

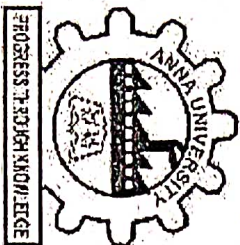
**TWO DAYS WORKSHOP ON
"BRAIN COMPUTER
INTERFACE (BCI) AND
APPLICATIONS"**

21st and 22nd September , 2017

Coordinators

**Dr. S. Shenbaga Devi, Professor
Dr. N. Kumaravel, Professor-Emeritus
Mrs. T. Jayasree, Assistant Professor**

Organized by



**Centre for Medical Electronics
Department of ECE, CEG
Campus, Anna University
Chennai-600 025.**

ABOUT ANNA UNIVERSITY

Anna University was established on 4th September, 1978 as a unitary type of University. It provides higher education in Engineering, Technology and Allied Sciences significant to the current and expected needs of the society. It has an extensive link with Indian industries, national research laboratories, and international universities. This enables the university to continue with new development and emerging technologies.

ABOUT THE CENTRE

Centre for Medical Electronics was established in the year 1998. Its main goal is to create and nurture qualified technical manpower towards academic excellence, research and development attitude and competence. The centre carries out research in the field of Medical Electronics and Bio Medical Engineering and also establishes collaboration with medical industries and hospitals. It is functioning with an aim of developing research and development activities in Medical Electronics and Bio Medical Engineering.

OBJECTIVE

The objective of this workshop is to provide opportunity for Biomedical engineers, Researchers and Faculty members to enrich their knowledge in the area of Brain Computer Interface and its applications. This workshop will focus on the acquisition and analysis of biosignals suitable for Brain Computer Interface applications.

HIGHLIGHTS OF THE WORKSHOP

Brain Computer Interface is an interdisciplinary field which develops computational and mathematical methods for analyzing the brain functions during specific activities of the brain. This helps in the collaboration or to establish communication between the brain function and an external device. The main goal of Brain computer interface is the acquisition of brain related signals and processing them for applications mainly in the field of rehabilitation. The workshop will provide brief insights on the following:

- BCI and the signals suitable for BCI
- Signal acquisition and pre processing
- Feature extraction techniques
- Pattern recognition and classification of the BCI signal for activation of external device
- BCI Applications and Case studies

Dr. T.V. Geetha
Dean of CEG and
Member Convener Committee
PATRON:

Dr.S.Ganesan
Registrar
Anna University
Chennai-600 025

CHAIR:
Dr.S.Muttan
HOD, ECE, CEG

CO-ORDINATORS:
Dr. S.Shenbaga Devi
Professor and Director
Center for Medical Electronics

Dr.N.Kumaravel
Professor – Emeritus
Dept. of ECE

Mrs.T.Jayasree
Assistant Professor
Dept. of ECE

VENUE:
Mini Auditorium,
Department of ECE,
College of Engineering
Guindy, Anna University,
Chennai-600 025

Industry Delegates - Rs 2500 /-
Academic/Research/PG Students- Rs.2000/-

The registration form in the prescribed format should reach the address for communication mentioned below not later than 7th September 2017. Since the number of participants is limited, the selection will be on first come first serve basis. The applications without DD will not be entertained.

The registration fees can be paid through Demand Draft in favor of

“Organized Programmes,
Anna University, Chennai”

IMPORTANT DATES:

Submission of Application : 07.09.2017
Intimation of Selection : 12.09.2017

Confirmation by participants : 15.09.2017

Address for Communication:
Workshop on “Brain Computer Interface (BCI) and Applications”
Centre for Medical Electronics,
Department of ECE,
College of Engineering Guindy,
Anna University,
Chennai- 600025. E-mail:
sssmidsep30@gmail.com

NO ACCOMMODATION WILL BE PROVIDED

Name : B. ESUJARI
Designation : JRF
Specialization : Medical Electronics
Areas of research : EEG, Signal Processing
Department : ECE
College/organization : Anna University
Address : arampor, Chennai.
Phone No. : 9944261234
E-mail : priya.essuaji@gmail.com
DD Details
Amount : Rs. 2,000/-
DD No. & date : 822168, 08.09.17
Bank Name : SBI - AU.

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Workshop of the Anna University. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the coordinator in advance in case I am unable to attend the workshop.

Date: 07.09.17 Signature of applicant
Place: Chennai. *B. Esuaji*
Signature of the HOD/Principal with seal *Shenbaga Devi*
CHIEF, CEG, AU