

Srinivas University

Mangalore - India



Atomic Research Centre (ARC)

RESEARCH CENTRE FOR BIOLOGICAL SCIENCE



**Dr. Padmanabha C.H., Associate Professor,
Institution of Education**

1. Purpose of ARC:

Improving drawing skills and understanding ability of the Students.

2. Objective of ARC:

- Acquire an understanding of the scientific focus of Biology and will note its relationship with other branches of science.
- Clarify the terms, concepts and processes of cell biology, Developmental Biology, physiology and Environmental Biology, Genetics and Evolution.
- Note the recent trends in the content and curriculum of Biology in India and other countries and realize its significance as teachers.
- Develop the skill of writing instructional objectives in terms of observable behaviours, analyze the content pedagogically and prepare lesson plans in transactional terms.
- Learn the methods and approaches to teaching Biology and apply the same to teaching at the secondary school level.
- Use advanced and creative techniques, learning aids and improvised apparatus in their Biology lessons in secondary schools.

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 drawing skills and understanding ability of the Students.

5. List of the Team Members:

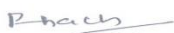
- Sonia K George
- Swathi B

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.

1. Padmanabha C.H. (2015) Right To Education Act –Challenges in its Implementation in Rural Areas, 5(1), 121-123.
2. Padmanabha C.H (2017) Learning styles a Conceptual Framework Indian Journal of Applied Research, 7(9) 49-51.
3. Padmanabha, C. H. (2018) Critical Thinking: Conceptual Framework. *i-manager's Journal on Educational Psychology*, 11(4), 45-53. <https://doi.org/10.26634/jpsy.11.4.14221>
4. Padmanabha C.H & Dr. H.M. Kasinath (2019) Learning from the perspectives of Mind Mapping, *International journal of education and psychological research*, 8(2) 99-103.
5. Padmanabha C.H (2019) Cognitive Apprenticeship Model of Learning *International Research Journal of Pedagogy and education*, XI (2), 42-49.
6. Padmanabha C.H (2019) Learning Autonomy: Crux of Learning: *Indian Journal of Applied Research*, 9(3), 55-57.
7. Padmanabha, C. H. (2020) Innate and Acquired Abilities of Children: It's Role in Human Learning. *i-manager's Journal on Educational Psychology*, 13(3), 1-8. <https://doi.org/10.26634/jpsy.13.3.15090>
8. Padmanabha, C. H. (2020) Metacognition: Conceptual Framework. *i-manager's Journal on Educational Psychology*, 14(1), 1-11. <https://doi.org/10.26634/jpsy.14.1.16710>
9. Padmanabha C.H (2020) Inclusive Education: Policy Perspective *NOLEGEIN Journal of Corporate & Business Laws*, 3(2), 1-5.
10. Padmanabha, C. H. (2021). Assessment for Learning, Assessment of Learning, Assessment as Learning: A Conceptual Framework. *i-manager's Journal on Educational Psychology*, 14(4), 14-21. <https://doi.org/10.26634/jpsy.14.4.17681>

Name & Signature of Coordinator with date.



Dr. Padmanabha C.H,
Date: 21/09/2022