

Faculty Name: Ms.M.Rajeswari

Degree: MPT.,Neurosciences

Designation:Associate Professor

Areas of Research Expertise: Neurological Rehabilitation ,Neonatal,Paediatric Rehabilitation

Research projects

1. A study to find the efficacy of multiple peripheral nerve stimulation in arousal of traumatic brain injury patients in 2012-2013
2. Correlation of hand grip strength with Anthropometric variables and quantifying hand Grip strength in children of age 3 - 5.5 years with Martin Vigorimeter in Indian Population in 2013-2014
3. A study to analyze the relationship between the bodyweight and muscle tone with Amiel tison angles in preterm infants from 32 weeks to 40 weeks of corrected gestational age in 2014-2015
4. Correlation of birth weight, gestational age and muscle tone with motor development of preterm infants in 2014-2015
5. To analyze the impact of Sensory processing dysfunction on Fine motor development in Autism spectrum disorders in 2015-2016
6. Efficacy of Mobilisation to sitting in various duration to improve arousal in Traumatic Brain injury patients in 2016-2017
7. Predictors of Functional outcomes in Traumatic Brain injury at 4 months post injury in South Indian population in 2016-2017
8. A study to analyse the factors associated with low muscle tone and impact of common Musculoskeletal problems on motor development in preterm infants at 1year of corrected age in 2017-2018
9. Comparison of Visual and Goniometric assessment and analysis of Inter observer difference in assessing Amiel Tison angles in High risk infants in 2018-2019
10. Hand Grip Strengthening Exercises on Fine Motor Skills in children with Autism Spectrum Disorder in 2018-2019

Awards & Recognitions of faculty

1. Physiotherapy education fund gold medal for the best outgoing student in MPT (Neurosciences) – 2018
2. Resource person in CME on “Motor Relearning Programme” SRU March’ 2012
3. Resource person in “Evaluation of an Infant- Focus on Spinal Issues” and “Lowback Pain in Pregnancy” in Ganga Course on Spinal Therapy held in Ganga hospital Coimbatore Jun’ 12

4. Appreciated for being a resource person for In house training program for ICU nurses on “Ergonomics for ICU Nurses” at SRU October 2016
5. Resource person in “Sri Ramachandra Physiotherapy rapid Review Education program” SPREE 2016 held at SRU February 2016
6. Resource person in “Sri Ramachandra Physiotherapy rapid Review Education program” SPREE 2016 held at SRU February 2017
7. Resource person in “World Optometry day 2018” conducted by Department of Optometry on 20.03.2018.
8. Resource person in “Sri Ramachandra Physiotherapy rapid Review Education program” SPREE 2019 held at SRU October 2017.

Conferences, Seminars, Workshop, training undergone by faculty

1. Seminar on “ Application of Science and Technology for Empowerment of
2. Differently abled ” on Feb 20th 2017 on the occasion of National Science day 2017
3. Workshop on "Comprehensive management of Cerebral palsy - A Life Span Approach" organised by FAME India. Bangalore on Feb 23- 25, 2017
4. International conference “STRIDE- 17” on Oct 26-27, 2017 in Saveetha college of Physiotherapy
5. Seminar on “Recent Trends in Physiotherapy for Neurological conditions” on Oct 15th 2017 organized by Forum for Physiotherapists
6. 10th World congress for Neurorehabilitation- From Neurotechnologies to
7. Community care organized by World Federation of Neurorehabilitation on Feb 7-10 in Powai Mumbai.
8. 2nd annual NICE conference on “Autism- Beyond core Therapies” organized by
9. Nishta centre of Excellence medical Research and Training on March 4th 2018
10. Seminar CPE on “Exercise Evaluation and Prescription ” by Arun.G.Maiya organized
by Faculty of Physiotherapy SRMC&RI on Feb 20th 2018
11. Workshop on “Vestibular Rehabilitation” by Dr. John Solomon organized by Faculty
of Physiotherapy SRMC&RI on May 2018
12. Workshop on “Contemporary Rehabilitation for the Upper limb after Stroke” organized by Faculty of Physiotherapy SRIHER on Feb 17^h and 18th September 2018
13. NICE conference on “Perspectives in Pediatric Neuro Rehabilitation”

- organized by NCORE 2018 on September 22nd and 23rd 2018
14. Research Methodology workshop organized by Sri Ramachandra centre for Health Professionals Education and Faculty Development and Department of Community Medicine SRIHER on Nov 30th 2018
 15. Basic course on “Blended Learning” in SRIHER on March 2019
 16. CME on “Current Approach to Management of Brachial Plexus Birth Palsy” organized by Institute of Child Health and Hospital for Children, Chennai on April 28th 2019.
 17. CME on “Current approach to management of Brachial plexus birth palsy” organised by Institute of child health and Hospital for children, Chennai on April 28,2019.
 18. Attended 16th Annual conference of the IAP chapter of “Neuro Developmental paediatrics” in association with IAP pune on 31st and September 1st 2019
 19. Attended conference on ” Assessment in early intervention “at NCERT 2019 on 29/09/2019.

Membership in Committees etc., (Internal/ External)

1. Member in Student Advisor committee – SRIHER
2. Member in Placement cell – SRIHER
3. Member in Audit committee – Faculty of Physiotherapy SRIHER

List of Publications

1. R. Sivakumar, Rajarajeswari, Rajeswari, N.Venkatesh “Analysis of impact of psychomotor skill of the examiner on the results of Passive Repositioning test used for Proprioception Evaluation” Sri Ramachandra Journal of Medicine Vol.5 issue 1 Jan-Jun 2012
2. Eruva Indira, Rajeswari.M. “Correlation of Hand grip strength with Anthropometric variables and quantifying hand grip strength in children of age 3 - 5.5 years with Martin Vigorimeter in Indian population” International Journal of Physiotherapy and Research 2015; Vol 3(2): 1006-1011. ISSN 2321-1822
3. Arockia Pramila. C, Rajeswari.M. “A study to analyze the relationship between the body weight and muscle tone with amiel-tison angles in preterm infants from 32 weeks to 40 weeks of corrected gestational age” International Journal of Physiotherapy and Research. 2016, Vol 4 (5):1707-12. ISSN 2321-1822
4. Rajeswari M Venkatesh Nagarathinam “Efficacy of Mobilisation to sitting in various duration to improve arousal in Traumatic Brain injury patients” WCNR 2018 Poster Abstracts Neurorehabilitation and Neural Repair May 2018
5. Pavani Vungarala Rajeswari M “Correlation of birth weight, gestational age and muscle tone with motor development of preterm infants” International Journal of Physiotherapy Vol 5(2), 63-68, April (2018)

6. Jeyaganesh Vellaisamy Rajeswari M “A study to analyze the relationship between the decline of cognition and fine motor skills in elderly population” International Journal of Physiotherapy Vol 5(4), 145-148, August (2018)
7. Teledevara S, Rajeswari M, Kumar R, Udayakumar N. Factors Associated with Low Muscle Tone and Impact of Common Musculoskeletal Problems on Motor Development in Preterm Infants at One Year of Corrected Age. Journal of Clinical & Diagnostic Research. 2019Mar;13(3):12–6. [Web of Science (ESCI)]