

Workshop on ENGINEERING PRINCIPLES AND APPLICATIONS OF MAGNETIC RESONANCE IMAGING

Report

The IEEE EMBS Kerala Chapter with the Division of Clinical Engineering, Department of Imaging Sciences & Interventional Radiology and Biomedical Technology wing of Sree Chitra Tirunal Institute for Medical Sciences and Technology conducted a Workshop on “ENGINEERING PRINCIPLES AND APPLICATIONS OF MAGNETIC RESONANCE IMAGING” on 8th August 2015 at SCTIMST.

This is the 12th edition of “Hospital Equipment Awareness Training Series (HEATS)” with hands own training organised by the Division of Clinical Engineering, SCTIMST.

Mr. Koruthu P Varughese, Chair, IEEE EMBS Kerala Chapter welcomed the gathering. Dr.Asha Kishore, Director SCTIMST inaugurated the workshop. Dr. N.R. Jagannathan, Professor & Head, Dept. of NMR & MRI facility, All India Institute of Medical Sciences, New Delhi delivered the keynote address.

The workshop focused on different aspects of MRI varying from installation phase to application areas. The technical sessions were conducted by experts from GE India. There were 4 technical sessions.

Session 1: MR Installation

Session 2: Latest Advances in MR Imaging

Session 3: Transition to 3T

Session 4: Artefacts in MRI & Mitigation

The practical session was provided in the newly installed 3T MRI Machine of GE Make.

A Quiz competition was conducted among the student members and distributed prize for the first three positions.

The program was enriched with the heterogeneous participants from all over the state. More than 100 persons, in various categories such as doctors, Biomedical Engineers, MRI Technicians, Research scholars and Students, attended the workshop.



