

# SANJANA SOMANATH P S

## NEUROTECHNOLOGIST

### CONTACT

Padaneazath House,  
Mythri Nagar Road,  
Vaduthala, Kochi- 682023,  
Ernakulam(Dist), Kerala,  
India

san2010sapana@gmail

+91 9846 939 821  
+91 8089 581 541

### EDUCATION

**2015-2019 BSc Neuro Electro Physiology**  
Amrita Institute of Medical Sciences

**2015 - 12<sup>TH</sup> Standard**  
S.B.O.A PUBLIC SR.SEC SCHOOL

**2013 - 10<sup>TH</sup> Standard**  
S.B.O.A PUBLIC SR.SEC SCHOOL

### DETAILS

**Date of Birth**  
05/09/1997

**Nationality**  
Indian

**Marital Status**  
Single

**Languages**  
English, Malayalam, Hindi & Konkani

01

### PROFILE

I am Sanjana Somanath PS. I am a highly motivated technologist with on hand experience in EEG, NCV, SLEEP and EMG techniques and comprehensive understanding of all areas of neuro electro physiology.

02

### CLINICAL EXPERIENCE

Clinical Posting at Dept. of Neurology (Amrita Centre For Epilepsy and Sleep Medicine). Amrita Institute of Medical Sciences and Research Centre (AIMS) Cochin, Kerala.

03

### ACADEMIC PROJECT

“STUDY OF THE ELECTROPHYSIOLOGICAL AND IMMUNOLOGICAL PROFILE OF CLINICALLY SUSPECTED MYASTHENIA GRAVIS PATIENTS” under the guidance of Dr. Sudheeran Kannoth MD, DM Fellowship in Autoimmune Neurology ,Clinical Assistant Professor Neurology, Neuroimmunology laboratory AIMS, Kochi

04

### HANDS ON EXPERIENCE

Performs all routine digital Electroencephalograms and Performs Video EEGs (EEG, AEEG, NEEG, LTM)

- Performs EEG in ICU settings.
- Performs Cerebral Function Monitoring (CFM) in NICU
- Nerve conduction studies and assisting the electromyography in EMG studies.
- Performing all the evoked potential studies such as BAEP, VEP and SSEPs.
- Performs sleep study such as polysomnography, PAP Titration (Auto PAP, CPAP, Bi PAP, Servo ventilator), multiple sleep latency test (MSLT) and maintenance of wakefulness test (MWT).
- Autonomic Function Tests, Autonomic Pan Tilt Table Tests
- Teaching neuro electrophysiology students.
- Maintains records of all the procedures.
- Organizes work flow in the laboratory
- Assumes responsibility for recording equipment breakdown and coordinate Biomedical services for repair.
- Report processing of all the procedures done in Neurolab.

## REFEREES

### Dr. Anand Kumar MD, DM

Head of Dept.,  
Dept. of Neurology,  
AIMS, Kochi – 682 026, India.  
Phone : 0484 2802055  
Ph. 0484- 4001310 (ext.1314)  
E-mail id: anandkumar@aimshospital.org

### Dr.Vinayan Puthenveetil, MD, DNB, DM

Clinical Professor,  
Department of Pediatric Neurology,  
Amrita Institute of Medical Sciences,  
Kochi- 682026  
Kerala, India  
Ph. 0484- 4001310 (ext.1306)  
Tel: +91 4842802055  
email:vinayankp@aims.amrita.edu

### Dr. R. Suresh Kumar. MD,DM

Clinical Professor  
Unit – I, Department of Neurology  
Amrita Institute of Medical Sciences  
Kochi, Kerala, India- 682 026  
Ph. 0484- 4001310 (ext.1302)  
Fax. 0484-2802135  
E-mail: rsureshkumar@aims.amrita.edu

### Dr. Siby Gopinath, MD, DNB

Clinical Professor,  
Department of Neurology,  
Amrita Institute of Medical Sciences,  
Kochi- 682026  
Kerala, India  
Ph. 0484- 4001310 (ext.1347)  
E-mail: sibygopi@gmail.com

### Dr. Arun Grace Roy, MD, DM

Clinical Professor,  
Department of Neurology,  
Amrita Institute of Medical Sciences,  
Kochi- 682026  
Kerala, India  
Ph. 0484- 4001310 (ext.1315)  
E-mail: arungraceroy@aims.amrita.edu

### Dr. Sudheeran Kannoth MD, DM

Fellowship in Autoimmune Neurology  
Clinical Assistant Professor  
Neurology, Neuroimmunology  
Laboratory  
Amrita Institute of Medical Sciences,  
Kochi- 682026  
Kerala, India  
Ph. 0484- 4001310 (ext.1305)  
E-mail: sudheerank@aims.amrita.edu

05

06

07

## HAS WORKED ON

**Nicolet** - EEG and ENMG ,Polysomnography  
**Xltek** - EEG, Polysomnography  
**Biologic** - EEG and Polysomnography.  
**Resmed** - PAP Titration  
**Philips** - Polysomnography and PAP Titration.  
**Dantek** - NCV.  
**Nihon Kohden** - Digital EEG and Polysomnography.  
**Alice Pdx** - Type II, Type III Polysomnography  
**Alice Nightone** - Type II, Type III Polysomnography  
**Resmed Apnea Link** - Type III Polysomnography  
**Xltek Trex** - EEG, Polysomnography  
**Embla** - Screening Polysomnography

## SOFT SKILLS

- Clinical and Theoretical knowledge in Neuro Electrophysiology and Basic Neurology.
- Basic Knowledge of Neuro Anatomy, Physiology and Pharmacology,
- Excellent Organization and management in Neuro Electrophysiological studies.
- Good Listening skill.
- Good communication skill.
- Basic computer knowledge.
- Good reasoning and problem solving abilities.
- Ability to work independently and in team.

## DECLARATION

I hereby declare that all the above mentioned details are true to the best of my knowledge and belief.

Kochi

Signature