



DIVISION OF CLINICAL ENGINEERING
Sree Chitra Tirunal Institute for
Medical Sciences and Technology, Trivandrum
An Institute of National Importance under Govt. of India

HEATS - 30

(HOSPITAL EQUIPMENT AWARENESS AND TRAINING SERIES)

As a part of the Continuing educational program series

SEMINAR ON “COMPREHENSIVE MEDICAL EQUIPMENT MANAGEMENT SYSTEM” (CMEMS)

*- A Complete revelation of Medical Equipment Management Plan and
implementation of Computerized Equipment Management System*

DATE : 12TH MAY, 2018

VENUE : HILTON GARDEN INN
PUNNEN ROAD, STATUE, PALAYAM,
THIRUVANANTHAPURAM 695039,
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ORGANIZED BY:

DIVISION OF CLINICAL ENGINEERING
COMPUTER DIVISION
SREE CHITRA TIRUNAL INSTITUTE FOR
MEDICAL SCIENCES AND TECHNOLOGY (SCTIMST)

Technical Supporting Partner



IEEE KERALA CHAPTER
The world's largest international Society
of biomedical engineers

About :

SCTIMST

Sree Chitra Tirunal Institute for Medical Science and technology (SCTIMST) was established by an ACT of Indian Parliament in 1980 as an Institute National importance under the Department of Science and Technology, Government of India. The Institute conjoins the culture of medicine and technology and is one of its kind with a premier focus on tertiary level patient care in advanced medical health facilities, R&D in niche areas of biomaterials and biomedical technology and public health research and training. It also enjoys the status of a University and offers prestigious higher medical/ public/ clinical engineering courses and PhD program in the country.

Division of Clinical Engineering

The Division of Clinical Engineering (DCE) applies and implements medical technology to optimize health care delivery by imparting training, supervising/ inspecting/ auditing and serving as technological consultants. The safe use and effective maintenance of the equipments in the institute is also vested in the hands of the Clinical Engineering Division.

Computer Division

Computer Division provides various Computing and Network Services for its staff and students. Division provides in house solutions using latest information technology with strengths in highly qualified, trained and motivated manpower and state of art infrastructure. The main thrust given is for MIS and e-Governance.

IEEE EMBS

IEEE Engineering in Medicine and Biology Society (EMBS) is the world's largest international society of biomedical engineers. The organization's 12,000 members reside in some 97 countries around the world. EMBS provides its members with access to the people, practices, information, ideas and opinions that are shaping one of the fastest growing fields in science. The Kerala Chapter of IEEE EMBS was inaugurated on 2014 and it has Student Chapters in various engineering colleges in Kerala where Biomedical engineering courses are offered. IEEE EMBS empowers the Biomedical engineers technically and professionally by regularly conducting seminars and workshops.



HEATS - 30

TECHNICAL SESSIONS

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SESSION 1

Impact of cyber security and data protection in medical equipment management

The cyber security posture of medical devices has increasingly become a concern to healthcare providers, device manufacturers, regulators, and patients. As medical devices become more digitally interconnected and interoperable, they can improve the care patients receive and create efficiencies in the health care system. Medical devices, like computer systems, can be vulnerable to security breaches, potentially impacting the safety and effectiveness of the device. Medical device manufacturers are expected to address cyber security risks to keep patients safe and better protect the public health.

SESSION 2

Medical equipment standards

The development and use of standards is vital to ensuring the safety and efficacy of medical devices. Numerous regulatory agencies and standards organizations collaborate to establish the accepted standards for medical equipment. Standard-setting activities include the development of performance characteristics, characterization and testing methodologies, manufacturing practices, product standards, scientific protocols, compliance criteria, ingredient specifications, labeling, or other technical or policy criteria. The understanding of standards systems, the standards development process and their use in conformity assessment in establishing medical device regulations. A general overview to standards will be provided.

SESSION 3

Equipment lifecycle management

The equipment lifecycle Management in Healthcare begins with a process of planning for acquisition, and continues into procurement, acceptance, installation, testing, user training, acceptance usage, monitoring/ maintenance, upgradation, decommissioning and disposal. The equipment lifecycle involves the process of managing the entire life of equipment. It consists of series of activities through which the management decisions has to pass through starting from the planning stage to procuring the equipment and throughout its life time till the end stage of decommissioning and disposal. This life cycle is evolved through several stages of incubation. Different Institute according to their convenience categorise the stages in different way.

SESSION 4

Computerized maintenance management system

Computerized Maintenance Management System (CMMS) is a tool which simplifies the process of maintenance management which eliminates paper work and manual tracking activities. CMMS enables a proper inventory control of all assets and an effective method to calculate asset value. The properly managed maintenance system increases the equipment life span and reduces maintenance cost. It helps the management to take the right decision at the right time as the information is available at their fingertip.



PROGRAM SCHEDULE

08:30 AM - 09:00 AM	REGISTRATION
09:00 AM - 11:15 AM	INAUGURAL SESSION
11:15 AM - 11:30 AM	:TEA BREAK
11:30 AM - 12:30 PM	: SESSION I
12:30 PM - 01:30 PM	: LUNCH
01:30 PM - 02:30 PM	: SESSION II
02:30 PM - 03:30 PM	: SESSION III
03:30 PM - 03:45 PM	: TEA BREAK
03:45 PM - 04:30 PM	: SESSION IV
04:30 PM - 05:00 PM	: CONCLUDING SESSION

REGISTRATION DETAILS

Registration form can be downloaded from embs.ieeeerala.org
Duly filled form to be mailed to cmems2018@gmail.com
on or before 7th May 2018 to ensure your participation,
as number of seats are limited.

Registration fee : Rs. 1500/-
Students (50% Discount)

IEEE EMBS Students will be reimbursed an amount of Rs. 250/-

MODE OF PAYMENT

By online payment or DD in favour of 'Seminar on CMEMS'
payable at Indian Overseas Bank, Trivandrum Main Branch
IFSC Code: IOBA 000 0099.
Current Account Number: 0099 0200 0001006.

WHO CAN ATTEND THE SEMINAR ?

The workshop aims at Hospital Managers, Administrators, Purchase Officers, Store Officers, Biomedical Engineers, Technicians, Researchers and Students to encompass in an interactive experience with a comprehensive equipment management system in hospitals.



FOR MORE DETAILS CONTACT:

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OUR SPEAKERS

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MANAGING DIRECTOR & CEO
ANDHRA PRADESH MEDTECH ZONE LTD (AMTZ)

MR. ANIL JAUHRI
CEO, NATIONAL ACCREDITATION BOARD FOR
CERTIFICATION BODIES (NABCB)

MR. P. SRINIVASA REDDY
SENIOR MANAGER- TECHNICAL, AMTZ

MS. JYOTHI RAMASWAMY
INFORMATION SECURITY MANAGER,
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MR. SURESH KUMAR B
ENGINEER 'E', COMPUTER DIVISION, SCTIMST

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ENGINEER 'G', DCE, SCTIMST & CHAIR IEEE EMBS
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