



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 03-04-2026

1. Personal Profile

Title: **Dr.** First Name: **GYANENDRA** Last Name: **KRISHNA PANDEY**

Designation: **ASSISTANT PROFESSOR** Mobile No. **9718379008**

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Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Gyanendra-Pandey>

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2. Educational Qualifications

Degree/ Certification	Institution	Year
Ph.D	Indian Institute of Technology, Delhi	2017
M.Sc/Physics (Specialization: Electronics & Instrumentation)	Department of Physics, Patna University	2006
M.Tech/Optoelectronics and Optical communication	Indian Institute of Technology, Delhi	2012
B.Sc(HONS.) PHYSICS	RAJENDRA COLLEGE, CHAPRA	2003
CSIR-UGC NET	CSIR	2009
GATE (Physics)/AIR-129	IIT GUWAHATI	2010

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	PHYSICS , KIRORI MAL COLLEGE, UNIVERSITY OF DELHI	19.Oct.2022 - Till date	

CAREER PROFILE	ASSISTANT PROFESSOR	PHYSICS SHIVAJI COLLEGE, UNIVERSITY OF DELHI	07.Mar.2016 - 17.Oct.2022	
CAREER PROFILE	ASSISTANT PROFESSOR	PHYSICS SRI VENKATESWARA COLLEGE, UNIVERSITY OF DELHI	26.Feb.2013 - 22.May.2015	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	HOSTEL ADMISSION COMMITTEE KIRORI MAL COLLEGE HOSTEL	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE KIRORI MAL COLLEGE	01.Aug.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE KIRORI MAL COLLEGE	01.Aug.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	G20 COMMITTEE KIRORI MAL COLLEGE	01.Jul.2023 - 30.Jun.2024	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SPORTS COUNCIL KIRORI MAL COLLEGE	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE KIRORI MAL COLLEGE	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Rajbhasha Samiti, Kirori Mal College	18.Apr.2023 - Till date	
CAREER PROFILE	MEMBER	HOSTEL ADMISSION COMMITTEE Kirori Mal College	20.Jun.2024 - 07.Jul.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROCTOR & DISCIPLINE COMMITTEE Kirori Mal College	25.Jun.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SPORTS COUNCIL Kirori Mal College	25.Jun.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE Kirori Mal College	25.Jun.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE Kirori Mal College	25.Jun.2024 - 30.Jun.2025	

4. Other Profiles

Other Profile Name/ Description

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	Publication (Month-Year)
JOURNAL PAPER (International)	Comparative study of thermoplasmonic effects of gold and silver metal nanoparticle	AIP Advances	gkpandey (Joint Author)	10.1063/5.0046284	April 2021
JOURNAL PAPER (International)	Study of Surface-Enhanced Raman Scattering of Plasmonic Coupled Biomolecule: Role of Multi-Layered Nanosphere	Plasmonics/	gkpandey (Joint Author, Corresponding Author)	10.1007/s11468-017-0502-8	February 2018
JOURNAL PAPER (International)	Study of Surface Enhanced Raman Scattering of Single Molecule Adsorbed on the Surface of Metal Nanogeometries: Electrostatic Approach	Plasmonics	gkpandey (First Author, Corresponding Author)	DOI 10.1007/s11468-016-0181-x	January 2016
JOURNAL PAPER (International)	Electromagnetic Study of Surface Enhanced Raman Scattering of Plasmonic-Biomolecule: An Interaction between Nanodimer and Single Biomolecule	Solid State Communications	gkpandey (First Author, Corresponding Author)	10.1016/j.ssc.2017.03.010	March 2017
JOURNAL PAPER (International)	Study of external quantum efficiency of plasmonic coupled bilayer active device: influence of layer thickness and nanoparticle filling factor	Applied Physics A	gkpandey (Joint Author)	10.1007/s00339-016-0574-x	November 2016

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
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	Advanced Electron Microscopic Techniques-Instrumentation and Applications	02.May.2024 - 03.May.2024

Dr. GYANENDRA KRISHNA PANDEY