

CURRICULUM VITAE

Dr Rahul Kaushik

Assistant Professor, Department of Physics

H.V.M. (P.G.) College, Raisi, Haridwar, Uttarakhand

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Career Objective:

Achieve success in every aspect of life in a strictly controlled and reliable manner with high moral and ethical values and facilitate the students in understanding, researching, & practicing the core concepts of Physics. As well as to work for the growth of institutions enthusiastically in academic and administrative areas.

Educational Summary:

- Ph. D. (Doctor of Philosophy) in Physics
From Department of Physics, Gurukula Kangri Vishwavidyalaya, Haridwar, (Uttarakhand)
- NET (National Eligibility Test) qualified in Physical Sciences with All India Ranking (AIR- 0042) jointly organized by UGC-CSIR, New Delhi.
- M. Tech. (Master of Technology) in Material Science & Engineering
From School of Physics & Material Science, Thapar University, Patiala (Punjab)
- M. Sc. (Master of Science) in Physics with Specialization in Electronics
From Chaudhary Charan Singh University, Meerut, (Uttar Pradesh)
- B. Ed. (Bachelor of Education)
From Chaudhary Charan Singh University, Meerut, (Uttar Pradesh)
- B. Sc. (Bachelor of Science) in Physics, Mathematics and Computer Application
From Chaudhary Charan Singh University, Meerut, (Uttar Pradesh)

Experience:

- Teaching/ Research: 17 Years

Research Interest:

- Bio-Electromagnetics, Environmental Physics, Nanotechnology, Material Science

Academic Achievements:

- NCC (National Cadet Corps) “C” Certificate (Army Wing)
- GATE (Graduate Aptitude Test in Engineering) qualified in Physics
- Course on Computer Concepts from National Institute of Electronics & Information Technology New Delhi

Research Details (Last Ten Years 2016-2026):

- Research papers published in the journals of national/ international repute : 23
- Research papers presented in the national and international Conferences/ Seminars : 16
- Chapters published in edited books with ISBN : 07
- Indian Patent Published : 08
- Books : 03
- Workshops Attended : 23
- Faculty Development Programme (FDP) Attended : 34
- Conferences/ Seminars/ Webinars/ Distinguish Lecture Attended : 70
- Attended Faculty Induction Programme (Guru Dakshtha) organized by UGC-HRDC, University of Allahabad, Prayagraj, Uttar Pradesh
- Attended Two Week Refresher Course in Physics organized by Teaching Learning Centre, Ramanujan College, University of Delhi
- Attended Two Week Refresher Course in Physics organized by UGC-HRDC, Kumoan University, Nainital Uttarakhand
- Attended Two Week “Refresher Course on Recent Advancements in Materials Physics and Chemistry” organized by UGC - MMTTC, Indian Institute of Teacher Education (IITE), Gandhinagar, Gujrat.
- Attended Two Week “Refresher Course on Teaching & Research in Sciences” organized by UGC-MMTTC- Punjab University, Chandigarh.
- Attended Two Week NEP 2020 Orientation & Sensitization Programme organized by Malviya Mission Teacher Training Centre, Hemwati Nandan Bahuguna University Garhwal Uttarakhand

- Attended Two Week NEP 2020 Orientation & Sensitization Programme organized by Malviya Mission Teacher Training Centre, University of Delhi, New Delhi

Administrative Responsibilities:

- Coordinator, IQAC (Internal Quality Assurance Cell)
- Nodal Officer, AISHE

Research Supervision:

- Post Graduation Dissertation Supervised: 32
- Ph.D. Supervised: 03 (Ongoing)

Reviewer/ Editorial Board Member:

- Reviewer member of editorial board for Journals of Applied Computational Electromagnetic Society (ACES).
- Reviewer member of editorial board for Genic Publications Pvt. Ltd. Agra Uttar Pradesh.

Membership of Professional Institutions/ Organizations:

- Life member of Indian Science Congress Association (ISCA)
- Life member of Indian Association of Physics Teachers (IAPT)

Courses Taught:

PG Level: Solid State Physics, Condensed Matter Physics, Atmospheric Physics, Atomic & Molecular Physics, Electrodynamics, Communication Electronics.

UG Level: Mechanics, Electricity & Magnetism, Laser System & Applications, Thermal Physics & Statistical Mechanics, Waves & Optics, Elements of Modern Physics, Solid State Physics, Applied Optics, Electronics, Digital & Analog Circuits & Instruments.

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