

Dr. Mukesh Chandra

Assistant Professor(SG)

Education: M.Sc (HNB Garhwal Central University), M.Tech (IIT Delhi), Ph.D. (IIT Delhi)

E-mail: mukesh.chandra[AT]juet.ac.in

Contact No. : Ext. - 125

Areas of Interest: Nanomaterials and Thin Films; Magnetic and Multiferroic materials; Electrode Materials for Energy Storage Devices; Materials for Spintronic Devices.

Brief Profile:

Dr. Mukesh Chandra Dimri obtained his M.Sc. in Physics from HNB Garhwal University (DAV College Dehradun) in 1998. He completed his M.Tech. (2000-2002) and Ph.D. (2002-2007), both from IIT Delhi. He then worked as a BK21 Post-doctoral Fellow (2007-2008) at Pohang University of Science and Technology in South Korea. Following this, he moved to Europe to continue his post- doctoral research in Estonia and Finland, supported by the Estonian Science Foundation Fellowship (2008-2010) and the European Union Mobilitas grant (2010-2013).

Dr. Dimri served as an Assistant Professor at AKGEC, Ghaziabad, from 2013 to 2014. Since July 2014, he has been associated with Jaypee Universities, first at JU Anoopshahr (2014-2020) and currently at JUET Guna (2020 - Present). He has presented and delivered talks at various conferences in India and abroad. Additionally, he is an active reviewer for several prestigious international journals, including those published by Elsevier, Springer, Wiley, and IOP. He has also efficiently served as an observer for several prestigious exams, such as IIT JEE, NEET, and UGC NET, across multiple examination centres.

Professional Achievements:

Best Paper Award : International Conference on Recent Trends in Materials Science & Devices, 2023.

Post Doctoral Fellowships : Mobilitas Grant (European Union); BK-21 Fellowship (South Korean Government).

CSIR NET : Qualified NET-JRF and Lectureship Exam (June 2000).
GATE 2000: AIR 79 (Physics).

Teaching and Research Experience: 23 years

Research Guidance:**PhD Supervision:**

- Awarded: 01 (Pankaj Agarwal, (June 2023), Chaudhary Charan Singh Univ. Meerut)
- Ongoing: 01, (Ms.Ritambhara. Enrolment Number: 243H001, Physics Department, JUET Guna).

MSc Thesis: 01 (Pranjal Agarwal, 2017-2018, Visva-Bharati University, Shantiniketan, West Bengal).

Research Projects:

- Ongoing (April 2023 onwards): "Synthesis and studies of Garnet thin films for Magnon Spintronic Devices," Collaborative Research Scheme (CRS) Project of UGC-DAE CSR, Grant: Rs 0.45 Lakh per year (for three years).
- Completed: Project MJD65: "Magnetic studies on doped dielectric oxides (ZrO₂ and TiO₂) for spintronic applications" (1.08.2010–31.07.2013), European Union, Total Grant: 90,243/ EURO.

Membership of Professional Bodies:

- Material Research Society of India (MRSI): Life Member.
- Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES): Life Member.
- Indian Association of Physics Teachers (IAPT): Life Member.

Administrative Responsibilities :

- Head of Department: August 2014 – August 2020 (Jaypee University Anoopshahr)
- Dean Academics (In charge): November 2019 – August 2020 (Jaypee University Anoopshahr)
- Hostel Warden: August 2014 – October 2016 (Jaypee University Anoopshahr)
- Hostel Warden: July 2023 – Present (JUET Guna)

Publications:

International Journals: 34 (SCI/Scopus: 30, Non-SCI: 04)

Proceedings : 06

International Conferences: 40

National Conferences: 06

Research Profile Links:

<https://juet.irins.org/profile/196833>

<https://www.researchgate.net/profile/Mukesh-Dimri>

<https://scholar.google.co.in/citations?user=6-Nl0GYAAAAJ&hl=en>

Publication@JUET

[Publication details google profile link](#)