

AHSAN UL HAQ

MSC PHYSICS|

+91-7006247927
AHSANULHAQRESHI@GMAIL.COM
SHOPIAN/ARHAMA, J&K-INDIA

EDUCATION

2022-2024	Master of Science: Physics University of Kashmir, Hazratbal, Srinagar J&K. <ul style="list-style-type: none">CGPA 8.74Percentage 87.4 %
2018-2021	Bachelor of Science (Major in Physics) Indra Gandhi National Open University (IGNOU). <ul style="list-style-type: none">Percentage 66.22%
2015	Higher Secondary School (12th (PCMB)) New Greenland Higher Secondary School Shopian (JKBOSE) <ul style="list-style-type: none">Qualified with Distinction (78.4%)
2014	Higher Secondary School (11th (PCMB)) New Greenland Higher Secondary School Shopian (JKBOSE) <ul style="list-style-type: none">Qualified with Percentage (94.0%)
2013	Secondary School (10th) New Greenland Higher Secondary School Shopian (JKBOSE) <ul style="list-style-type: none">Qualified with Percentage (71.2%)

EXPERIENCE

Workshops Attended:

2024	International Symposium on Semiconductor Materials and Devices-2024. Organized by Department of Physics University of Kashmir and Semiconductor Society (India).
2024	3-Day High-Performance Computing (HPC) Workshop Organized by The IUCAA Centre for Astronomy Research and Development (ICARD) and Department of Physics, University of Kashmir.
2023	5-day Resonance Science Outreach Program Jointly organized by the Indian Academy of Sciences, Bangalore and the University of Kashmir, Srinagar held at the University of Kashmir, Srinagar from October 10-14, 2023.

2022

8-week McMedHacks 2022 Summer School, which consisted of weekly seminars and coding workshops about Deep Learning and Medical Image Analysis.

Organized by:

Jewish General Hospital, Lady Davis Institute for Medical Research,
Reseau de Recherche sur le Cancer, McGill University McGill Centre for
Translational Research in Cancer and Fonds de recherche Santé, Quebec

PROJECT WORK

2024

3 Months project titled” Enhancing Cancer Care Through Radiation Beam Profiling and Quality Assurance”

Under Joint Supervision of Prof. Mohib ul haq (Department of Radiological Physics and Bioengineering, Sher - I - Kashmir Institute of Medical Sciences Soura Srinagar J&K) and Dr. Waheed Ahmad Dar (Department of physics university of Kashmir Hazratbal Srinagar J&K)

Project Aim

In this project, I studied the crucial role of medical physicists in optimizing cancer treatment through precise radiation beam profiling and rigorous quality assurance (QA) protocols. By focusing on accurate radiation delivery and stringent QA measures, the project highlights how physics-based innovations contribute to improved therapeutic outcomes, reduced side effects, and enhanced patient care in oncology.

ACHIEVEMENTS

- Gold Medalist in M.Sc. Physics (University of Kashmir, 2024).
- Selected for IASc-INSa-NASi Focus Area Science Technology Summer Fellowship (2023)

SKILLS & ABILITIES

- Hands-on experience with High-Performance Computing (HPC) for large-scale physics simulations (certified via ICARD workshop).
- Working knowledge of Python, MATLAB and C language for basic programming tasks and algorithm implementation.
- Working proficiency MS - Office
- Excellent scientific communication
- Adaptability & Continuous Learning
- Time Management & Organization
- Collaborative teamwork across interdisciplinary medical and physics teams.

LANGUAGES

1. Kashmiri (Native)
2. English (Professional working proficiency)
3. Urdu/ Hindi (Professional working proficiency)