

Faculty Name: Ms.C.M.Radhika

Degree: MPT.Neurosciences

Designation:Assistant Professor

Areas of Research Expertise:Stroke rehabilitation,Traumatic Brain Injury,Parkinsonism,Geriatrics.

Research projects

1. A comparative study to analyse risk factors in elderly population with and without fear of Fall (2012)
2. Effects of palatal stimulation on patients with dysphagia following stroke (2013)
3. A study to analyse the impact of open and closed kinematic chain exercises on proprioception among diabetic neuropathy patients (2014)
4. A study to analyse the impact of normal sway training using Lords sway meter on Fear of Fall ,Balance confidence and mobility compared to static exercises among elderly (2015)
5. A study a analyse effects of D chair exercises along with conventional exercises on postural control and hand functions of spastic diplegic cerebral palsy children (2016)
6. Analysis of impact of reduced maternal stress on the motor functions of children with cerebral palsy (2017)
7. Analysis of trunk muscle activity in hemiplegia during sitting on two different unstable surfaces (2018)
8. A study to analyse predictors of risk of fall in diabetic neuropathy patients (2018)
9. Is there a subclinical lower extremity muscle strength decrease in diabetes mellitus (2019)

Conferences, Seminars, Workshop, training undergone by faculty

1. CPE on research methodology and scientific writing
2. Seminar on Laser Therapy
3. CPE on evidence based exercise prescription of low back operative and non operative
4. Resource person in world parkinsons day
5. International conference in Bio psychosocial well being
6. Work shop on shock wave therapy
7. Resource person for Ergonomics for ICU nurses
8. Workshop on grant writing and publication writing
9. Movement disorder conference
10. Resource person in SPREE SRU
11. Exercise evaluation and prescription
12. Vestibular Rehabilitation
13. Contemporary rehabilitation for upper limb after stroke
14. Proprioceptive Neuromuscular Facilitation

15. Research methodology workshop
16. Blended learning SRU
17. Gait Rehabilitation Following stroke

Membership in Committees etc., (Internal/ External)

1. Membership in Alumni Chapter of Physiotherapy
2. Membership in mentor committee

List of Publications

1. A study to analyse Fear of Fall on the scores of Berg Balance scale among elderly (2012)
2. A comparative study to analyse risk factors in elderly population with and without fear of Fall (2013)
3. A study to analyse the impact of normal sway training using Lords sway meter on Fear of Fall ,Balance confidence and mobility compared to static exercises among elderly (2017).
4. Sharma I, Radhika CM, Sivakumar R, Venkatesh N. Analysis of Trunk Muscle Activity in Hemiplegia During Sitting on Two Different Unstable Surfaces. Indian Journal of PublicHealth Research & Development. 2019Dec;10(10):315–9. [Scopus].