

**Name:** Ms Divya Gopu

**Designation / Course:** Assistant Professor- Radiology and Imaging Science Technology

**Department:** Radiology and Imaging Technology

**Institution:** Malla Reddy University, School of Allied and Healthcare sciences, Hyderabad

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### **Brief Profile:**

Working as an Assistant Professor in Radiology and Imaging Technology with a strong foundation in academic teaching and professional practice. Holds an M.Sc. in Radiology and Imaging Science Technology and is currently pursuing a part-time PhD. Areas of academic interest include MRI, CT imaging, advanced post-processing techniques, and radiological research. Actively engaged in teaching, student mentoring, curriculum development, academic coordination, and contributing to research publications and scholarly activities..

### **Educational Qualifications**

- Pursuing Part-time PhD in Radiology and Imaging Science Technology (Jan 2025 onwards) in Chettinad Academy of Research and Education, Kelambakkam
- M.Sc. Radiology and Imaging Science Technology- 2023 in Chettinad Academy of Research and Education, Kelambakkam
- B.Sc. Radiology and Imaging Science Technology- 2021 in Chettinad Academy of Research and Education, Kelambakkam

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

- Assistant Professor, Department of Radiology and Imaging Technology, Malla Reddy University, Hyderabad (September 2023 – Present)- 2 years and 5 months

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

- Magnetic Resonance Imaging (MRI) and Advanced MRI Techniques
- Computed Tomography (CT) and Post-processing Applications
- Radiological Research and Image Analysis
- Radiomics, AI applications, and Simulation-based Teaching
- MRI Safety and Quality Assurance

### **Publications:**

1. Importance of Non-EP- DWI on reducing the Air-bone interface artefacts to improve the image quality in comparison with EP-DWI on MRI Brain, Volume 13 Issue, oct 2024, International Journal of Science and Research (IJSR) DOI: <https://dx.doi.org/10.21275/SR241020195237>

2. PCT Measurement of Cerebral Venous Sinus Attenuation Using Hounsfield Unit for Non-Invasive Diagnosis of Anaemia in the year 2025. Journal of Neonatal Surgery DOI: <https://doi.org/10.52783/jns.v14.3334>

**Book chapters :**

Published a book chapter entitled Role of TRICKS in MR Angiography in the book Advances in medical imaging technology international SCIENG publications in the year 2025.

**Seminars attended – 5****Workshops attended :**

1. Pre-Conference Workshop on MRI Techniques, SRIHER, Chennai (2023).
2. 3-Day Workshop on Meta-Analysis of Randomized Control Trials, CARE, Chennai (2021).
3. Hands-on Training on CT-Guided Biopsy of Soft Tissues, Chettinad Hospital & Research Institute (2021).

**Major/Minor research projects:**

1. Importance of Non-EP- DWI on reducing the Air-bone interface artefacts to improve the image quality in comparison with EP-DWI on MRI Brain.
2. A retrospective study on post-processing techniques involved in the identification of pulmonary thromboembolism in the CT Pulmonary angiogram

**Resource persons:**

1. Delivered a guest lecture on “Pixels to Prognosis” at the Conference on Newer Approaches and Innovations in Radiology, Tagore Medical College, Chennai, in July 2025.
2. Delivered a guest lecture on “Radiomics in Imaging” at the National Conference on Newer Approaches and Innovations in Radiology, Indra Ganesan Institutions, Trichy, in January 2025

**Achievements:**

1. Presented a paper titled “Time Resolved Imaging with Contrast Kinetics in MRA” at SCISRT, Cochin (2024).
2. Presented a poster on “Evaluation of Middle Ear Cholesteatoma in MRI using Non-Echo Planar Diffusion Weighted Imaging (Non-EP-DWI)” at SRIHER, Chennai (RITE Conference, 2023).
3. Presented a poster on “MRI Safety in Varying Magnetic Fields” at the State Conference, SIR TNPY, Trichy (2022)

**Certifications:**

1. NPTEL Certification – ECG: Interpretation and Application in Clinical Practice (IIT-based online course) in 2025.
2. NPTEL–CEC Certification: Research Methodology in Education in 2025.

**Memberships**

1. Lifetime Member of ISRT (Indian Society of Radiographers and Technologists) with Registration ID: LM-MI 17058/2023.
2. Enrolled with the National Commission for Allied and Healthcare Professions (NCAHP) in 2025