



Shivaji College Faculty Details

Proforma

Title	Dr.	First Name	CHANDRA	Last Name	PRAKASH	Photograph
Designation	ASSISTANT PROFESSOR					
Address	Department of Mathematics, Shivaji College, University of Delhi, Delhi, Raja Garden-110027					
Office Phone No.						
Academic Identity	Orcid ID: https://orcid.org/0000-0002-2337-6145 Google Scholar ID: https://scholar.google.com/citations?user=J1fjEzMAAAAJ&hl=en					
Mobile						
Email	chandraprakash@shivaji.du.ac.in , chandu.math.bhu@gmail.com					
Web-Page						
Educational Qualifications	M.Sc., M.Phil., Ph.D.					
Degree	University/Institute				Year	
Ph.D.	Delhi Technological University, Delhi				2024	
M.Phil./M.Tech.	University of Delhi, Delhi				2013	
PG	Banaras Hindu University, Varanasi				2008	
UG	C.S.J.M. University, Kanpur, Uttar Pradesh				2006	
Any Other Qualification	CSIR-NET				JUNE-2012	
Career Profile						
Name of College/ University	Nature of Appointment	Classes Taught	Experience Duration			
Sri Venkateshwara College, DU	Guest	UG	2011	2011		

Deshbandhu College, & Dyal Singh College, DU	Guest	UG	2012	2013
Shyam Lal College, DU	Ad-hoc	UG	24.07.2013	07.03.2016
Ramjas College, DU	Ad-hoc	UG	08.03.2016	13.11.2022
Shivaji College, DU	Permanent	UG	03.02.2024	Continued...

Administrative Assignments

1. Member, Canteen Committee, Shivaji College (AY: 2024-25, 2025-26)
2. Member, ICT (Information and Communication Technology) Support Committee, Shivaji College (AY: 2025-26, 2026-27)
3. Member, Internal Assessment Monitoring and Moderation Committee, Shivaji College (2025-26)
4. Member, Skill Development Center, Shivaji College (AY: 2025-26, 2026-27)
5. Member, Environment and Sustainability Committee, Shivaji College (AY:2026-27)
6. Member, General Counseling and Grievance Redressal Cell, Shivaji College (AY: 2025-26, 2026-27)
7. Member, Screening Committee, Shivaji College (AY:2025-26)

Areas of Interest/Specialisation

Approximation Theory, Functional Analysis

Subjects Taught

- Algebra
- Multivariate Calculus
- Calculus
- Abstract Algebra
- Linear Algebra
- Ordinary and Partial Differential Equations
- Linear Programming
- Latex & HTML Software
- Numerical Analysis
- IT Skills and Data Analysis- I & II
- Vedic Mathematics-II

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (Research Papers/Books)

1. Chandra Prakash, **Book Chapter** "Green Economy as a Catalyst for Viksit Bharat 2047" topic "Green Economy and Viksit Bharat" JSR Publishing House LLP, ISBN: 978-93-49178-71-7, 2025 (First Edition).
1. C. Prakash, D. K. Verma and N. Deo, Approximation By a New Sequence of Operators Involving Apostol-Genocchi Polynomials, *Mathematica Slovaca*, 71(5), 1179–1188 (2021). DOI: <https://doi.org/10.1515/ms2021-0047> (SCIE, Impact Factor: 0.996)
2. Chandra Prakash, Naokant Deo, and D. K. Verma, Bezier Variant of Bernstein-Durrmeyer Bending Type Operators, *Asian-European Journal of Mathematics*. 15(06), 2250103 (17 pages) (2022). DOI: <https://doi.org/10.1142/S1793557122501030>. S1793557122501030 (ESCI, SCOPUS, Impact Factor: 0.8)
3. Chandra Prakash, Naokant Deo, and D. K. Verma, Approximation by Apostol-Genocchi Summation-Integral type Operators, *Miskolc Mathematical Notes*. 24(1), 369–382 (2023). DOI: <https://doi.org/10.18514/MMN.2023.3848>. (SCIE, Impact Factor: 1.22)
4. Chandra Prakash, Durvesh K. Verma, and Naokant Deo, Approximation by Durrmeyer Variant of Cheney-Sharma Chlodovsky Operators, *Mathematical Foundation of Computing*, (AIMS), Vol.6, No.3, 2023, PP. 535-545, DOI: <https://doi.org/10.3934/mfc.2022034>. (SCOPUS)
5. Chandra Prakash, Naokant Deo, and D. K. Verma, Generalization of α - Bernstein operators based on some parameters, communicated.
6. Naokant Deo, D. K. Verma, and Chandra Prakash, Approximation by Durrmeyer Variant of modified Bernstein polynomials, Communicated.
7. Chandra Prakash, Naokant Deo, Durvesh Kumar Verma, Approximation by Hybrid Operators Involving Modified Baskakov Basis Function, Communicated.

Conference/Seminar/Faculty Development Programme/Workshop

1. Refresher Course on “Mathematics and Its Applications” organised by Department of Mathematics, Assam University, Silchar under the aegis of MMTTC, Assam University, Silchar, December 29 - January 12, 2026.
2. “Skill Augmentation in Teaching & Research through AI” Under MM-TTP of UGC organised by MH-MMTTC, Hansraj College, in collaboration with Department of Commerce, Shivaji College, University of Delhi, Delhi, November 17 - November 22, 2025.
3. One Week (online) FDP on “Cryptography and Information Security” Organised by MH-MMTTC, Hansraj College, collaboration with Department of Mathematics, Hansraj College, University of Delhi, Delhi, July 10 - July 16, 2025.
4. One week (online) FDP on “Mathematical Computations and Applications”, Department of Mathematics, Central University of Jammu, December 01 - December 05, 2025.
5. “Role on Indigenous women in sustainable Development- Case studies” International Conference on Indigenous Knowledge Systems and Sustainable Development, organised by Shaikshik Foundation with NCPSEL & Shivaji College, University of Delhi, Delhi, March 9 - March 10, 2025.
6. “NEP 2020 Orientation & Sensitization Programme” Under MM-TTP of UGC organised by MH-MMTTC, Hansraj College, in collaboration with Shivaji College, University of Delhi, Delhi, September 18 - September 28, 2024.
7. “A week-long Online Capacity Building Training Programme on Mathematical Statistics with a Computational Perspective” organised by Department of Mathematics, Miranda House, University of Delhi, Delhi, August 31 - September 8, 2024.
8. “NEP 2020 Orientation & Sensitization Programme” Under MM-TTP of UGC organised by MH-MMTTC, Hansraj College, University of Delhi, Delhi, June 03-June 13, 2024.
9. “4-Week Faculty Induction/Orientation Programme” Organised by Teaching Learning Centre Ramanujan College, University of Delhi, Under the aegis of Ministry of Education MM-TTP, March 27- April 23, 2024.
10. Approximation by the modified Baskakov operators and exponential operators, International Conference on Innovative Trends in Mathematics and Intelligent systems (ITMIS), Department of Mathematics, Shyam Lal College, University of Delhi, Delhi, February 26 - 27, 2026.
11. Approximation by α - Bernstein operators based on certain parameters; International Conference on Evolution in Pure & Applied Mathematics, Department of Mathematics, Akal University, Talwandi Sabo, Bathinda, November 16-18, 2022.

12. Approximation by the operators using Apostol-Genocchi Polynomials; 2nd International Conference on non linear applied Analysis and Optimization, The Department of Mathematics Science, Indian Institute of Technology (BHU), Varanasi, December 19-22, 2022.
13. Approximation by Integral Form of modified Bernstein Polynomials; International Conference on analysis and Its Applications (ICAA-23), Department of Mathematics, Shivaji College, University of Delhi, delhi, Feb. 27-28, 2023.
14. One week (online) FDP on “Mathematical Analysis and its Applications”, Vivekananda College, University of Delhi, Delhi, July 26-31, 2021.
15. One week (online) Inderdisciplinary FDP “Applications of Mathematics in Business and Social Sciences”, Department of Mathematis and IQAC, Miranda House, University of Delhi, Delhi, March 18-24, 2021.
16. FDP on “Computer Algebra System and LATEX”, Shyam Lal College, University of Delhi, Delhi, February 16-27, 2017.
17. We Prof. Brian Winkelbinar on “Mathemagical Symposium with Prof. Brian Winkel”, Trisectrix, The Mathematics Association, Sri Venkateswara College, University of Delhi, Delhi, January, 11, 2022.
18. Online Teachers Enrichment Workshop on “Algebra and Multivariate Calculus”, Dr. Harish singh Gour Vishwavidyalaya. Sagar. MP, 8 January-14 February. 2021.
19. Webinar on “Understanding Plagiarism Detection Software Ouriginal”, University of Delhi in Association with eGalactic Pune, July 30, 2021.
20. Online Short term course on “Linear Algebra and Its Applications”, under Technical Education Quality Improvement Programme- III, Department of Mathematics, IIT, Delhi, December 20-24, 2020.
21. Workshop on “The Intertwining Stands in Physics and Mathematics: Fourier Analysis”, IISER Pune, during January 23-29, 2018.
22. National Centre for Mathematics “Teachers Enrichment Workshop on Group Theory, Analysis and Topology”, Doon University, Dehradun, Uttarakhand, October, 09-14, 2017.
23. Workshop on “Computational Optimization”, Sri Venkateswara College, University of Delhi, Delhi, February 05, 2016.
24. National Centre for Mathematics Instructional School for Teachers (IST) on “Linear Algebra”, Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded, Maharashtra, 23 November-05 December 2015.
25. “National Conference on Advances in Mathematics”, Hansraj College, University of Delhi, Delhi, March 07-08, 2014.

26. RMS-UGTE Workshop on “Finite Group And Applications”, Deshbandhu College, University of Delhi, Delhi, February 07-09, 2014.
27. Symposium on “Computational Techniques and Mathematical Modeling”, Department of Mathematics, Faculty of Mathematics and Computer Science, South Asian University, New Delhi, India, April 05-06, 2013.
28. Cimpa Research School 2013 “Generalized Nash Equilibrium Problem, Bilevel Programming and MPEC”, University of Delhi, Delhi, November 25- December 06, 2013.
29. Workshop on “Information Literacy and Competency”, University of Delhi, Delhi, January 17, 2013.
30. “The Legacy of Srinivasa Ramanujan”, University of Delhi, Delhi, December 17-22, 2012.
31. “International Conference on Optimization Modelling and Applications”, Department of Operational Research, University of Delhi, Delhi, November 29-December 01, 2012.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

1. Ashirwad : A Study on the Approximation of Kantorovich Operators
2. Nishant Soni : Some Results on Durrmeyer Operators

Awards and Distinctions

Memberships

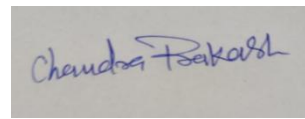
Other Academic Activities

Members of Organizing Committee

1. National Conference on “Advances in AI and Computational Biology” organised by Department of Biochemistry and Computer science, Shivaji College, University of Delhi, Delhi, April 06 - April 07, 2026.
2. Online FDP/STC on “Indian Knowledge System: focusing on Philosophy, Science, Technology, and Traditional Medicine” Under the aegis of MMTTP, of UGC organised by MMTTC , Ramanujan College, collaboration with Shivaji College, University of Delhi, Delhi, August 18 - August 23, 2025.
3. “Inspire Science Internship Camp (Innovation in Science Pursuit for Inspired Research)”. An initiative of Department of Science and Technology, Govt. of India, Ramjas College, University of Delhi, July 4-8, 2017.
4. “International Conference on Mathematics and Applications (ICMA-2017)”, Ramjas College, University of Delhi, Delhi, April 26-28, 2017.

Cultural/ Extracurricular Activities

--

A rectangular box containing a handwritten signature in blue ink. The signature appears to read "Chandan Prakash".

Signature of Faculty Member