DEPARTMENT OF Mathematics
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL

Title	Dr.	First Name	Pramod	Last Name	Pandey	Photograph
Designation		Associate Professor				
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Web-Page		http://dsc.du.ac.in/faculty/				

Educational Qualifications

Degree	Institution	Year
B.Sc.(Hons.) Mathematics	Univ. of Delhi	1989
M.Sc. in Mathematics	Univ. of Delhi	1991
Ph. D. in Mathematics	Univ. of Delhi	1998

Career Profile

I am an Associate Professor of Maths. with wide and global exposure having expertise of over 2 decades. Have held the positions ranging from a Lectureship to Associate Professorship, TiC, of a large affiliating-cum-residential College/ University . Have a vast no. of research publications: 70 res. papers in numerical analysis and scientific computations.

Administrative Assignments (From 1st July 2017 onwards)

Assigned and delivered duties of Teacher in Charge, department of mathematics, Dyal Singh College (Univ. of Delhi) in academic session 2002-21.

Areas of Interest / Specialization

Numerical Analysis

Subjects Taught

Discrete Mathematics, Linear Programming and Theory of Game, Applied Linear Algebra

Research Guidance

In my guidance at present there are two scholars working for their award.

Publications Profile (From 1st July 2017 onwards)

1. The approximate solution of the third order boundary value problem with an internal boundary condition using a hybrid finite difference method. Applied Sciences (Accepted 2022). Applied Sciences, Vol. 24, 235-244.(2022).
2. An explicit second order uniformly convergent difference algorithm for a initial value problem associated to second order differential equations. Annals of West University of Timisoara Mathematics and Computer Science, Vol. 58, Issue 1, 126 – 136 (2022).
3. Third order convergent finite difference method for the third order boundary value problems in ODEs. Turkish Journal of Mathematics and Computer Science, Volume 14, Issue 1, 184 - 190 (2022).

4. Numerical solution of a seventh order boundary value problem by splitting coupled finite difference method. Palestine Journal of Mathematics Vol. 11(1), 370–377 (2022).
5. Development of the finite difference method to solve a new type Sturm-Liouville problems. Tbilisi Math. J. 14(3): 141-154 (2021).
6. Nonstandard finite difference method for the approximate solution of two-point fourth order boundary value problems in ODEs. Applied Sciences Vol. 23, 87-98 (2021).

Conference Organization/ Presentations (From 1st July 2017 onwards)

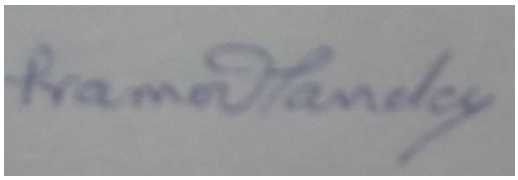
An article "A finite difference method for the numerical solution of general third order boundary value problem with an internal boundary condition" presented in Conference on Analysis and its Application jointly organized by South Asian University New Delhi and Dyal Singh College (Univ. of Delhi) New Delhi (December 9-11, 2017).

Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)

Awards and Distinctions (From 1st July 2017 onwards)

Association With Professional Bodies

Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards)



Signature of Faculty Member