

Srinivas University

Mangalore - India



Atomic Research Centre (ARC)

RESEARCH CENTRE FOR MATHEMATICAL EDUCATION



Dr. Vijayalakshmi Naik, Professor,

Institution of Education

1. Purpose of ARC:

Improving Mathematical ability of the Students.

2. Objective of ARC:

- Understand Mathematics as a study of creating different patterns
- Focus on different mathematical processes
- Understand the nature and structure of Mathematics
- Critically challenge the sociological beliefs related to mathematical abilities, Mathematics confined to Arithmetic
- Discuss the developmental progression in the learning of Mathematical concepts
- Explain Socio-cultural perspectives in Mathematics learning
- Explain the meaning, principles and organization of Mathematics Curriculum
- Discuss the features of Mathematics Syllabus with special reference Karnataka State syllabus, CBSE and ICSE;

3. Description on Proposed Research:

Action research methodology is used. Pretest is conducted to diagnose problems of the students. Remedial measures are given then posttest is conducted.

4. Expected Outcome:

Improving Mathematical ability of the Students.

5. List of the Team Members:

- Sushmitha S
- Varsha K V
- Dhanya V Rai
- Azreena Havva

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

Vijayalakshmi Naik, (2021) Effect of Multi-media approach on the development of selected competencies in mathematics among slum students - Indian Journal of Applied Research An International Journal, 11(10).

Name & Signature of Coordinator with date.



Dr. Vijayalakshmi Naik

Date: 21/09/2022