

### **Report on Faculty Development Programme (FDP)**

**Organized by:** Department of Medical Imaging Technology, NITTE Institute of Allied Health Sciences, in association with Staff Development Centre (NITTE, Deemed to be University) and Indian College of Radiological Technology (ICRT)

**Dates:** 23rd & 24th August 2025

**Venue:** MEU Hall, K. S. Hegde Medical Academy, Mangalore

The Department of Medical Imaging Technology, NITTE Institute of Allied Health Sciences, in collaboration with the Staff Development Centre, NITTE (Deemed to be University), and the Indian College of Radiological Technology (ICRT), organized a **Faculty Development Programme (FDP) “Synergizing Teaching and Research Strategies for Faculty Success”** on 23rd and 24th of August 2025 at MEU Hall, K. S. Hegde Medical Academy, Mangalore.

The FDP aimed at enhancing the teaching, research, and professional development skills of faculty members in the field of Medical Imaging Technology, with a strong focus on modern teaching methodologies, research practices, and the integration of Artificial Intelligence in education.

Three faculty members (Lecturers) from the Department of Medical Imaging Technology, College of Allied Health Sciences, Faculty of Medicine and Health Sciences, SRM Institute of Science and Technology - Tiruchirappalli, actively participated in this FDP. Their participation reflected the institute’s commitment towards continuous professional growth, quality teaching, and adopting modern trends in medical education.

#### **Session Highlights**

The two-day programme included highly engaging and interactive sessions on the following areas:

- **Creating effective learning environments** for students.
- **Interactive and innovative teaching methods** for medical imaging education.
- **Activities to develop learning outcomes** and competency-based education.
- **Research and publications:** understanding indexed journals, citation metrics (Cite Score, Impact Factor), and identifying predatory journals.
- **Research writing skills** to improve scientific communication and publication quality.
- **Application of Artificial Intelligence in teaching**, with emphasis on future trends in radiology and medical education.

#### **Key Learnings & Outcomes for SRMIST Faculty**

Faculties who attended gained valuable insights and skills, including:

1. **Enhanced Teaching Strategies** – adopting interactive and innovative methods tailored to medical imaging students.
2. **Outcome-Based Education (OBE) Approaches** – designing activities and assessment methods to achieve defined learning outcomes.
3. **Research Competency** – understanding journal indexing, citation analysis, and methods to avoid predatory publishing.

4. **Improved Writing Skills** – structuring and presenting research work effectively for reputed journals.
5. **AI Integration** – learning how Artificial Intelligence tools can be effectively used in teaching, simulation, and diagnostic training.

The Faculty Development Programme provided an excellent platform for knowledge exchange, skill enhancement, and professional networking. The participation of three lecturers from SRMIST, Tiruchirappalli Campus, contributed to their professional growth and will greatly benefit the teaching-learning practices within the department.

The FDP also reinforced SRMIST's vision of encouraging faculty members to continuously upgrade themselves with innovative teaching and research practices, aligning with global standards in Medical Imaging Technology.

