

## Declaration

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Institution and shall attend the seminar for the entire duration. I also undertake the responsibility to inform the Coordinator in case I am unable to attend the seminar.

Place :

Date :

**Signature of the Applicant**

## Sponsorship

Mr. / Ms.....  
is working / studying in our Institution / Organization and his / her application is hereby sponsored / forwarded for attending the above Seminar. The applicant would be permitted to attend the Seminar, if selected.

Place :

Date :

Seal :

**Signature of the Principal /  
Head of Department**

## ABOUT THE COLLEGE

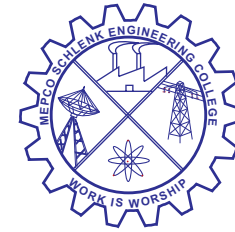
- ★ Mepco Schlenk Engineering College, Sivakasi (Autonomous), a leading self financing technical institution started in 1984 is affiliated to Anna University, Chennai.
- ★ All the engineering programmes have been accredited by the National Board of Accreditation (NBA), New Delhi under Tier I Category.
- ★ Accredited by the National Assessment and Accreditation Council (NAAC) with A Grade.
- ★ Received ISO 9001:2008 certification for Educational Services from M/s.DNV, Netherlands.
- ★ Selected as a Centre of Relevance and Excellence (CORE) in Industrial Safety and was inaugurated by Dr.A.P.J.Abdul Kalam.
- ★ Won the 2009 IMC Ramkrishna Bajaj National Quality Trophy and 2008 IMC Ramkrishna Bajaj National Quality Performance Excellence Award in the Education Category.
- ★ Ranked at 43<sup>rd</sup> position by Outlook and 89<sup>th</sup> position by THE WEEK among National-level Engg. Colleges and including IITs and NITs, 2015.
- ★ Got "AA+" Grade among the Engineering Colleges in South India 2015 by Digital Learning, May 2015.
- ★ Ranked 73<sup>rd</sup> among all Engineering Colleges and Universities in India in the NIRF Survey released by MHRD for the year 2017.
- ★ All departments are recognized as research centre for pursuing Ph.D. / M.S. by Anna University, Chennai.
- ★ Undertaken 109 sponsored Research Projects, worth of more than Rs.11.8 crores from IGCAR, ISRO, DRDO, CSIR, DST, AICTE, TNSCST, MNES, MSME, BRNS, ARDB, MEPCO etc.

## ABOUT THE DEPARTMENT

- ★ The Department of Electronics and Commn. Engineering offers B.E. (Electronics and Commn. Engineering) since 1984, M.E. (Communication Systems) since 1997 and M.E. (VLSI Design) since 2012.
- ★ Has consistently maintained high level of academic and research standards.
- ★ Has undertaken 32 research projects funded by AICTE, ISRO, DRDL, DRDO, ADE, MSME, NI and Armament Research Board .
- ★ Recognized as research centre for pursuing Ph.D / M.S. by Anna University, Chennai.
- ★ Accredited by NBA with highest grade since 1998 & under Tier I from 2015.
- ★ Established Mepco-Agilent R & D Centre of excellence in RF Circuit & Antenna Design.
- ★ Established 6 R & D Centres including Centre for Bio-Medical Signal Processing with the provision for free downloadable Biometric Database at <http://www.mepcoeng.ac.in/index.php/departments/ece/21-ece-department/1031-mepcobiodb>.

## Two Days Technical Seminar on Biomedical Signal, Imaging and Informatics : Contemporary Model & Emerging Applications

September 25 & 26, 2017



**Convener**

**Dr.R.Shantha Selva Kumari**

**Co-ordinators**

**Dr.B.Vijayakumari  
Mrs.G.Prema**

**Organized by**

Department of Electronics and Communication Engineering  
MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI (AUTONOMOUS)

Mepco Engineering College Post - 626 005

Virudhunagar District, Tamil Nadu

Phone: 04562 - 235000

Fax: 04562 - 235111

E-mail : [msec@mepcoeng.ac.in](mailto:msec@mepcoeng.ac.in)

Web : [www.mepcoeng.ac.in](http://www.mepcoeng.ac.in)

## ABOUT THE SEMINAR

Technology has been changing rapidly – often outpacing human ability to comprehend its advancements. Cutting-edge tools and techniques are outcome of advances and innovations in various fields of information and communication technology.

Recognizing the important role of science, technology and innovation in the overall development of the nation, the objective of the seminar is to provide with a milieu to all faculty and students working in different institutions of the country to upgrade their knowledge. This Two days seminar on “Biomedical Signal, Imaging and Informatics: Contemporary Models and Emerging Applications” aims to provide an insight into the diverse backgrounds in bio-signal processing, medical imaging and medical informatics. This also helps to know about the new ways of processing the signals captured from the instruments by using a variety of mathematical formulae and algorithms. The Key insights of the seminar includes the basics of 1D Bio-signal and 2D Bio medical Imaging modalities like CT, MRI, fMRI, PET and SPECT. The added feature of this is providing highlights on the contemporary models medical imaging recent applications. This will pave the way for the engineers to work with real time data and get greater insights to aid clinicians in making decisions.

The seminar topics include

- ★ Fundamentals of Biomedical Signal Acquisition
- ★ Fundamentals of Biomedical Imaging
- ★ Informatics: Feature Extraction, Data Collection for 1D and 2D Signals
- ★ Biomedical Signal and Image Processing
- ★ Deformable Models for Medical Image Analysis
- ★ Emerging Applications on Biosignal and Medical Images
- ★ Image Registration and 3D Image Analysis
- ★ Case Studies

## RESOURCE PERSONS

Resource persons from IIT Madras, Anna University, Chennai & Amrita University, Coimbatore.

## LOCATION

The College is located at about 60 km from Madurai, the Temple City. The nearest railway station is in Virudhunagar. The College is situated midway between Virudhunagar and Sivakasi road. It is about 16 km from Virudhunagar and 11 km from Sivakasi. Buses ply between Virudhunagar and Sivakasi via MEPCO Schlenk Engineering College.

## PARTICIPANTS

**Eligibility:** PG Students, Faculty from Engineering Colleges, Polytechnic Colleges, Research Scholars, Personalities from Industries and specialization in EEE /EEE /CSE /IT.

## REGISTRATION FEE

S.No.	Category	Without Accommodation	With Accommodation
1.	PG Students	Rs.600/-	Rs.800/-
2.	Faculty / FT &PT Research Scholar	Rs.800/-	Rs.1000/-
3.	Industry	Rs.1200/-	Rs.1400/-

## ACCOMMODATION DETAILS

Limited in-campus accommodation will be provided to the participants on request.

## MODE OF PAYMENT

Demand Draft drawn in favour of "Mepco Schlenk Engineering College" payable at Sivakasi

## SCHEDULED DATES

Last date for Receipt of Applications : 21.09.2017  
Intimation of Selection (By E-mail) : 22.09.2017  
Confirmation of participation by the applicants : 23.09.2017

## Completed Application Form with DD shall be mailed to:

The Convener  
Technical Seminar on “Biomedical Signal, Imaging and Informatics :: Contemporary Model and Emerging Applications”  
Dept. of Electronics and Communication Engineering  
Mepco Schlenk Engineering College, Sivakasi (Autonomous)  
Mepco Engg. College Post - 626 005  
Virudhunagar District, Tamil Nadu

Phone : 04562 - 235419, 235432, 9003461266, 9003377205  
Fax : 04562 - 235111  
Email : bsii2017@mepcoeng.ac.in

## MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI (AUTONOMOUS)

Mepco Engineering College Post 626 005  
Virudhunagar District, Tamil Nadu

## Two Days Technical Seminar on Biomedical Signal, Imaging and Informatics : Contemporary Model & Emerging Applications September 25 & 26, 2017

## APPLICATION FORM

1. Name (in Block Letters) : .....
2. Designation : .....
3. Organisation : .....
4. Address for Communication : .....
- Phone No. (With STD code) : (Off.).....  
(Res.).....
- Mobile : .....
- Email ID : .....
5. Is Hostel Accommodation required : YES / NO
6. DD No. : ..... Date : .....  
Amount : ..... Bank : .....

## 7. Educational Qualification

	Specialization	Year
U.G.		
P.G.		

## 8. Professional Experience

- Teaching : ..... years  
Industry : ..... years