



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 15-02-2026

## 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](mailto: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
B.Sc.	University of Allahabad	2013
Ph.D.	Indian Institute of Technology (BHU) Varanasi	2022
M.Sc.	University of Allahabad	2015
M.Sc.	University of Allahabad	2015
Ph.D.	Indian Institute of Technology (BHU) Varanasi	2021

## 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	ASSISTANT PROFESSOR	HOSTEL ADMISSION COMMITTEE KIRORI MAL COLLEGE, DELHI	22.Dec.2023 - Till date	

ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	ENACTUS SOCIETY COLLEGE, DELHI	KIRORI MAL	18.May.2023 - Till date	
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#### 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)	<a href="https://link.springer.com/article/10.1007/s00500-019-03984-7">https://link.springer.com/article/10.1007/s00500-019-03984-7</a>
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)	<a href="https://link.springer.com/article/10.1007/s40314-020-01209-4">https://link.springer.com/article/10.1007/s40314-020-01209-4</a>

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)	<a href="https://link.springer.com/article/10.1007/s10957-021-01891-2">https://link.springer.com/article/10.1007/s10957-021-01891-2</a>
JOURNAL PAPER (International)	Application of Tikhonov Regularized Methods to Image Deblurring Problem	Optimization	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (First Author)	<a href="https://www.tandfonline.com/doi/full/10.1080/02331934.2023.22">https://www.tandfonline.com/doi/full/10.1080/02331934.2023.22</a>
CHAPTER (International)	Different Techniques to Solve Monotone Inclusion Problems	Wiley	Avinash Dixit, Pankaj Gautam, Tanmoy Som, D.R. Sahu (Joint Author)	<a href="https://doi.org/10.1002/9781119585640.ch18">https://doi.org/10.1002/9781119585640.ch18</a>

## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
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## 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

Dr. AVINASH DIXIT