

FACULTY PROFILE

DR. WASEEM UL HAQ

Assistant Professor of Physics, JKHED



ABOUT ME

Hails from Village Kalaban in Mendhar, Poonch, J&K, India

EDUCATION

Ph.D. Physics

Indian Institute of Technology (IIT) Delhi

M.Sc. Physics

Central University of Haryana.

Graduation

Govt. Degree College Mendhar.

JKPSC-AP, 2019

CSIR-UGC, NET JRK-SRF, 2016

CUET (PG) 2015

TEACHING EXPERIENCE

JKHED

- GDC Surankote 2021-2023
- GDC Poonch 2023-TILL DATE

Research Articles

- RSC-PCCP, 2024,26, 5311-5322.
- RSC-PCCP, 2025,27, 3701-3714.
- Taylor & Francis, MT-APM, 2021, 09, 1051-1061.

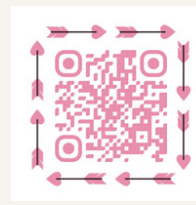
RESEARCH INTEREST

Nano-Science and Nano-technology, Ion-material interactions, and energy materials.

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GOOGLE SCHOLAR



WHATSAPP GROUP LINK

RESEARCH INTERNATIONAL CONFERENCES IN LAST 5 YEARS

- 1. Presented a poster on the topic **"Synthesis and Characterization of Gd₂O₃-CeO₂ and its behavior against 80 MeV Ag ions irradiation"** in **EMRS 2021, France** 31st May – 4th June 2021.
- 2. Presented research work on the topic **"The grain size effect in Gd₂O₃-CeO₂ upon 400 KeV Kr⁺ ions irradiation and its radiation tolerance"** in **IBMEC-22, IUAC** 16th -19th November 2022.
- 3. Research work presented on the topic **"Investigation Of Gd₂O₃-CeO₂ And Its Behavior Against 80 MeV Ag Ions Irradiation"** in **ICNOC-22, JMI** 28th -29th November 2022.
- 4. Presented a research work entitled "The role of Nano-grain size vs bulk in low/high energy ion irradiation at room temperature; induced modifications and radiation tolerance" at the **5-day International Conference on Nanotechnology for Better Living** held at NIT Srinagar from 25th – 30th May 2023.
- 5. Presented an oral presentation on the topic of "Synthesis and Characterization of Gd₂O₃-CeO₂ and its behavior against 80 MeV Ag ions irradiation" in **"4th Departmental symposium Advances in Physics 2020"** in the **Dept. of Physics IIT Delhi** on 1st-3rd Dec. 2020.

Workshops/Seminar Attended

- Attended **Indo-French Seminar** on "Radiation Damage in Nuclear Materials (Radium-2019)" from 18-20, February 2019. at **AMITY Institute of Nanotechnology, Noida, India**.
- Attended a 3-day workshop on **"Advanced Simulation Method: DFT, MD and Beyond"** held at **IIT Delhi** from March 6-10, 2019.
- Attended workshop **"International School on Ion beams in Materials Science"** on (3rd -7th, October 2018) at **IUAC, New Delhi**.

ACADEMIC PORTFOLIO

LAST 5 YEARS

- Acted as **organizing member** Two Day Interdisciplinary International conference on "**Recent trends in Sciences, Humanities, Social Sciences and Languages**" at GDC Surankote **20 & 21/03/2023**.
- Organized and participated in A **two-day multi-disciplinary National conference** organized by **SKC GDC Poonch and SCS GDC Mendhar** on the **2nd and 3rd of March 2024**.
- Delivered an **invited talk** on 13-03-2023 in **7-day workshop** on **career development for Non-teaching staff** tools and techniques for an effective performance organized by **GDC Mendhar**.
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- **As Nodal officer Cyber jagrukta Diwas organised** two extension lectures at GDC Surankote on 01-04-2022 & 22-04-2022

FIP/ORIENTATION/REFRESHER PROGRAMMES

- Successfully completed a **4-Week Induction/Orientation Programme** for "Faculty in Universities/Colleges/Institutes of Higher Education" organized by **TLC Ramanujan College, University of Delhi** from **20 December, 2021 – 19 January, 2022** and obtained **Grade A+**.
- Successfully completed online interdisciplinary **two-week Refresher Course** in "**Managing Online Classes & Co- creating MOOCS 20.0**" MOOCs organized by **TLC Ramanujan College, University of Delhi** from 07 – 21 November 2022 and obtained **Grade A+**.
- Successfully completed **5-Day online FDP program by Scroll well** and GDC Bhagwati Nagar Jammu in October 2022.

ACADEMIC PORTFOLIO LAST 5 YEARS

- During pandemic, organized **one day national-level** webinar on **Virtual lab and hands-on training session** as well on 07-06-2021.
- Participated in one day **International web conference** on Gandhian Philosophy organized to commemorate the **International Day** of Non Violence on the theme “ **The power of non-violence**” on October 03, 2022
- Attend the **National Conference** on NEP at **IIM Jammu** organised by UGC.
- Attended a **two-day workshop on E-yantra** at the **University of Jammu**. Dated: 24 & 25-11-2024.
- Organized **National Webinar** on “**Strategies to Crack Competitive Examination After Graduation**” Organized by GDC Surankote in collaboration with **Institute For Advanced Studies Pune**.
- The **Department of Physics at SKC Government Degree College (GDC)** Poonch organized a grand celebration of **National Space Day 2024**, bringing together students, faculty, and esteemed guests to explore the wonders of **space science and technology**.

Board of Studies & design of NEP-2020 syllabus

Attended **Meeting of Board of Studies** in the **Dept. of Physics University of Jammu**

S.No.	Name	Date
1	Dr. Waseem Ul Haq	28-07-2022.
2	Dr. Waseem Ul Haq	31-05-2023.
3	Dr. Waseem Ul Haq	29-05-2025