

Department of Instrumentation and Control Engineering

National Institute of Technology - Tiruchirappalli

ICECON PRECONFERENCE-WORKSHOP

19th December 2019

Pre-Conference Workshop on

Biosignal processing

SCHEDULE

TIME	EVENT	Topic	Venue	Resource Person
08:30 to 09:15 AM		Registration	ICE Seminar Hall	
09:30 to 10:45 AM	Session-1	Introduction to EEG: genesis, acquisition, and applications	ICE Seminar Hall	Dr. Deepak Joshi & Team, IIT Delhi
10:45 to 11:00 AM		Tea Break		
11:00 to 12:15 PM	Session-2	Signal Processing for EEG: Basic filtering, Time-frequency analysis, Wavelet Analysis, Principal Component Analysis, Independent Component Analysis	ICE Seminar Hall	Dr. Deepak Joshi & Team, IIT Delhi
12:15 to 13:15 PM		Lunch	Barn Hall	
13:30 to 15:00 PM	Inauguration of the ICECON 2019 & Felicitation		EEE Gallery Hall	
15:00 to 16:15 PM	Session-3	Live Demo of EEG Acquisition: Electrode Placement, Impedance Checking, Amplification and Filtering	ICE Seminar Hall	Dr. Deepak Joshi & Team, IIT Delhi
16:15 to 16:30 PM	Tea			
16:30 to 17:45 PM	Session-4	Matlab Coding for theory discussed in Session 2	ICE Seminar Hall	Dr. Deepak Joshi & Team, IIT Delhi