

Karpagam Academy of Higher Education  
Faculty of Engineering

Department of Biomedical Engineering

## Organizing Committee

- Chief Patron : Dr. R. Vasanthakumar (Chancellor)
- Patron : Shri. K. Murugaiah (Chief Executive Officer)
- President : Dr.S.Sudalaimuthu (Vice – Chancellor)
- Vice-President : Dr.R.Sundararajan (Registrar)
- Chairperson : Dr.D.Lakshmanan (Dean, Faculty of Engineering)
- Convenor : Dr. S. Bhavani (Head of the Dept)
- Co-ordinator : Dr. P. Manimegalai (Prof , ECE)
- Co-Coordiators : Dr.S.Kamalraj,  
Dr.N.Rajalakshmi

## Address for Communication

Dr. P. Manimegalai, Professor  
ECE Department,  
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Coimbatore - 641 021

National level workshop on  
“IoT based health care systems”

27<sup>th</sup> February 2018

Organised By  
Department of Biomedical Engineering



## Karpagam Academy of Higher Education

Institutions founded with a noble vision to instill originality in the learning minds and impart strength and efficiency by giving quality value based education, motivating skills and creativity with innovative selective knowledge, for the purpose of rendering unique products to serve and then lead the society and bring perfection in entirety which projects our vision.

Started as Karpagam Arts and Science College in 1995 and promoted by the Karpagam charity trust, incepted by the renowned Karpagam industries. In 2008, the institute was awarded the deemed to be university status in recognition of its academic excellence by the ministry of human resource, Government of India under section 3 of the UGC act 1956.

Our commitment to extend world class education permeates across multi discipline we offer arts, science, commerce, management, humanities and Engineering.

## About Biomedical Department

Biomedical Engineering department offers an undergraduate programme in Biomedical Engineering which was started in the year 2016

The mission of the department is to provide world class undergraduate engineering in biomedical engineering, foster research and development in biomedical equipments, encourage Entrepreneurship and mould young men and women to innovate new technologies for health care applications.

## About Workshop

The objective of the workshop is to acquaint the participants with Internet of Things - a new revolution of the internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent.

The workshop covers various applications of Internet of things in medical and healthcare units. Highlights of the workshop will include experts from Academia and Industry to present their views on IoT and its healthcare application.

## Resource Persons

T-PEP Innovations and Caliber Technologies

## Topics not limited to

- ▶ IoT for medical and healthcare applications
- ▶ Mobile-to-cloud computing (MCC) for healthcare
- ▶ Fog computing / Edge clouds for healthcare
- ▶ Cloud-enabled body sensor networks
- ▶ Sports and wellness monitoring through smart devices
- ▶ Person-centered health monitoring
- ▶ Interoperability and standardization issues in IoT

## Registration

**Last date for Registration**  
**24<sup>th</sup> February 2018**

**Spot Registration**  
**27<sup>th</sup> February 2018**

**Academic Staff - Rs.500/-**

**Research Scholar - Rs.400/-**

**Student - Rs.300/-**



DD drawn in favour of  
The Registrar,  
Karpagam Academy of Higher Education, Payable at Coimbatore



# NATIONAL LEVEL WORKSHOP ON "IOT BASED HEALTH CARE SYSTEMS"



INTRODUCTION BY DR.P.MANIMEGALAI ,PROFESSOR,ECE      HANDS ON SESSION ON PYTHON LANGUAGE



HEALTH CARE SYSTEM SESSION OF WORKSHOP

