



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 31-08-2026

1. Personal Profile

Title: **Dr.** First Name: **AVINASH** Last Name: **DIXIT**

Designation: **ASSISTANT PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **avinash@kmc.du.ac.in** Webpage: -----



Facebook: ----- Twitter: -----

LinkedIn: <https://www.linkedin.com/in/avinash-dixit-095336194/> Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Avinash-Dixit>

Google Scholar Link: -----

Address: -----

2. Educational Qualifications

Degree/ Certification	Institution	Year
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3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	MATHEMATICS KIRORI MAL COLLEGE, DELHI	09.Sep.2022 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ENACTUS SOCIETY Kirori Mal College (University of Delhi)	01.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	HOSTEL ADMISSION COMMITTEE Kirori Mal College	01.Jul.2025 - 30.Jun.2026	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ENACTUS SOCIETY Kirori Mal College (University of Delhi)	01.Jul.2025 - 30.Jun.2026	

4. Other Profiles

Other Profile Name/ Description

RESEARCH COLLABORATIONS

Research Interest: Convex Optimization, Non-smooth Optimization, Vector Optimization, Dynamical Systems,

Research Collaboration: Currently working to develop methods to solve structured DC optimization problems in collaboration with researchers based out of ENSTA-Paris, Institut Polytechnique de Paris, and National Institute of Technology, Hamirpur.

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link
JOURNAL PAPER (International)	Application of a new accelerated algorithm to regression problems	Soft Computing	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (First Author)	https://link.springer.com/article/10.1007/s00500-019-03984-7
JOURNAL PAPER (International)	Application of new strongly convergent iterative methods to split equality problems	Computational and Applied Mathematics	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (Corresponding Author)	https://link.springer.com/article/10.1007/s40314-020-01209-4
JOURNAL PAPER (International)	Forward–Backward–Half Forward Dynamical Systems s for Monotone Inclusion Problems with Application to v-GNE	Journal of Optimization Theory and Applications	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (Corresponding Author)	https://link.springer.com/article/10.1007/s10957-021-01891-2

JOURNAL PAPER (International)	Application of Tikhonov Regularized Methods to Image Deblurring Problem	Optimization	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (First Author)	https://www.tandfonline.com/doi/full/10.1080/02331934.2023.22
CHAPTER (International)	Different Techniques to Solve Monotone Inclusion Problems	Wiley	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (Joint Author)	https://doi.org/10.1002/9781119585640.ch18

8. Books				
Category	Book Name	Title	Name of Author	ISSN/ ISBN Number

9. Faculty Achievements					
Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	International Conference on Engineering, Computers and Natural Sciences	19.Oct.2018 - 21.Oct.2018
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	Faculty Development Program (FDP) on "Smart Systems and Intelligent Media: AI Across Software, Image, and Text Domains" at School of Engineering, JNU, New Delhi,	14.Jul.2025 - 18.Jul.2025
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	CHAIRPERSON	International	International Conference on Mathematical Sciences and Computational Intelligence (ICMSCI-2026) at Department of Mathematics, P.G.D.A.V. College, University of Delhi,	20.Feb.2026 - 22.Feb.2026
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	First International Conference on Mathematical Optimization Theory and Applications (ICMOTA) 2026	14.Mar.2026 - 16.Mar.2026
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	Soft Computing Techniques in Artificial Intelligence	15.Apr.2026 - 28.Apr.2026
2026	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	International Conference on Frontier Areas of Science and Technology for Sustainable Development (FAST-SD 2026)	23.Apr.2026 - 24.Apr.2026

2026	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	Faculty Induction Programme” (Guru Dakshata) under Malaviya Mission Teacher Training Programme (MMTTP) of the University Grants Commission (UGC)	04.Jun.2026 - 03.Jul.2026
2022	REFRESHER COURSE ATTENDED	PARTICIPANT	National	National Refresher Course “Back end, Front end Web design Development and App development using Flutter Business Intelligence and Data Visualization	27.Oct.2022 - 11.Nov.2022

Dr. AVINASH DIXIT