



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: **GYANENDRA** Last Name: **KRISHNA PANDEY**



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

Phone No. (Office) **9718379008** Phone No. (Residence): -----

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

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

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

Google Scholar Link: https://scholar.google.co.in/citations?view_op=list_works&hl=en&hl=en&user=qLkHsUAAAQ

Address: **150 F/F, MIG, RPS, MANSAROVER PARK, SHAHDARA**

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 |
|------|-----------|-----------------------------------|--------------|--------|
| | | | | |

6. Research Projects

| Year | Title of Project | Sponsorship Agency | Duration | Amount Sanctioned | Date of Sanction |
|------|------------------|--------------------|----------|-------------------|------------------|
| | | | | | |

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 |
|----------|-----------|-------|----------------|-------------------|
|----------|-----------|-------|----------------|-------------------|

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