Shivaji College Faculty Details Proforma

Title		First Name		Last Name		Photograph
	Dr.	CHANDRA		PRAKASH		

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
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

- Member of Canteen Committee
- ICT Support Committee
- Internal Assessment Monitoring + Moderation Committee

Areas of Interest/Specialisation

Approximation Theory,

Subjects Taught

- Multivariate Calculus
- Calculus
- Abstract Algebra
- Linear Algebra
- Ordinary and Partial Differential Equations
- Linear Programming
- Latex & HTML Software
- Numerical Analysis

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

Publications Profile (*Research Papers/Books)*

- 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)

- 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)

- 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)

- 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)

- Chandra Prakash, Naokant Deo, and D. K. Verma, Generalization of α- Bernstein operators based on some parameters, communicated.

- Naokant Deo, D. K. Verma, and Chandra Prakash, Approximation by Durrmeyer Variant of modified Bernstein polynomials, Communicated.

- Chandra Prakash, Naokant Deo, and D. K. Verma, Integral modification of Jain-Appell operators based on parameters ρ>0, Communicated.

Conference/Seminar/Faculty Development Programme/Workshop

- Approximation by α- Bernstein operators based on certain parameters; International Conference on Evolution in Pure & Applied Mathematics, Department of Mathematiccs, Akal University, Talwandi Sabo, Bathinda, November 16-18, 2022.

- 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.

- 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.

- One week (online) FDP on "Mathematical Analysis and its Applications", Vivekananda College, University of Delhi, Delhi, July 26-31, 2021.

- 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.

- FDP on "Computer Algebra System and LATEX", Shyam Lal College, University of Delhi, Delhi, February 16-27, 2017.

- 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.

- Online Teachers Enrichment Workshop on "Algebra and Multivariate Calculus", Dr. Harish singh Gour Vishwavidyalaya. Sagar. MP, 8 January-14 February. 2021.

- Webinar on "Understanding Plagiarism Detection Software Ouriginal", University of Delhi in Association with eGalactic Pune, July 30, 2021.

- Online Short term course on "Linear Algebra and Its Applications", under Technical Education Quality Improvement Progrramme- III, Department of Mathematics, IIT, Delhi, December 20-24, 2020.

- Workshop on "The Intertwining Stands in Physics and Mathematics: Fourier Analysis", IISER Pune, during January 23-29, 2018.

- National Centre for Mathematics "Teachers Enrichment Workshop on Group Theory, Analysis and Topology", Doon University, Dehradun, Uttarakhand, October, 09-14, 2017.

- Workshop on "Computational Optimization", Sri Venkateswara College, University of Delhi, Delhi, February o5, 2016.

- 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.

- "National Conference on Advances in Mathematics", Hansraj College, University of Delhi, Delhi, March 07-08, 2014.

- RMS-UGTE Workshop on "Finite Group And Applications", Deshbandhu College, University of Delhi, Delhi, February 07-09, 2014.

- 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.

- Cimpa Research School 2013 "Generalized Nash Equilibrium Problem, Bilevel Programming and MPEC", University of Delhi, Delhi, November 25- December 06, 2013.

- Workshop on "Information Literacy and Competency", University of Delhi, Delhi, January 17, 2013.

- "The Legacy of Srinivasa Ramanujan", University of Delhi, Delhi, December 17-22, 2012.

- "International Conference on Oprtimization Modelling and Applications", Department of Operational Research, University of Delhi, Delhi, November 29-December 01, 2012.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)
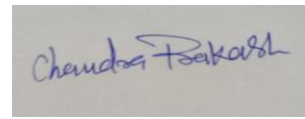
Awards and Distinctions

Memberships

Other Academic Activities

Members of Organizing Committee
- "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.
- "International Conference on Mathematics and Applications (ICMA-2017)", Ramjas College, University of Delhi, Delhi, April 26-28, 2017.

Cultural/Extracurricular Activities

Signature of Faculty Member