



PEDIATRIC EEG AND EPILEPSY

“Target Group – Pediatricians And Pediatric Trainees”

Venue:- Mayfair Spring Valley Resort, Sonapur, Guwahati

Date:- 5th December 2025

Section 1: Foundations of Pediatric EEG

1. How to Read a Pediatric EEG — Step by Step Approach
2. Hands-on EEG Reading: 10–20 System Electrode Placement Workshop
3. Normal EEG Patterns Across Ages: From Neonate to Adolescent
4. Artifacts in EEG: How to Recognize and Avoid Misinterpretation
5. Activation Procedures — When and How to Use Them (Sleep, Photic, HV)
6. Basics of Video-EEG Monitoring: What Every Pediatrician Should Know

Section 2: Epilepsy Syndromes & EEG Correlates

1. Benign Epilepsies of Childhood — EEG Clues and Pitfalls
2. Epileptic Encephalopathies: Recognizing the EEG Signatures
3. EEG Patterns in Genetic Generalized Epilepsies
4. EEG in Focal Epilepsies

Section 3: Case-Based & Video Sessions

1. EEG Spotters’ Round — Identify the Syndrome from EEG
2. Video-EEG Cases: From Spells to Seizures — what’s the Difference?
3. EEG Pearls from Pediatric Epilepsy Surgery Cases

Workshop Coordinator:- Dr Ranjith Kumar Manokaran

Faculty:-

- Dr Priyanka Madaan
- Dr Renu Suthar
- Dr Shridhar Joshi
- Dr Pradnya Gadgil
- Dr Rajni Farmania
- Dr Prashant Jauhari