

# Srinivas University

Mangalore - India



**Atomic Research Centre (ARC)**

**Research Centre for Paediatric sciences and Rehabilitation**



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Assistant professor  
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**1. Purpose of ARC:** The research centre for paediatric sciences and research works for variety of physical, mental illness and social issues related to the paediatric population. Counselling is fundamentally associated with paediatric research. Research trials focus on restoring the movements and improving the overall functional activity of the child focusing on reducing or preventing level of disability and thereby designed for the uplifting their quality of life. Concept includes assessment, management and restoration with various training programs. Current Paediatric Research is an interdisciplinary Research approach for publication of original research work in all major disciplines of Paediatric Research.

## **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 Paediatric Research.
- To provide an excellent clinical experience in the management of paediatric patients of all ages with a broad spectrum of illnesses and injuries.
- To train students in the recognition, evaluation and management of paediatric physical disabilities.
- Providing sophisticated treatment approaches based on scientific basis for prevention and treatment of functional impairments and disability.
- To provide students with the skills necessary to meet the emotional needs of patients, their families, and in the Paediatric Department.
- To provide evidence-based physiotherapy management strategies for children with various neuro muscular dysfunctions.

### **3. Description on Proposed Research:**

- Movement and play behavior
- Postural analysis

### **4. Expected Outcome:**

Research plan under this cell helps in better understanding of the possible musculoskeletal and environment issues leading to various movement issues and thereby can help in establishing a better treatment strategy for the needed.

### **5. List of the Team Members:**

- Dr Pallavi Anna Mathew
- Dr Sahana

### **6. List of Working Papers:**

- Impact of COVID – 19 pandemics on movement and play behaviour in school aged children and adolescents of Mangalore: A survey
- Risk of developing musculoskeletal disorders in Gym goers – cross sectional study

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