Department of Biomedical Engineering
Manipal Institute of Technology, Manipal - 576 104

Guest Lecture Series – 2018

You are cordially invited to the

Lecture - 4

Imaging in Nuclear Medicine

By

Dr. Rajesh Kumar
HOD, Dept. of Nuclear Medicine,
KMC, Manipal

Date & Time
Thursday, 05 April 2018
3:30 PM

Venue
AB5 - 407

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome

Department of Biomedical Engineering
Manipal Institute of Technology, Manipal - 576 104

Guest Lecture Series – 2018

You are cordially invited to

Lecture - 1

Some Out-of-the-box Ideas in Biomedical Engineering

Dr. Narasimha B Bhat
CEO & Founder, Manipal Dot Net Pvt. Ltd., Manipal

Date & Time
Saturday, February 03, 2018
9:00 AM

Venue
AB-5, 404

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal – 576 104

All are Welcome

Department of Biomedical Engineering
Manipal Institute of Technology, Manipal - 576 104

Guest Lecture Series – 2018

You are cordially invited to the

Lecture – 5
(Webinar Series from the US)

Magenetic Resonance Imaging: Basics & Applications

By

Dr. Praveen Kulkarni
Center for Translational Neuroimaging,
Northeastern University, Boston

Date & Time
Friday, 06 April 2018, 5.30 PM
Saturday, 07 April 2018, 3.30PM

Venue
Research Lab
Dept. of BME

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome

Department of Biomedical Engineering
Manipal Institute of Technology, Manipal - 576 104

Diamond Jubilee Lecture-series

You are cordially invited to

Lecture - 9

Advances in Biophotonics

By

Dr. Santosh C,
Professor & Head
DAMP, MIT

Date & Time
Monday, November 06, 2017
10:30 AM

Venue
AB-5, 404

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome

Department of Biomedical Engineering
Manipal Institute Of Technology, Manipal - 576 104

Diamond Jubilee Lecture-series

You are cordially invited to

Lecture - 6

Brain and Health

By

Dr. A G Ramakrishnan
Professor and Chairman, EE
Medical Intelligence & Language Engineering Lab
Department of Electrical Engineering
Indian Institute of Science
Bangalore

Date & Time
Monday, 10 July 2017
11:00 AM

Venue
AB5 - 211

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome

Department of Biomedical Engineering
Manipal Institute of Technology, Manipal - 576 104

Guest Lecture Series – 2018

You are cordially invited to

Lecture - 2

High-resolution Ultrasound in Medical Diagnosis: Recent Development

Dr. Debabrata Ghosh
Dept. of Radiology
University of Texas Southwestern Medical Center
Dallas, Texas

Date & Time
Tuesday, February 13, 2018
9:00 AM

Venue
AB-5, 404

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal – 576 104

All are Welcome

High-resolution Ultrasound in Medical Diagnosis: Recent Development

Abstract

Microvascular processes play key roles in many diseases including diabetes. Improved understanding of the microvascular changes involved in disease development could offer crucial insight into the relationship of these changes to disease pathogenesis. This may allow development of novel and more effective therapeutic strategies. Despite intensive efforts, monitoring changes in the microvasculature remains a challenging task, mainly due to the resolution limitation of traditional medical imaging modalities. In clinical imaging, ultrasound has been considered the best alternative to the other modalities due to its compact size, nonionizing radiation, low cost, and relatively faster image acquisition. While the use of microbubble contrast agent during ultrasound imaging improves the detection of small blood vessels, it still lacks the spatial resolution necessary to differentiate vessels at the capillary level. A new high-resolution ultrasound imaging modality, termed super-resolution ultrasound (SR-US) has shown promise for providing image spatial resolutions greater than the diffraction limit of the ultrasound system.

Department of Biomedical Engineering
Manipal Institute Of Technology, Manipal - 576 104

Diamond Jubilee Lecture-series

You are cordially invited to

Lecture - 8

Mathematical Modeling in Neurologic Diseases

By

Dr. Pitchaiah Mandava
Baylor College of Medicine
Houston, Texas, USA
Director of the Stroke Unit at Micheal E DeBarkey VA Medical Center
Adjunct Professor, Dept. of Biomedical Engineering, MIT, Manipal.

Date & Time
Friday, August 18, 2017
3:00 PM

Venue
ECE Seminar Hall
(Academic Block 5)

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome

Department of Biomedical Engineering
Manipal Institute Of Technology, Manipal - 576 104

Diamond Jubilee Lecture-series

You are cordially invited to

Lecture - 7

3D hydrogel systems as platforms for manipulating cell behavior

By

Dr. Prakriti Tyalia
Assistant Professor
Department of Biosciences & Bioengineering
Indian Institute of Technology - Bombay
Mumbai

Date & Time
Monday, 24 July 2017
11:00 AM

Venue
AB5 - 404

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome

Department of Biomedical Engineering

Manipal Institute of Technology, Manipal - 576 104

Guest Lecture Series – 2018

You are cordially invited to the

Lecture - 3

"Relevance & opportunities of Bio Medical Engineering in Speech & Hearing"

Dr. B. Rajashekhar
Dean & Professor (Sp.& Hg.)
School of Allied Health Sciences
Manipal Academy of Higher Education
Manipal

Date & Time
Saturday, 31 March 2018
3:00 PM

Venue
Sir M V Hall, AB 2

Dr. Ramesh R Galigekere
Professor & Head, Dept. of BME, MIT, Manipal

All are Welcome