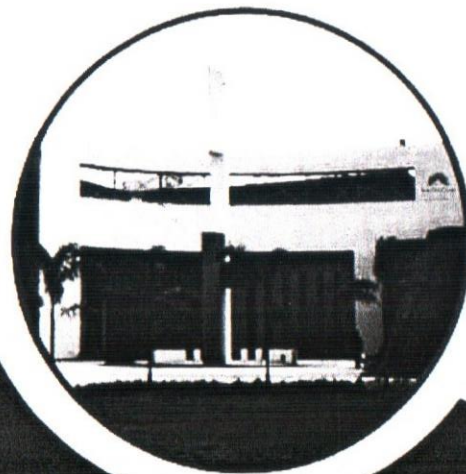


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- Chairperson : Dr.G.K.D. Prasanna Venkatesan (Dean, Faculty of Engineering)
- Convenor : Dr. S. Bhavani (Head of the Dept)
- Co-ordinator : Dr. P. Manimegalai (Prof , ECE)
- Co-coordinator : Dr. N. Rajalakshmi, Assoc.Professor,BME



Address for Communication

Dr. P. Manimegalai, Professor

ECE Department,

Mobile: 99942 91601

Email: manimegalai.vairavan@gmail.com

Karpagam Academy of Higher Education

Coimbatore - 641 021



Karpagam Academy of Higher Education Faculty of Engineering

Organized by
Department of Biomedical Engineering



Enable | Enlighten | Enrich

National Workshop on Hands on Training on Processing of Biosignals using MATLAB

Date: 01.02.2019

Karpagam Academy of Higher Education

The institution was 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.

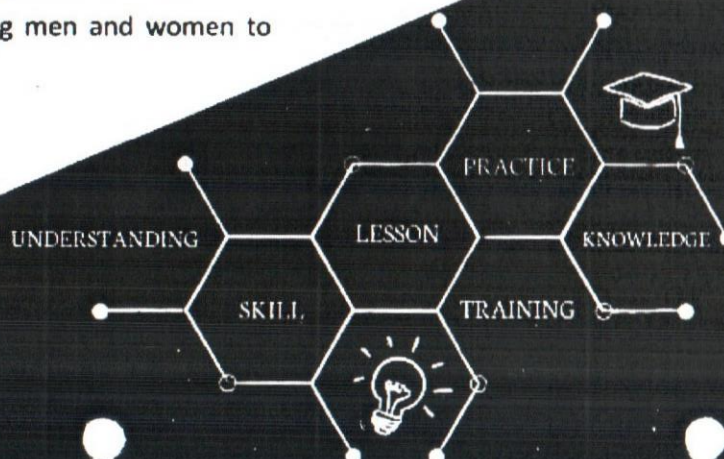
Our commitment to extend world class education permeates across multidiscipline we offer arts, science, commerce, management, humanities and engineering.

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 mold young men and women to innovate new technologies for health care applications.

National Workshop on
Hands on Training on
Processing of
Biosignals using MATLAB



About workshop

An overwhelming demand for healthy lifestyle has become essential in the present era. For accurate and effective diagnosis, the medical professionals rely on computer based analysis. This workshop focuses on processing of biosignals and analysis of vital parameters.

It aims at bringing together the researches and experts to a common platform to discuss and exchange their expertise and views for knowledge enhancement in various applications for the benefit of the society

Topics not limited to

- ▶ Data acquisition
- ▶ Preprocessing of Biosignals
- ▶ Wavelets
- ▶ Short Time Fourier Transform
- ▶ Telemedicine
- ▶ Wireless communication
- ▶ Neural networks
- ▶ Fuzzy logic
- ▶ Matlab

Last Date for Registration : 30-01-2019

For Spot Registration Contact:
99942 91601, 99522 37091

Resource Persons

Dr. P. Manimegalai
Professor, ECE, KAHE
- Hands on Session

M.Lakshmi
Research Associate ECE, KAHE
- Introduction to Matlab

Experts from Spark Automations, Coimbatore
- Hands on Session

Academic Staff - Rs.500/-
Research Scholars - Rs.500/-
Students - Rs.400/-

DD drawn in favour of
The Registrar,

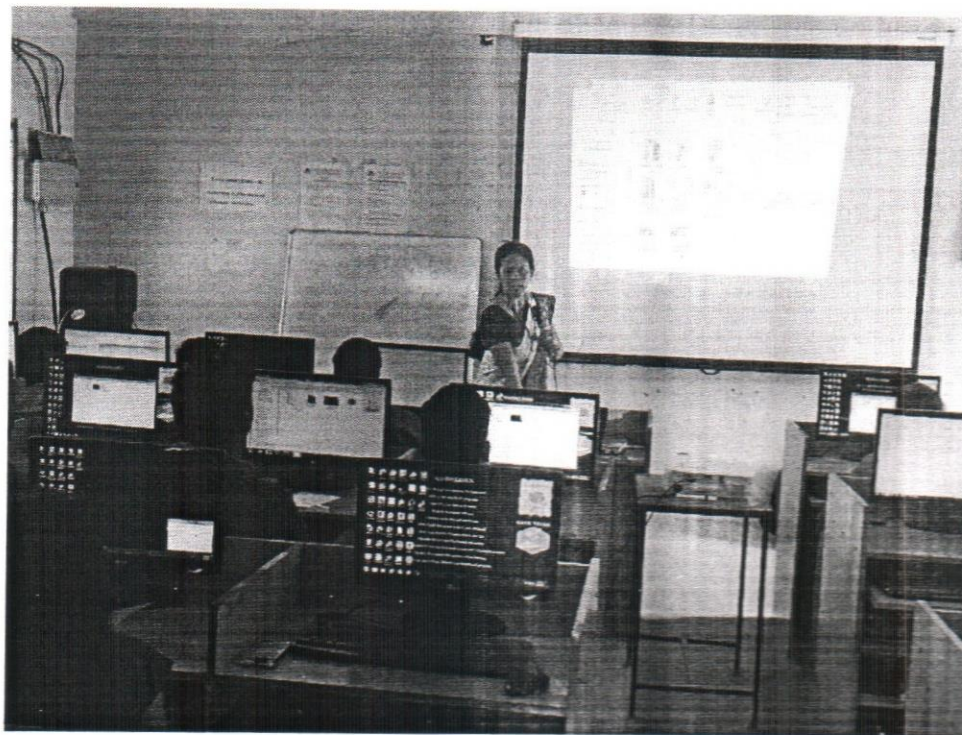
Karpagam Academy of Higher Education, Payable at Coimbatore

**National Level Workshop on Hands on Training on Processing of Biosignals using MATLAB –
01.02.2019**

The workshop was inaugurated by Dr.S.Bhavani, Head of ECE Department. 53 external participants from various institutions (including 4 faculties and 3 research scholars) and 33 internal participants attended the workshop.



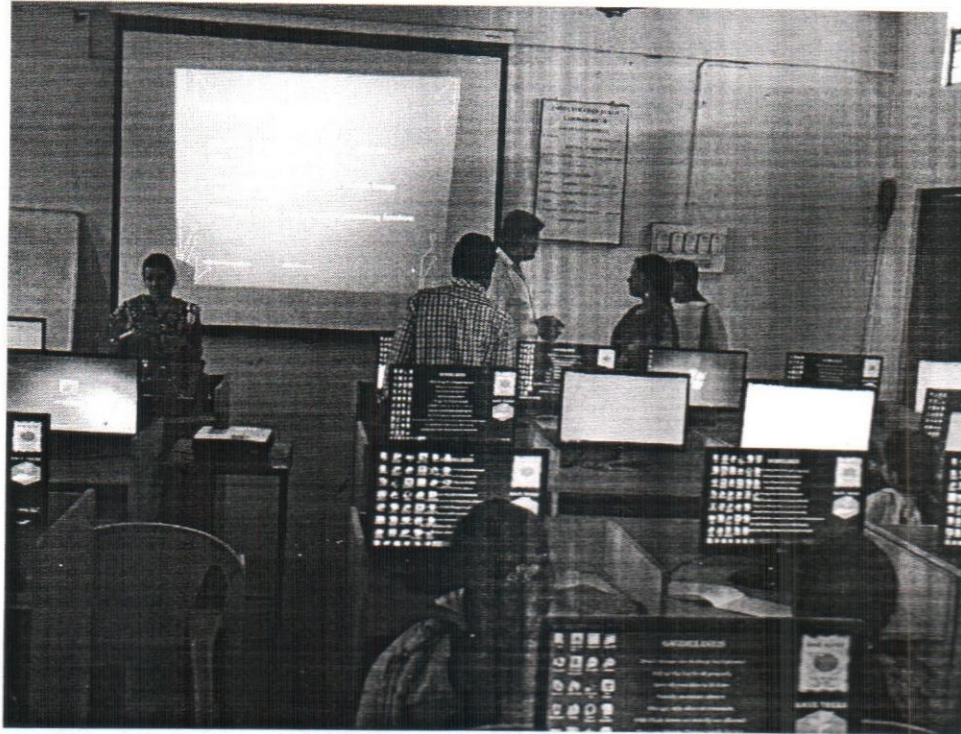
The session started at 10am in the CAD lab. The first session on Introduction to MATLAB was given by M.Lakshmi, Research Scholar, ECE.



The second session on Hands on training of processing of Bio-signals was given by Dr.P.Manimegalai, Professor, Department of ECE.



The afternoon session on Demonstration of real time acquisition of bio-signals and m-script coding was given by experts from Spark Automations, Coimbatore.



The session ended with valedictory function and certificate distribution by Dr.S.Bhavani, Head of ECE department.

