

**Name:** RAJKUMAR G

**Designation / Course:** Assistant Professor

**Department:** Radiology and Imaging Technology

**Institution:** SOAHS, Malla Reddy University.

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### **Brief Profile:**

Possesses a strong academic foundation in Radiology and Imaging Technology, with focused training in diagnostic imaging modalities including X-ray, fluoroscopy, CT, MRI, and ultrasound. The academic journey emphasizes both theoretical principles and clinical applications, enabling effective integration of classroom teaching with real-world clinical practice.

### **Educational Qualifications**

- B.Sc Radiology and Imaging Technology
- M.Sc Radiology and Imaging Science Technology
- Ph.D (Pursuing)

### **Teaching & Research Experience (past and present)**

- **Assistant Professor** at Malla Reddy University, Hyderabad. (September 2023 to present)

### **Areas of Interest / Specialization (Skills / Expertise)**

- Magnetic Resonance Imaging (MRI): Physics, Instrumentation, and Clinical Applications
- Radiation Physics, Radiation Protection, and Dose Optimization
- Interventional Radiology
- Computed Tomography and clinical applications

**Publications - 02**

**Books/Book chapters – 02**

**Seminars attended – 30**

**Workshops attended – 5**

**Major/Minor research projects:**

- “A Pivotal Role of Magnetic Resonance Imaging in Evaluation of Seizure”
- “Comparison of Conventional Fast Spin Echo Sequences with T2 Fast Spin Echo Dixon Sequence in Evaluation of Lumbar Degenerative Disc Disease.”

**Awards/Achievements / Certifications/Memberships/Resource persons**

- Lifetime membership from the Indian Society of Radiographers and Technologists – Credential LM-MI 17403/2024
- Lifetime membership from the Society of Indian Radiographers and Technologists – SIR-6065.

**Online Training & Certifications**

- Basic Physics for the Radiographer Online Training – OUS
- CT System Maintenance Online Training – OUS
- Radiography: Past and Present
- MR Cardiac ECG Triggering Online Training – OUS
- MR Physics - Generating and Acquiring MRI signal online Training
- MULTIX Impact Safety Online Training
- Siemens Solutions for Dose Management Online Training – OUS
- SOMATOM go. Platform Hardware Overview Online Training