

## **ORGANIZING COMMITTEE**

### **Chief Patron:**

**Dr.T.Banumathi,**  
Chairperson, AERI Trust

### **Chairman:**

**Dr.G.Ranganath,**  
Principal, Adhiyamaan College of Engg, Hosur.

### **Organizing Secretary:**

**Prof.J.Arivudainambi,**  
Secretary, ISTE Chapter,  
Adhiyamaan College of Engg, Hosur.

### **Convenor:**

**Dr.S.Siddagangaiah,**  
Professor &Head,  
Department of Biomedical Engineering.

### **National Advisory Panel:**

**Dr.G.Ravindran, President**  
Biomedical Engineering Society of India.

**Dr.Venkatesh Balasubramanian, Professor**  
Indian Institute of Technology (Madras).

**Dr.Nira Mishra, Reader**  
Banaras Hindu University, Varanasi.

**Dr. N.Sivakumaran, Professor**  
National Institute of Technology, Tiruchy.

**Dr.S.Poongulali, Assistant Professor**  
Anna University, Chennai.

**Dr.V.Udayashankarara, Professor**  
Sri Jayachamarajendra College of Engg, Mysore.

**Dr. G. Mohanlin, Associate Professor**  
St.Xavier's Catholic College of Engg, Nagercoil.

**Dr. T. M. Sridhar, Secretary**  
Society for Biomaterials and Artificial Organs (India).

**Mr. Aqeel Qureshi ,**  
**Accessibility Consultant Manager,**  
Disability News India (DNI).

## **KEYNOTE ADDRESS**

**“Modeling based Decision making in reconstructive surgery”**

**Dr.Paul C. Salins,**  
Medical Director and Vice-president,  
Mazumdar Shaw Cancer Centre and Narayana  
Hrudayalaya Multispecialty Hospital, Bangalore

**“Assist Devices for Physically Challenged”**

**Dr. G. Ravindran**  
President, Biomedical Engineering Society of India

**“Rehabilitation Therapy”**

**Dr Tomy Mampilly**  
HOD, Dept.of Physical Medicine & Rehabilitation,  
NIEPMD, Chennai.

**“Rehabilitation Engineering – Research Opportunities and Challenges”**

**Dr.Bheemsain Rao**  
Prof & Head, Dept of Medical Electronics,  
M.S.Ramaiah Institute of Technology, Bangalore.

## **ACCOMMODATION**

Accommodation in the institute hostels will be arranged on pre-request.

## **DATES TO BE REMEMBERED**

**Last Date Full Paper Submission :** 15<sup>th</sup> November.

**Paper Acceptance Notification :** 20<sup>th</sup> November.

**Registration Closes on :** 30<sup>th</sup> November.

## **REGISTRATION FEE DETAILS**

Participants from Industries : ` 1000

Participants from Academic Institutions : ` 750

Research Scholars/Students : ` 500

All the Payments should be made in the form of DD in favour of **ISTE Chapter, Adhiyamaan College of Engineering** and Payable at **Hosur**.

*A Two Day National Conference  
on*

# **“REHABILITATION ENGINEERING & ASSISTIVE TECHNOLOGY”**

*on  
15<sup>th</sup> - 16<sup>th</sup> December 2011*

*Jointly Organized by  
ISTE CHAPTER*

*&  
DEPARTMENT OF  
BIOMEDICAL ENGINEERING*



**ADHIYAMAAN COLLEGE OF ENGINEERING  
(Autonomous)**

(NBA Accredited by AICTE, New Delhi &  
ISO 9001-2008 Certified Institution)

HOSUR-635109, TAMILNADU

Phone No:04344-261037/25,

Fax : 04344-260573

Web: www.adhiyamaan.ac.in

### **ABOUT ADHIYAMAAN COLLEGE OF ENGINEERING:**

Adhiyamaan College of Engineering (ACE) was established in 1987 by AERI (Adhiyamaan Educational and Research Institution) trust to provide quality technical education to the young community. ACE is NBA accredited by AICTE and an ISO 9001-2008 Certified institution and is spread over an area of 260 acres with all advanced facilities. ACE is offering Twelve Under Graduate and Eight Post graduate Engineering M.E(CAD), M.E (Remote Sensing), M.E (CSE) & M.E (Communication Systems) course apart from various Applied science and management courses like MBA, MCA, M.Sc, etc. The College has established very good rapport with various industries including Titan Industries, Ashok Leyland, TVS motors, Hindustan motors and many small, medium and large scale industries in and around Hosur and Bangalore.

**ABOUT THE DEPARTMENT:** The Department of Biomedical Engineering was started in the year 2003-2004 and it is interdisciplinary in nature which provides ample scope for students to study the Human system through electronics. Our faculty, staff and students are all important part of the team that provide distinctive opportunities for creative solutions to Biomedical Engineering research and design problems. We aim for excellence in undergraduate education with innovative research and service dedicated to advance the field of Biomedical Engineering. Biomedical department of the college has cordial relations with various organizations such as Narayana Hrudayalaya Multi specialty Hospital, Aries Biomed Technology etc. The main vision of our department is to promote learning and innovation that integrates engineering and life sciences for the advancement of human health.

### **CALL FOR PAPERS**

Those interested in presenting scientific papers are invited to submit Full Paper. The paper should include the title, full name, affiliation, address and email id of corresponding author. The manuscript, to be prepared in IEEE two-column conference format and not to exceed six pages, must describe previously unpublished work, focusing on novel ideas, results and applications of the contribution. Complete papers should be submitted for reviewing by the conference scientific committee. Papers that may require revisions should be resubmitted in the final form.

**TOPICS:** Papers are invited in any of the following areas, but not limited to:

- Artificial Organs
- Biomaterials
- Bio-implants
- Brain - Computer Interface
- Prosthetics & Orthotics
- Physiological Modeling / Simulation
- Rehabilitation Therapy
- Occupational therapy
- Assist Devices
- Kinesiology & Sports Medicine
- Biomechanics

### **Address for Communication :**

**Prof.S.Sivagowri,**  
*Department of Biomedical Engineering,*  
*Adhiyamaan College of Engineering,*  
*(Autonomous)*  
*Dr.M.G.R Nagar, Hosur -635 109*  
*Krishnagiri – Dt, Tamil Nadu*  
**Email:**reat2k11@gmail.com  
**Mobile:**9003350489/9842666844

### **REGISTRATION FORM**

*A Two Day National Conference*  
*on*

## **“REHABILITATION ENGINEERING & ASSISTIVE TECHNOLOGY”**

*on*  
**15<sup>th</sup> - 16<sup>th</sup> December 2011**

**Name:**

**Designation:**

**Institution :**

**Address:**

**Email Id:**

**Mobile No:**

**Title of the Paper:**

**DD No :**

**Accommodation : Yes/No:**

**Signature of the participant**

**Place:**

**Date:**