

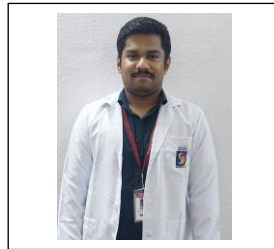
Srinivas University

Mangalore, India



Atomic Research Centre (ARC)

(Cardiopulmonary Physiotherapy and Rehabilitation)



Tamilalagan M

Assistant Professor

Institute of Physiotherapy

Srinivas University

1. Purpose of ARC:

To create an innovative and advanced cardiopulmonary research centres to progress and excel in the advanced physiotherapy and rehabilitative intervention in the field of cardiopulmonary physiotherapy. Further to explore various research projects and programs to grow cardiopulmonary physiotherapy wing and cardiac and pulmonary rehabilitation centers.

2. Objective of ARC:

- The objective of this research centre is to provide a scientific communication medium to discuss the utmost advancements in the domain of Cardio Pulmonary Physiotherapy and Rehabilitation Research.
- To update and inculcate all advanced methods of assessment and examination procedures used to evaluate patients with Cardiac and Respiratory Diseases.
- To train both UG, PG students and Research scholars in the immediate recognition and treatment of emergency and life threatening illnesses including medical, surgical, and ICU emergencies.
- To train students in the recognition, evaluation and management of cardio pulmonary physical disabilities and cardiopulmonary physiotherapy and rehabilitation management skills.
- To identify and specify strategies of intervention during various phases of cardiac and pulmonary rehabilitation.

3. Description on Proposed Research:

1. Effect of tennis leg in the athletes.

4. Expected Outcomes:

1. Impact of the stretching and strengthening in the tennis leg.

5. List of the Team Members:

1. Dr.Tamilalagan
2. Neha sirwani

6. List of Working Papers:

- (1) Effect of tennis leg in the atheletes.- Review of literature.

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

(1) Ganesh GS, Dakshinamoorthy A, Tamilalagan M, Shah D, Dokania S. A cross-sectional study on the influence of COVID-19 pandemic on physical activity patterns among residents in a South Indian City. Bulletin of Faculty of Physical Therapy. 2022 Dec;27(1):1-8.

(2) Telerehabilitation as a tool given on physical fitness and quality of life in overweight and obese college students amidst covid 19 pandemic – single group pre-post design Tamilalagan 1, M.Premkumar 2, K.Sangeetha 3, S.Kavitha 4 ,IJOPT journal,2022 Nov-Oct volume 16.

(3) Effects of buteyko therapy on dipping of peak expiratory flow rate and quality of life in asthmatic patients

D. Anandhi 1 , Tamilalagan.M 2, Fitzotherapia polaska, Oct-Nov2022, volume 12.