Diploma in Neuro Technology (DNT) – 05 Seats

Objective

- To train the student to acquire theoretical and practical knowledge in the working of equipment in the electrophysiology lab and neurology ICU.
- To familiarize the student with the working of Neurology department as well as the common diseases in Neurology
- To train the student to acquire the skill of handing, maintaining, arranging and operating the medical instruments used in neurology.
- The course is also aimed at training in managing certain medical emergencies arising in Neurophysiology lab.

Eligibility

Candidates who have passed Higher Secondary examination of the Board of Higher Secondary Education Kerala, VHSE Kerala, CBSE, ICSE or examinations recognized equivalent thereto, with 40% marks in Physics, Chemistry and Biology put together, are eligible.

Admission Policy

Out of the total Seats 50% Seats are filled by the management and the remaining 50% Seats by Government of Kerala through allotment conducted by LBS or any entrusted bodies of the government.

Duration

2 years + 6 Months internship

Course Outline: -

- The duration of the course is 2 years plus compulsory internship for six months.
- The course consists of two parts, Part I (1st year) and Part II (2nd year). There will be a single examination at the end Part II (2nd year) with written viva and practical tests.
- Paper(i) Basic Science Paper(ii) Common Disease of Nervous system, Paper(iii) Neuro Technology-1, Paper (iv) Neuro Technology II.
- A minimum of 50% marks in each of the subjects is required for a pass.
- Pass certificate will be issued only on successful completion of 6 months practical internship training at the attached hospital.

At the end of the course the student will be able to perform and interpret electrophysiology procedures. The students will acquire skills to assess the patient and plan various electro diagnostic procedures and implement them. Students have training in Autonomic function tests, pre-surgical evaluation of epilepsy, EEG (including Neonatal and long-term monitoring), Nerve conduction studies, Electromyogram, Visual evoked potential, Brainstem, Auditory evoked potential and Somatosensory evoked potential.