**Srinivas University**

**Mangalore ‐ India**

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**Atomic Research Centre (ARC)**

**Centre for Animation Research**

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 **Mrs. Jeetha Dr. Krishna Prasad K.,**

**Senior Faculty Associate Professor**

**Institution of Computer & Information Science**

**1. Purpose of ARC :** Computerized Animation has become the most prominent feature of technology-based learning environments. Recently, educational computer animation has turned out to be one of the most elegant tools for presenting multimedia materials for learners, and its significance in helping to understand and remember information has greatly increased since the advent of powerful graphics-oriented computers.

**2. Objective of ARC :** First and foremost, objective of the study is to understand the impact of animation based on-line learning environment on transfer of knowledge among school children of Dakshina Kannada District. Additionally, to evaluate the level of perception change of students in understanding lessons with integrated animations. And lastly to find the feasibility of introducing lessons with integrated animations in regional languages for greater interest in learning and emphasizing more use of animation technology and experiments during lessons.

**3. Description on Proposed Research :**

The study described here is among the first of its kind to investigate systematically the effect of learning with integrated animations on transfer of knowledge and on motivation to learn prescribed syllabus among school going children of Dakshina Kannada District of Karnataka, India. Students in the experimental group will participate on regular basis in lessons that integrated with the animation environment. The experiment will continue for 2 to 3 years. The hypothesis of the study is that there will be huge impact by animation-based on-line learning environment on transfer of knowledge and on learning motivation.

**4. Expected Outcome:**

* Impact analysis of computerized animation on children with special needs will able to lead policy maker to draft self-learning module systems for such communities.
* Understanding of the level of transmission of knowledge among children with special needs using visual media will help learning material developers to choose apt tools which are very effective.

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

**Mrs. Jeetha**

Senior Lecturer

Department of Animation and Visual Effects

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**Dr. Krishna Prasad K.**

Associate Professor

College of Computer Science and Information Science

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**6. List of Working Papers :**

**(1) Impact of animated learning modules among children with special needs: A case study of Mangaluru city**

**(2) Limitations in perceiving animated learning modules among children with special needs: A case study of Mangaluru city**

**(3) Possibilities of animated learning modules for children with special needs: An experimental study**

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

**1.** Future enhancements and propensities in forthcoming communication system – 5G Network Technology doi:10.1088/1742-6596/1712/1/012006

2. Business Strategy Of Top Indian Animation Company: Green Gold Animation

https://irjmets.com/rootaccess/forms/uploads/IRJMETS211778.pdf

3. Animation For Learning: Enhancement Of Learning Through Animation- A Review Of Literature https://irjmets.com/rootaccess/forms/uploads/IRJMETS549822.pdf

4. A Study On Influence Of Cartoon Characters On Children’s Purchase Of Toys

https://irjmets.com/rootaccess/forms/uploads/IRJMETS170168.pdf

**Name & Signature of Coordinator with date.**