



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 25-06-2026

1. Personal Profile

Title: **Prof.** First Name: **KRISHNA KAMAL** Last Name: **HALDER**

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

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

Email: **krishna79.du@gmail.com** Webpage: -----



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

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: -----

2. Educational Qualifications

| Degree/ Certification | Institution | Year |
|-----------------------|---------------------|------|
| B.Sc. (H) Physics | Visva Bharati | 2000 |
| M.Sc. in Physics | Visva Bharati | 2002 |
| PhD | University of Delhi | 2020 |

3. Career Profile & Administrative Assignments

| Category | Role/ Designation | Department/ Committee | Date From - To | Remarks |
|----------------------------|---------------------|-----------------------------------|---------------------------|--|
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS KIRORI MAL COLLEGE, DELHI | 16.Jul.2008 - 15.Jul.2011 | Member of the Hostel admission committee |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS KIRORI MAL COLLEGE, DELHI | 01.May.2010 - 31.Dec.2010 | Admission in charge, Physics Department, K. M. College |

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| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 01.May.2010 - 01.May.2011 | (a) Teacher in charge, Department of Physics, Kirori Mal College (b) Member of the Proctorial committee, Kirori Mal College |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 16.Jul.2011 - 15.Jul.2013 | Member of canteen committee |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 16.Jul.2011 - 15.Jul.2014 | Member of the central committee for computer |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 16.Jul.2012 - 31.Dec.2012 | Practical Exam Coordinator, Kirori Mal College |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 16.Jul.2011 - 15.Jul.2016 | Member of Timetable committee |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 16.Jul.2013 - 15.Jul.2014 | 1. Member of the purchase committee 2. Member of Library committee 3. Convener of Stoke taking committee |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | PHYSICS MAL DELHI | KIRORI COLLEGE, | 16.Jul.2014 - 15.Jul.2016 | Member of the Standing committee |
| ADMINISTRATIVE ASSIGNMENTS | PROFESSOR | ALL DEPARTMENT Kirori Mal College | | 01.Jun.2023 - 31.May.2024 | Convener, Standing Committee for Monitoring Admissions |
| ADMINISTRATIVE ASSIGNMENTS | PROFESSOR | PHYSICS Kirori Mal College | | 17.Jul.2023 - 30.Jun.2024 | Convener, Departmental Workload committee |
| ADMINISTRATIVE ASSIGNMENTS | PROFESSOR | PHYSICS Kirori Mal College | | 17.Jul.2023 - 30.Jun.2024 | Member, Departmental Timetable committee |

4. Other Profiles

Other Profile Name/ Description

SUBJECTS TAUGHT

Electricity and magnetism

AREAS OF INTEREST/ SPECIALIZATION

Atomic and molecular physics, Electromagnetic shielding

SUBJECTS TAUGHT

Atomic and molecular physics, Mathematical physics, Quantum physics, Mechanics and Optics

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 |
|------|------------------|--------------------|----------|-------------------|------------------|
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7. Publications

| Category | Publication Name | Title | Name of Author | Reference Link/ DOI Link | Publication (Month-Year) |
|-------------------------------|--|--|--|---|--------------------------|
| JOURNAL PAPER (International) | EMI shielding of ABS composites filled with different temperature treated equal quantity charcoals | RSC Advances | Krishna Kamal Halder, V. K. Sachdev, Monika Tomar and Vinay Gupta (First Author) | https://www.scopus.com/sourceid/21100199840 | November 2019 |
| JOURNAL PAPER (International) | Development of polyvinylidene fluoride - graphite composites as an alternate material for electromagnetic shielding applications | Materials Research Express | Krishna Kamal Halder, V. K. Sachdev, Monika Tomar and Vinay Gupta (First Author) | https://www.scopus.com/sourceid/21100432452 | December 2019 |
| JOURNAL PAPER (International) | Carbonized charcoal loaded PVDF polymer composite: A promising EMI shielding material | Arabian Journal of Science and Engineering | Krishna Kamal Halder, V. K. Sachdev, Monika Tomar and Vinay Gupta (First Author) | https://www.scopus.com/sourceid/13951 | June 2019 |

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| JOURNAL PAPER (International) | Green Synthesis of Bimetallic Au/Ag Nanostructures Using Aqueous Extract of Eichhornia crassipes for Antibacterial Activity | BioNanoScience | A Halder, R Biswas, PP Kushwaha, KK Halder, I Ahmed, H Singh, S Kumar and K K Haldar (Joint Author) | https://www.scopus.com/sourceid/21100204924 | February 2022 |
| JOURNAL PAPER (International) | CoFe ₂ O ₄ nanoparticles decorated MoS ₂ -reduced graphene oxide nanocomposite for improved microwave absorption and shielding performance | RSC Advances | J. Prasad, A.K. Singh, Krishna Kamal Halder, Monika Tomar, Vinay Gupta, K. Singh (Joint Author) | https://www.scopus.com/sourceid/21100199840 | November 2019 |
| JOURNAL PAPER (International) | Lightweight reduced graphene oxide-Fe ₃ O ₄ nanoparticle composite in the quest for an excellent electromagnetic interference shielding material | Nanotechnology | A K Singh, A Kumar, Krishna Kamal Haldar, Vinay Gupta and Kedar Singh (Joint Author) | https://www.scopus.com/sourceid/110040 | June 2018 |
| JOURNAL PAPER (International) | Electromagnetic interference shielding effectiveness in 3D flower-like MoS ₂ -rGO/gadolinium-doped nanocomposites | Nanotechnology | J Prasad, A K Singh, Krishna Kamal Haldar, Vinay Gupta and Kedar Singh (Joint Author) | https://www.scopus.com/sourceid/12325 | September 2019 |

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|-------------------------------|--|------------------------------------|--|---|---------------|
| JOURNAL PAPER (International) | CdSe/V2O5 core/shell quantum dots decorated reduced graphene oxide nanocomposite for high-performance electromagnetic interference shielding application | Nanotechnology | A K Singh, AN Yadav, A Srivastava, Krishna Kamal Haldar, Mohika Tomar, Andrei V Alaferdov, Stanislav A Moshkalev, Vinay Gupta and Kedar Singh (Joint Author) | https://www.scopus.com/sourceid/110040 | November 2019 |
| JOURNAL PAPER (International) | Graphitic Carbon Nitride Composites with MoO3-Decorated Co3O4 Nanorods as Catalysts for Oxygen and Hydrogen Evolution | ACS Applied Nano Materials | I Ahmed, R Biswas, RA Patil, KK Halder, H Singh, B Banerjee, B Kumar, Y R Ma and K K Haldar (Joint Author) | https://www.scopus.com/sourceid/21100914527 | March 2021 |
| JOURNAL PAPER (International) | Dumbbell-Shaped Ternary Transition-Metal (Cu, Ni, Co) Phosphate Bundles: A Promising Catalyst for the Oxygen Evolution Reaction | ACS Applied Materials & Interfaces | H Singh, R Biswas, I Ahmed, P Thakur, A Kundu, A R Panigrahi, B Banerjee, K K Halder, J Lahtinen, K Mondal, K K Haldar (Joint Author) | https://www.scopus.com/sourceid/19700171101 | February 2022 |

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 |
|------|------------------------------|------------------------|---------------------------------|---------------------|------------------------------|
| 2018 | REFRESHER COURSE ATTENDED | ASSISTANT PROFESSOR | University | Refresher course | 27.Nov.2018 - 17.Dec.2018 |
| 2019 | REFRESHER COURSE ATTENDED | ASSOCIATE PROFESSOR | University | Refresher course | 17.Sep.2019 - 30.Sep.2019 |

Prof. KRISHNA KAMAL HALDER