisation/Institution	Designation	Duration	Role
Kamla Nehru College, Delhi University	Assistant Professor	2 Months 21 Days	Teaching
Indraprastha College, Delhi University	Assistant Professor	2 Months	Teaching
Mata Sundri College, Delhi University	Assistant Professor	3 Months 15 Days	Teaching
Deshbandhu College, Delhi University	Assistant Professor	3 Months 15 Days	Teaching
Bhagat Singh College, Delhi University	Assistant Professor	22 Days	Teaching
Zakhir Hussain College, Delhi University	Assistant Professor	5 Years 14 Days	Teaching
Lady Shri Ram College, Delhi University	Assistant Professor	12 Months	Teaching
Kamla Nehru College, Delhi University	Assistant Professor	2 Months 19 Days	Teaching
Bhagat Singh College, Delhi University	Assistant Professor	5 Months 23 Days	Teaching
Kalindi College, Delhi University	Associate Professor	20 Years 6 Months	Teaching

Research Interests/Specialization

Operator Theory

Administrative Assignments / Contribution to corporate life

- Teacher In-charge of Mathematics Department w.e.f. 1st May, 2013 to 21st July, 2015.
- Deputy Superintendent of Examinations for May 2014 examinations
- Convener, Admission Committee, Kalindi College in 2013.
- Appointed as a Teacher’s Representative of the Governing Body, Kalindi College for a 1 year term, w.e.f. 30th April, 2003
- Convener, Admission Committee, Kalindi College continuously for a period of 7 years from 2002 to 2008.
- Teacher In-charge of Mathematics Deptt. w.e.f 1st April, 1999 for a period of 2 years continuously.
- Worked in various other committees of vollege as convener or co convener and served the institution.
- Convener of Account in Lehen (2015-2016)
- Co-Convener of Alumni Meet (2015-2016)
- Convener, Accounts: Oath Ceremony and Fresher’s Welcome Programme, July 2018
- Convener, Sports Committee (2018-19)
- Co-Convener, Alumni Committee(2018-19)
- Convener Alumni Meet-2019
- Co-Convener, SangamParisar Committee (2018-19)
- Convener, Accounts:Lehen 2019 and Annual Day 2019

Teaching Experiences (Subject/Courses taught)

Algebra, Boolean Algebra, and Calculus

Research Guidance

N.A.

Publication (Peer Reviewed/Indexed Journals)

N.A.

Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	Co-Author

Seminar/Workshop/Conferences Presentation/Organisation

- Attended the RMS-UGTE workshop on “Finite Group and Applications” from 7th to 9th February, 2014.
- Participated in the vision empowerment workshop on “Methodology of Teaching Science and Mathematics to Students” organized from 18th-19th July, 2013.
- Participated in the workshop on open source software “MAXIMA” organized by Acharya

Narendra Dev College, Delhi University on 17th August, 2012.

- Actively took part in Refresher Course conducted by CPDHE spread across 3 weeks from 15th December, 2003 to 6th January, 2004.
- Participated in a 3 week Professional Development Program titled “Math -14” conducted by CPDHE from 13th March to 4th April, 2002.
- Attended the 43rd Orientation Program sponsored by UGC and conducted by Academic Staff College at Jamia Millia Islamia, New Delhi from 4th May to 2nd June, 1999.
- Attended program refresher course titled “Computational Mathematics” conducted by CPDHE from 27th April to 16th May, 1998.
- National Seminar on Recent Developments in Mathematics, Kalindi College, University of Delhi (January 12-13, 2017)
- Skill Development Workshop on LaTeX and Statistical Techniques, Kalindi College, University of Delhi (October 24-25, 2016)
- Presented a paper entitled “ Traffic forecast in large scale freeway networks”, in UGC sponsored two-day National Seminar on the Theme: “Recent Developments in Mathematics” organized by Department of Mathematics , Kalindi College, University of Delhi held on 12-13 January, 2017
- Attended “3-Day Workshop on Vedic Mathematics”, organized by Department of Mathematics, Kalindi College, University of Delhi held during Oct. 30-Nov. 1, 2017.

Awards & Distinctions

Public Service/ University Service/ Consulting Activity

Professional Societies Memberships

Projects(Major Grants/ Collaborations)

1. Undertaken the following Research Project as Principal Investigator during 2018-19

Project Code:22/2018

Project Title:Mathematical Modelling of Air Pollutants: An Application to National Capital Territory Delhi (Ongoing Project)

Funding Agency:Kalindi College

Allocated Amount:D 9000/-

OtherDetails