DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	Ms	First Name	PARVEEN	Last Name	BAWA	Photograph

Designation	Assistant Professor-Mathematics
Address	A-8,Top Floor, Asha Park Jail Road, NewDelhi1100 18
Phone No. Office	
Residence Mobile	
Mobile	09582675552
Email	pbawa@db.du.ac.in
Web-Page Web-Page	

Educational Qualifications

Degree	Institution	Year
M.Sc.(Mathematics)	Punjab University	2007
B.Sc.(Mathematics, Statistics, Computers)	Punjab University	2005
UGCNET–JRF	University Grant Commission	2007
3YearDegreeProgrmin Computer Application	Punjab University	2005
Bachelor of Education	Maharshi Dayanand University, Rohtak	

Career Profile

- *Working as **Assistant professor** in department of mathematics, **Deshbandhu college, University of Delhi, since 2012.***
- *Worked as **Assistant professor** in department of mathematics, **MCM DAV COLLEGE, Panjab University, Chandigarh** (July 2008- Feb 2012).*
- Competent, diligent & detail oriented Professional, with an excellent and rewarding career, working with a reputed college in Delhi University.
- A goal-Oriented professional with a **Masters in Mathematics** & Bachelor in Science (**Mathematics, Statistics, Computers**) and with the drive and ability to work with any and at all levels.
- Well versed with various mathematical algorithms and acquiring a sound experience in teaching **master level degree   students.**
- Continually exploring and assessing options for value-add.
- Possess excellent written, oral and interpersonal and communication skills, with proficiency in English, Hindi &Punjabi.

Administrative Assignments

- Working as Math lecturer and teaching mathematics subject on all levels(Master & Bachelors)over the last ten years.
- Regularly **visiting as subject matter experts** on behalf of college for taking interviews and hiring teachers.
- Responsible to handle math training materials for college.
- Experience on preparing examination papers for internal tollgates.
- Monitoring professional exams (Bank PO, IIT, UGC Net, JET etc.) regularly conducted in college premises as a   coordinator and also as invigilator.

Areas of Interest/Specialization

Approximation Theory , Complex Analysis , Algebra and Statistics

Subjects Taught

Algebra	**LPP**
Statistics	**Calculus**
Real Analysis	**Number Theory**

Publications Profile

1. "**Bezier variant of modified alpha-Bernstein operators**", Rendiconti del Circolo Matematico di Palermo Series 2, (2021), 1-21, (**Springer-Scopus**).
2. "**Quantitative Voronovskaya type theorems and GBS operators of Kantorovich variant of   Lupas-Stancu operators based on Polya distribution**", Mathematical Foundations of Computing . (2022), (**ESCI, Scopus**).
3. "**King type (p,q) variant of Bernstein Schurer operators and its approximation properties** ", Thai Journal of Mathematics (Communicated in February, 2022)

Paper Presenations

- "A study of linear positive operators" in the international conference on Recent Advances in Science and Engineering (**RASE 2021**) held at Rajkiya Engineering college Sonbhadra, Uttar Pradesh, India during **February 26-27, 2021**.
- "Different variants of Bernstein operators in integral form" in the international conference on Advancements in Interdisciplinary Research(**ICAIR-2021**), held during **October 29-31, 2021**, Dr. Bhimrao Ambedkar University, Agra, India.
- "B´ezier-Type Approximation properties of Modified linear positive operators" in the International Conference on Advances in Multi-Disciplinary Sciences and Engineering Research (**ICAMSER-2021**) **July 2 - 3**, **2021**, Chitkara University, Himachal Pradesh.
- "A brief study on different variants of Bernstein Kantorovich operators" in the **Digital National Level Paper Presentation Competition** on Applied Mathematical Sciences on **December 5-6, 2020**, Parul University, Vadodara, Gujrat, India.
- *Presented a poster entitled "A study of linear positive operators" in international conference on Recent trends in materials and sciences ICRTMD (18th – 19th December 2019) Jointly Organized By AmityInstitute of Applied Sciences & Amity Institute for Advanced Research and Studies (Materials & Devices).*

Paper published in Conference Abstract book

- Abstract of "B´ezier-Type Approximation properties of Modified linear positive operators " published in the proceedings of International Conference on Advances in Multi-Disciplinary Sciences and Engineering Research (**ICAMSER-2021) , July 2 - 3, 2021**, Chitkara University, Himachal Pradesh.
- Abstract of " A study of linear positive operators" published in the proceedings of (**ICRTMD-2019), December 18-19,2019**, Amity University Uttar Pradesh, Noida.

Conference Organization/Presentations

Conference/ Workshops

- Participated in the "International Seminar on History of Mathematics" Co-Sponsored by International Commission on the History of Mathematics, held at Ramjas College, University of Delhi, in the International Statistics Year 2013 (November 27-28, 2013).
- Attended & Participated as an Active Member, Organizing Committee, In A Talk On "Numerical Methods in View Of Ancient Literature (Vedic Mathematics)" By. Prof. Kailash Vishwakarma, Bundelkhand University, Organized at Deshbandhu College, University Of Delhi. (October, 30, 2013).
- Worked As an Active Member, Organizing Committee, In A Two Day "Science Academies Lectures Workshop" For Undergraduate Mathematics Students On "Computer Science & Differential Equations" At Deshbandhu College, University Of Delhi. (March, 07-08, 2014).
- Attended a Lecture on "Differential Equations and Mathematical Modelling" Delivered by Dr. Shobha Bagai, Held at Deshbandhu College, University of Delhi, On 15thOctober, 2015.
- Attended and Participated in a Lecture and Workshop On "Vedic Mathematics and Jyotish" Organized by The Department of Sanskrit and Department of Mathematics, Deshbandhu College, University of Delhi, held on 15thMarch 2016.
- Participated in the National Workshop/Seminar on "Technical Terminology in Science Technology" organized by Commission of Scientific and Technical Terminology, Ministry of Human Resource Development, Department of Higher Education, Government of India, at Deshbandhu College, University of Delhi, on 26-27 October, 2017.
- Participated in the National Conference on "Analysis and its Applications" organized by the Department of Mathematics, South Asian University (A University established by SAARC Nations), New Delhi & Department of Mathematics, Dyal Singh College, University of Delhi on 09-11 December, 2017.
- Participated and worked as an active Member of Organizing committee in the six-day "Teacher's Enrichment Workshop on Differential Equations, Mathematical Modelling & Analysis" organized by National Centre for Mathematics (A joint centre of TIFR and IIT Bombay) held at Deshbandhu College, New Delhi during 24-29, July 2018.
- Refresher course in applicable mathematics" organized by Teaching Learning Centre, Ramanujan College during 15-29, December 2021.
- Five days Online Faculty Development Program(e-FDP) on "Moodle – Learning Management System" organized by CIMAGE Professional College during "COVID-19 Pandemic" in association with Spoken Tutorial Project, IIT-Bombay during 22nd June to 26th June, 2020.
- One-Week Online Faculty Development Programme on "Development and Delivery of MOOCs and E-Content" jointly organized by Central University of Haryana, Mahendergarh under the aegis of Pandit Madan Mohan Malaviya National

Mission on Teachers and Teaching (PMMMNMTT) and IQAC, Deshbandhu College, University of Delhi, New Delhi, from 26th June, 2020 to 1st July 2020.

- A Five Day National Level Online Faculty Development Program on "Skill Development for Effective Research and Teaching - Learning Process", organized by Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam, during 8th - 12th June 2020
- . Twelve days FDP on SCILAB organized by IQAC, A.N. College, Patna in association with IIT, Bombay, ICT, MHRD, Govt. of India during 22nd May-02nd June, 2020.
- 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from June 04 - July 01, 2020, Ramanujan College , sponsored by PMMMNMTT.
- One Week Faculty Development Programme on "Open Source Tools for Research" from June 08 - June 14, 2020 , Ramanujan College , sponsored by PMMMNMTT.
- 6 days Online National Workshop on "Technical Document Preparation using LaTeX" Organized from 8 June 2020 to 13 June 2020 by Dr. S. & S. S. Ghandhy Government Engineering College, Surat (Under Directorate of Technical Education).
- Ten   days FDP on R software organized by IQAC, A.N. College, Patna in association with IIT, Bombay, ICT, MHRD, Govt. of India during 08-17June,2020.
- Participated in Two Week Refresher Course in "Mathematics" organized by Teaching Learning Centre & Department of Mathematics, Ramanujan College, University of Delhi under the aegis of PMMMNM from 16-30 March 2021 and successfully completed with A+ grade

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AwardsandDistinctions

Scored 95% in Mathematics in Graduation & Stood First in College.

Signature of Faculty Member