



JUNAID UL ISLAM

Date of birth: 06/11/1997 | **Nationality:** Indian | **Gender:** Male | **Phone number:**

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<https://www.researchgate.net/profile/Junaid-Islam-4/research> |

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Address: HANDWARA , JAMMU AND KASHMIR, 193221, Srinagar, India, India (Home)

Address: Gachibowli, Telangana, 500032, Hyderabad, India (Work)

WORK EXPERIENCE

ASSISTANT PROFESSOR (MEDICAL RADIOLOGY AND IMAGING TECHNOLOGY) – MAULANA AZAD NATIONAL URDU UNIVERSITY – 15/05/2024 – Current – HYDERABAD, INDIA

- Higher Education teaching.
- Member of NCAHP committee MANUU.
- Member of Board of Studies.

ASSISTANT PROFESSOR – BRAINWARE UNIVERSITY – 04/09/2023 – 14/05/2024 – KOLKATA, INDIA

- EXAMINATION COORDINATOR
- MRI SIMULATOR INSTRUCTOR (Siemens)
- PROJECT GUIDE

MRI TECHNICIAN – MEDICARE HOSPITAL – 27/04/2023 – 29/05/2023 – SRINAGAR, INDIA

WORKED ON A 3T MRI POWERED BY SIEMENS HEALTHINEERS

INTERN – SHARDA HOSPITAL – 31/08/2020 – 28/02/2021 – GREATER NOIDA, INDIA

Worked in diverse areas of department of Radiology and other hospital functionaries. Areas indulged in included: Computed Tomography, MRI, Emergency X-Rays, Paediatric Radiography, Interventional Radiography, Special Procedures et al.

EDUCATION AND TRAINING

01/08/2021 – 30/06/2023 Gurgaon, India

MASTER OF RADIO IMAGING TECHNOLOGY SGT UNIVERSITY

Radiation Physics, General Radiology, Special Procedures, Advance Imaging, Dark Room Processing, Radiation Protection and advance diagnostics, Equipment operation and quality control, MRI-Imaging-Basic principle and techniques, Hospital management and care of patient, Mammography Ultrasound and echocardiography, nuclear medicine and PET, Interventional radiology, MRI and CT application and imaging protocols.

Website www.sgtuniversity.ac.in | **Field of study** Health and welfare | **Final grade** 7.33 SGPA |

Thesis THE ROLE OF HRCT IN INTERSTITIAL LUNG DISEASES IN MALES

- Radiation Physics, Radiology, Special Procedures, Advance Imaging, Dark Room Processing, Radiation biology-hazards and Protection (Patient Care)

Address Sharda University Knowledge park 3 greater noida, Gautam buddha nagar, 201310, GREATER NOIDA, India |

Website www.sharda.ac.in | **Field of study** Medical diagnostic and treatment technology | **Final grade** 8.07 CGPA

2014 HANDWARA, India

HIGHER SECONDARY SCHOOL GOVT. BOYS HIGHER SECONDARY SCHOOL HANDWARA

2012 HANDWARA

HIGH SCHOOL MONARCH SECONDARY SCHOOL HANDWARA

● **CERTIFICATIONS**

22/07/2024 – 30/07/2024

Certificate Course in Medical Physics

Link <https://www.undip.ac.id/language/en/profile>

● **PUBLICATIONS**

2026

[Diagnostic Utility of Low-Dose Spiral HRCT in the Evaluation of Diffuse Lung Diseases: A Comprehensive Cross-Sectional Study from a Tertiary Care Centre in India Corresponding Author](#)

Diagnostic Utility of Low-Dose Spiral HRCT in the Evaluation of Diffuse Lung Diseases: A Comprehensive Cross-Sectional Study from a Tertiary Care Centre in India . VER [Internet]. 2025 Oct. 27 [cited 2026 Apr. 8];8(4s):254-66.

Journal Name: Vascular and Endovascular review | **Volume, Issue and Pages:** Vol. 8 No. 4s (2025): Vascular & Endovascular Review

2025

Evaluation Of Radiographic Skills Of Radiographers During Patient Load And Their Behavior Towards Patients

Junaid G, Iftaq PM, Saraswati K, Thakur S, Islam JU. Evaluation Of Radiographic Skills Of Radiographers During Patient Load And Their Behavior Towards Patients. J Neonatal Surg [Internet]. 2025Jun.26 [cited 2025Jul.11];14(32S):2360-5.

Volume, Issue and Pages: Vol. 14 No. 32S (2025)

2025

[Knee Pain Evaluation: MRI's Role in Comprehensive Diagnosis](#)

Islam JU, Aryal B. Knee Pain Evaluation: MRI's Role in Comprehensive Diagnosis. J Neonatal Surg [Internet]. 2025May13 [cited 2025Jul.11];14(23S).

<https://doi.org/10.63682/jns.v14i23S.2465>

Volume, Issue and Pages: Vol. 14 No. 23S (2025)

2025

Assessment of Radiation exposure: An in depth analysis of dose Evaluation in Contrast Enhanced Computed tomography abdomen imaging

doi: 10.25259/ANAMS_63_2024

2024

[SIGNIFICANCE OF MRCP IN ASSESSING HEPATOBILIARY ABNORMALITIES](#)

<https://spjmhs.com/index.php/ijmi/article/view/13>

Google Scholar

2024
[Insights into Lumbar Spine Health: MRI'S Diagnostic Efficacy IN Assessment of Lumbar Spine](#)

Scopus

2024
[Advancements in Neuroimaging: The Role of Artificial Intelligence in Volumetric Analysis](#)

2024
[THE ROLE OF HRCT IN INTERSTITIAL LUNG DISEASES IN MALES](#)

Scopus

JOURNAL OF CHEMICAL HEALTH RISKS

2024
[RELEVANCE OF COMPUTED TOMOGRAPHY GUIDED LUNG BIOPSY IN EVALUATING LUNG LESIONS WITH HISTOPATHOLOGY CORRELATION](#)

Scopus

2024
Insights into Lumbar Spine Health: MRI's Diagnostic Efficacy in assessment of lumbar spine

Scopus

2023
[ROLE OF MRI IN DETECTION OF LUMBER SPINE PATHOLOGIES USING 1.5 TESLA MRI](#)

Google Scholar

● **PATENT**

16/02/2026
ARTIFICIAL INTELLIGENCE BASED BRAIN TUMOR DETECTION DEVICE

Publisher: The Patent Office, Government of India
Design Number: 477420-001

09/06/2025
CT SCAN WITH REAL-TIME MOTION CORRECTION FOR CARDIAC IMAGING

Publisher: The Patent Office, Government of India
Design Number: 450905-001

10/04/2026
Machine learning -enabled orbit coil system for adaptive signal optimization and high resolution Magnetic Resonance Imaging

Application Number:20261038421 A

Link <https://me-l.co/zy3nabx1>

● **BOOKS**

2025
Quality Assurance of Medical Imaging Equipment

SPJ Publications

● **BOOK CHAPTERS**

06/01/2025
MRI GLOVES: REVOLUTIONIZING MEDICAL IMAGING

SPJP Proceedings
<https://journal.spjinternational.co/index.php/spjpp/article/view/8>

Link <https://doi.org/10.62502/spjpp/5qkxew46>

● **ACCEPTED ABSTRACTS**

Towards Mitigating Radiological Health Disparities Using Virtual Strategies In Global Medical Physics Education: A RAD AID International Example

The Abstract was accepted at "Arthur Boyer Award For Innovation In Medical Physics Education" 66th Annual Meeting And Exhibition of the American Association of Physicists In Medicine In Los Angeles

Link <https://w4.aapm.org/meetings/2024AM/>

● **RESOURCE PERSON**

WEBINAR ON LEAD-FREE RADIATION PROTECTION(ZERO LEAD APRONS DEMYSTIFIED)

Presented groundbreaking insights on the implementation of zero lead apron technology in medical imaging, leading to increased awareness among attendees and discussions on its potential to minimize radiation exposure for healthcare workers and patients.

Link <https://niu.edu.in/lead-free-radiation-protection-zero-lead-aprons-demystified/>

● **PAPER'S PRESENTED**

THE ROLE OF HRCT IN INTERSTITIAL LUNG DISEASES IN MALES

The paper was presented at BRAINHEALTHCON 2023.

● **NETWORKS AND MEMBERSHIPS**

28/12/2023 – CURRENT Europe
EUROPEAN SOCIETY OF RADIOLOGY

● **LANGUAGE SKILLS**

Mother tongue(s): **KASHMIRI** | **URDU**

Other language(s): **ENGLISH** | **HINDI**

● **SKILLS**

🖨️ Microsoft Office Suite | Presentation design | Email - communication | Microsoft Office

● **TECHNICAL SKILLS**

Imaging Techniques

MRI, CT, Ultrasound, X-Ray Imaging, Special Procedures, Dental Imaging, Radiation Dosimetry,

Radiation Safety

Radiation Protection, Radio-Biology, Safety Complainces

● **CONFERENCES AND SEMINARS**

26/02/2025 Maulana Azad National Urdu University, Hyderabad.
National Conference on Emerging Trends in Diagnostic Radiology

Organizing Committee

16/02/2024 – 18/02/2024 Delhi

2nd ISMRM Workshop on accessible MRI

Workshop organized by International Society of Magnetic Resonance Imaging on accessibility of MRI featuring instrumentation advancements.

Link <https://www.ismrm.org/workshops/2024/AccessibleMRI2/>

08/12/2023 – 10/12/2023 BRAINWARE UNIVERSITY KOLKATA

BRAINHEALTHCON 2023

**An international conference organized by department of Allied Health Sciences Brainware University.
Theme: Translational Research for Sustainable Development on Public Health Care.
Recent Trends In Advanced Medical Imaging**

22/09/2022 SGT UNIVERSITY

EMERGING TRENDS AND INNOVATION IN MODERN IMAGING TECHNOLOGY

27/11/2021 SUSHANT UNIVERSITY

INNOVATION IN RADIOGRAPHY AND IMAGING EXPERTISE

28/09/2019 SHARDA UNIVERSITY

NEUROIMAGING

● **PROJECTS**

CURRENT

Siemens PEP Connect

Completed online modules on MR pulse sequences, Management of field uniformity in MRI, MRI cardiac morphology techniques, Maintenance of CT system et.al.

Link <https://pep.siemens-info.com/en-us/activity>

CURRENT

GE Techaspire

Completed modules on Contrast media used in Radiology and Imaging Procedures.

Link https://www.techaspire.com/ge_techaspire/training_academy.jsp

● **VOLUNTEERING**

21/03/2019 – 23/03/2019 SHARDA UNIVERSITY

FAREWELL FEST

01/06/2022 – 30/06/2022 SGT UNIVERSITY

SUMMER INTERNSHIP

11/04/2023 – 13/04/2023 SGT UNIVERSITY

EK BHARAT SHRESHTHA BHARAT

● **RECOMMENDATIONS**

Prof. S. Maqbool Ahmed Head of Department

Department of Vocational Studies and Skill Development

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Dr. Abhishek Jana Head of Department

Allied Health Sciences, Brainware University, Kolkata.

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Mr. Subhamoy Satpathy Program Coordinator

- Department of Allied Health Sciences, Radiology and Imaging Technology Brainware University Kolkata India

Email subhamoysatpath7@gmail.com | **Phone** (+91) 7602264307

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- Department of Radiodiagnosis and Imaging, Faculty of Medical and Health Science, SGT UNIVERSITY.

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-Department of Radiodiagnosis and Imaging, Faculty of Medical and Health Sciences, SGT UNIVERSITY.

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- Department of Radiodiagnosis and Imaging, Faculty of Allied Health Sciences, SAHS, SHARDA UNIVERSITY.

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Mr. Navreet Assistant Professor

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