



Hands-On Workshop for Neuro-Technologists

21st August 2025



€CON 2025

JOINT CONFERENCE - IEA & IES
Organised by IEA, Chennai Chapter

22nd - 24th August, 2025
Conference

The Leela Palace,
Chennai



Course Fee
Rs. 1,500/-

Limited to
100
Participants

www.econ2025.com

Workshop Convenor:
Dr. Rajesh Shankar Iyer

Workshop Faculty
Dr. M. Arun Kumar
Dr. Harish Jayakumar
Dr. S. Muthukani
Dr. Ranjith Kumar Manokaran

21st August 2025 -
Neurotechnologist Workshop

Workshop Faculty
Mr. ESS Kiran
Mr. Charlie Vincent Millar
Mrs. Sailaja Sarva
Mr. Sagar Sukapatta
Mr. Sajeesh Parameswaran

TIME	TOPIC	SPEAKER
08:00 - 9:00 Hrs	Registration	
08:50 - 09:00 Hrs 09:00 - 09:30 Hrs 09:30 - 10:00 Hrs	Session- I Introduction Know your machine: Technological aspects of EEG recoding Principles of Polarity, Localization and Montage creation	Dr. Rajesh Shankar Iyer , Coimbatore Mr. Charlie Vincent Millar , Mumbai Mrs. Sailaja Sarva , Hyderabad
10:00 - 11:00 Hrs	Session - II Demo: Electrode placement systems (10-20 / 10-10), EEG recording parameters	All Faculty
11:00 - 11:20 Hrs	Tea Break	
11:20 - 12:20 Hrs 12:20 - 12:50 Hrs 12:50 - 13:20 Hrs	Session - III Demo: Activation procedures Demo: Artifacts in EEG EEG recording in Neonates and Paediatrics EEG recording in ICU: Problems and rectification	All Faculty All Faculty Mr. Sagar Sukapatta , Hyderabad Mr. ESS Kiran , Hyderabad
13:20 - 14:00 Hrs	Lunch Break	
14:00 - 14:30 Hrs 14:30 - 15:00 Hrs 15:00 - 16:00 Hrs	Session - IV Normal awake and sleep EEG: Pattern recognition Epileptiform abnormalities and seizure patterns Demo: normal & abnormal EEG patterns and artifacts	Dr. Rajesh Shankar Iyer , Coimbatore Dr. S. Muthukani , Chennai All Faculty
16:00 - 16:20 Hrs	Tea Break	
16:20 - 16:50 Hrs 16:50 - 17:10 Hrs 17:10 - 17:30 Hrs	Session - V Long-term VEEG monitoring Setting up of an EEG laboratory Emerging trends in remote EEG monitoring	Mr. Sajeesh Parameswaran Trivandrum Mr. Charlie Vincent Millar , Mumbai Mr. Sajeesh Parameswaran Trivandrum