Srinivas University

Mangalore - India

Atomic Research Centre (ARC)

Research Centre for Neuroscience

Dr.Jeyaganesh Vellaisamy (PT)

Associate Professor
Institute of Physiotherapy

1. Purpose of ARC: Neuroscience is an essential understanding required to handle the patients involved with neurological issues. The basic neurophysiology and the systems involved in the learning and controlling the movements should be analysed and recorded scientific manner. There is an increasing need for neuro rehabilitation worldwide associated with changing health and demographic trends of increasing prevalence of neurological health challenges. And it is a major condition which demand global level focus towards rehabilitation, promoting health and prevention too. This research centre aiming to contribute the maximum effort to support it through its research work in order to add the evidences.

2. Objective of ARC:

➢ To establish an innovative research work to promote the evidence based practice.
➢ To enhance the usage of advanced rehabilitation methods and techniques.
➢ To promote the quality of treatment through updating the knowledge with research works.
➢ To guide the students in the domain of neuroscience and its advancements in research and clinical practice.
➢ To mould the students in the area of research activities and publications.

3. Description on Proposed Research:

➢ Primitive reflex system
➢ Role of feedback system in motor control

4. Expected Outcome:
Research plan under this cell helps in better understanding of the neurophysiology and better strategies to handle various neurological issues and thereby can help in establishing a better health strategy for the needed.

5. List of the Team Members:
➢ Dr. Radhika
➢ Dr. Anitha

6. List of Working Papers:

➢ Role of primitive reflex based techniques to promote better outcome among stroke population.

7. List of related Published Papers in Journals, Proceedings, Book Chapters, Magazines by Coordinator & his/her Group year wise in APA format.