

Name: Ilankathir V K
Designation: LECTURER
Department: Department of Radiology and Imaging Technology
Institution: Malla Reddy University



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Brief Profile

Highly motivated and skilled academician with a Master of Science in Medical Imaging Technology. Proficient in teaching diagnostic imaging techniques, medical imaging software, and advanced technology integration, with a strong focus on delivering technical knowledge and guidance to students. Adept at conducting engaging lectures, developing effective curricula, and ensuring students gain practical expertise in cutting-edge imaging solutions. Driven by a passion for advancing education in healthcare technology and empowering students to excel in radiology and imaging sciences.

Educational Qualifications

- Masters in Medical Imaging Technology
- PG Diploma in AI&ML for Healthcare

Teaching & Research Experience (past and present)

- **Malla Reddy University - Dec 2024- Present**
- **Sri Venkateswaraa University- Oct 2024- Dec 2024**

Areas of Interest / Specialization (Skills / Expertise)

- CT
- MRI

Publications - 2

1) CT Measurement of Cerebral Venous Sinus Attenuation Using Hounsfield Unit for Non-Invasive Diagnosis of Anaemia

2) Black bone magnetic resonance imaging in clinical practice: Systematic review of current perspectives and insights

Books/Book chapters – 4

BOOK TITLE: ADVANCES IN MEDICAL IMAGING TECHNOLOGY-II

- 1) Diffusion Kurtosis Imaging
- 2) Deep Learning for Image Reconstruction

BOOK TITLE: Comprehensive MRI: From Physics to Clinical Practice

- 1) MR Pulse Sequences: Principles, Optimization and Clinical Applications
- 2) Trade-Offs in MRI: Balancing, Contrast, Resolution, Signal and Scan Efficiency.

Seminars attended – 10

Workshops attended – 10

Major/Minor research projects:

- Volumetric Analysis on Pulmonary Arteries using CTPA

Awards/Achievements / Certifications/Memberships/Resource persons

- Indian Society of Radiographers and Technologists- Lifetime Member-LM-MI
18828/2024
 - IBM Machine Learning Professional Certification.
 - Recipient of **USMAN ALI BAI GOLD MEDAL** in MSc Medical Imaging Technology for the year 2024