

Faculty Name: Ms.S.Sridevi

Degree: MPT.,Cardiopulmonary sciences

Designation:Associate Professor

Areas of Research Expertise: Cardiac and Pulmonary Rehabilitation, Renal Rehabilitation, Cancer Rehabilitation

Research projects

1. A Study to find The Correlation Between Six Minutes Walk Distance And Blood Glucose Level In Diabetic Patients (2013)
2. A study to find the influence of physical activity on interdialytic weight gain in chronic kidney disease-(2014)
3. A study to assess pedometers as a means to increase spontaneous physical activity in hemodialysis patients-GATE PROJECT 2014
4. A study to find the effect of gravitational stress on mechanically ventilated chronic kidney disease patients-(2016)
5. To study the effect of Interdialytic Exercises in middle aged and elderly Chronic Kidney Diseased patients 2014-2019
6. Relationship between Body composition, physical activity and functional capacity (2017)
7. Relationship between physical activity level and cardiac risk factors in adult population (2018)
8. A study to find barriers for physical activity among chronic kidney disease patients (2018)
9. An observational study on feasibility of graded early mobilization in mechanically ventilated patients (2019)
10. Effects of pre rehabilitation training on functional capacity in oncological abdominal surgery patients(2019)

Awards & Recognitions of faculty

1. Won TMA PAI endowment award for best poster presentation in COLLOQUIUM ON EXERCISE SCIENCE AND HEALTH PROMOTION conducted by SOAHS ,Manipal University,Manipal. (2013)
2. Won First place in paper presentation in UNESCO chair in Bioethics Asia Pacific division International Conference on Bioethics in Health sciences 8.11.2019-10.11.2019.
3. Appreciated for being a resource person for In house training program for ICU nurses on “Ergonomics for ICU Nurses”
4. Resource Person For Exercise Prescription For Special Population Spice

- 2013, VEL'S University
5. Resource Person-Outcomes In Cardiac Rehabilitation -National physiotherapy Conference-SVIMPS 2014
 6. Resource person Effects of nerve and muscle stimulating current -Physiotherapy in ICU- SPREE 2016
 7. Resource person - SPREE 2017
 8. Resource person for National level conference on Renal rehabilitation 18.8.2018

Conferences, Seminars, Workshop, training undergone by faculty

1. CPE in research methodology & scientific writing for physiotherapists Feb 2013
2. State level conference in recent trends in TKR rehabilitation March 2013
3. Work shop on Optimizing your voice- conducted by Department of SLHS,Sri Ramachandra University
4. Seminar on Chronic Kidney Disease conducted by Department of Biochemistry.,Sri Ramachandra University April 2013
5. Attended SPICE 2013 conducted by Vels University
6. Colloquim on Exercise science and health promotion conducted by SOAHS Manipal University,Manipal 2013
7. Workshop on Physiotherapy in Womens health conducted by SOAHS Manipal University,Manipal 2013
8. International conference on Ethics and Biostatistics 2013
9. Research Methodology For Ph.D Candidates organized by Department of Community medicine , Sri Ramachandra University 3.5.2013-4.5.2013
10. Workshop on JCI standards , Sri Ramachandra University 18.11.2014
11. Workshop on guidelines for Quality publication, Sri Ramachandra University
12. Recent trends in spasticity and therapeutic interventions- Meenakashi College of Physiotherapy June 2014
13. International Physiotherapy conference in musculoskeletal physiotherapy,SRU 3.7.2014-5.7.2014
14. Mentoring and counselling conducted by college of Management Sri Ramachandra University 2.8.2014
15. Recent trends in Renal biochemistry conducted by Department of Biochemistry, Sri Ramachandra University 26.8.2014
16. Workshop on JCI standards , Sri Ramachandra University 18.11.2014
17. Ethics and responsible conduct of research:Basics and beyond,CITI 11.11.2014-12.11.2014
18. Workshop on guidelines for Quality publication 8.4.2015
19. Attended National physiotherapy Conference-SVIMPS 2014
20. International symposium on Exercise science and health promotion organised by SOAHS,Maniapl University,Manipal.
21. NEN E WEEK-2015,conducted by College of Management ,Sri Ramachandra University
Seminar in entrepreneurship towards E-week celebration
22. Workshop on Bands,balls,balance conducted by National conference of IAP-SALEM
23. Attended and coordinator of NIAHS workshop, Ministry of Health & family welfare, India 20.5.2015

24. Laser safety, Sri Ramachandra University 4.8.2015
25. Indian citation index, Sri Ramachandra University 13.8.2015
26. Workshop on grant writing & publication writing, Sri Ramachandra University 14.9.2015
27. International workshop on cardiovascular and pulmonary competencies as a component of physical therapy across specialities an evidence to practice 11.3.2016-13.3.2016
28. Research capacity building 17.9.2016-29.6.2016
29. Yogic management of diseases 28.6.2016-19.6.2016
30. Infer CME 24.3.2017
31. Role of Yoga to improve quality of life 15.6.2017-21.6.2017
32. First conference on Cardio pulmonary rehabilitation 23.9.2017
33. Dissemination program for "ICMR NATIONAL ETHICAL GUIDELINES-2017"- FEB 2018
34. Exercise evaluation and prescription 20.2.2018
35. Vestibular Rehabilitation 13.4.2018
36. Breast cancer rehabilitation Jan 2018
37. Updates on yoga and autonomic nervous system 18.4.2018
38. National level CPE on renal rehabilitation 18.8.2018
39. Research methodology 30.11.2018
40. CME on current management for Brachial plexus birth palsy 28.4.2019
41. UNESCO chair in Bioethics Asia Pacific division International Conference on Bioethics in Health sciences 8.11.2019-10.11.2019.

Membership in Committees etc., (Internal/ External)

1. Member, Audit committee, Faculty of physiotherapy, Sri Ramachandra University
2. Member in Association for students research, Sri Ramachandra University

List of Publications

1. N.Venkatesh, T.Senthil Kumar, S.Sridevi, GUEST COLUMN: Physiotherapy In Metabolic Dysfunctions In Icu: An Uprising Need - Physiotimes Sept 2010
2. N.Venkatesh, T.Senthilkumar, S.Sridevi "Supervised Exercise Training Improves Functional Capacity During Phase II Cardiac Rehabilitation In Post CABG Patients" in Sri Ramachandra Journal Of Medicine vol-6, issue-1 30-34 (2013).
3. Prof.N.Venkatesh, Prof.S.Thanikachalam, Prof.J.S.N.Moorthy, Dr.Arun Maiya, T.SenthilKumar, S. Sridevi. Six minute walk test A Literary Review, Sri Ramachandra Journal of Medicine, Vol. 4 Issue 1 (Jan to June 2011); Page no 30 - 34
4. Swadita Dinakar, S. Sridevi. A study to find the correlation between six minutes walk distance and blood glucose level in diabetic patients. Int J Physiother Res 2015, Vol 3(4):1099-04.
5. Vijayalakshmi V, Sridevi S, Venkatesh N, Kumar TS. Relationship Between Body Composition, Physical Activity and Functional Capacity. Indian Journal of Public Health Research & Development. 2019;10(8):601-6.

6. Venkatesh N, T.Senthil Kumar ,Sridevi SR.Yogeswari. The effects of Exercise on the sympathovagal regulation of heart functional capacity in patients following Coronary Artery Bypass Surgery. Indian Journal of Public Health Research & Development.2019Nov;10(11),519-523.
7. Prithiha V, Kumar T, Senthil kumar, Venkatesh N, Sridevi S. An Analytical Study on Physical Activity, Functional Capacity and Sleep Health in Patients with Type 1 and Type 2 Diabetes. Indian Journal of Public Health Research & Development. 2019Dec;10(10):559–63. [Scopus].