



**Ashtavakra Institute of Rehabilitation Sciences & Research**  
Formerly Special Art School

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**ASHTAVAKRA JOURNAL CLUB**

**SESSION 2023-24**

**B.Ed. Spl. Edu.HI**

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**TOPIC- Technology Based Learning**

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**Name of the Journal (APA)- Silvano Mior, Verville Leslie, Technology Discover, 30(7), 24-25.**

**ABSTRACT**

**Objective:**

- To provide education in the use of Information and Communication Technology or ICT.
- To encourage higher-level thinking and creativity through ICT.
- To deliver students with a learning experience in instructional technology.
- To promote computer-based educational resources.
- To make students aware of Information Technology.
- To determine the practical use of technology integration.

**Methods:**

This quantitative research study looked at the mean scores of Topic Tests in the envision Math series, Discovery Education Assessments, and attendance records to determine whether Technology was responsible for student academic achievement and motivation. Technology is a recent phenomenon in school districts across the country. As our world becomes more enriched with technology, school officials and administrators are looking for the positive impacts that technology can offer teachers and students, alike, in the classroom through meaningful and engaging teaching method and instruction.



**Results:**

The purpose of this study was to determine whether Technology effects student academic achievement and motivation. Technology refers to the technological movement of every child in the classroom, school, school district, etc., having a laptop in the classroom to manipulate and learn with as a tool. In the Implementation classroom, 25 students participated in the study, whereas in the traditional classroom, only 22 students participated. The discrepancies between the numbers of students participating could skew or misrepresent the data that is gathered and analysed for this study. Implementation does truly affect student academic achievement and motivation. The motivational aspect for this study was measured using the student attendance records. The school that participated in this study splits the whole school day into Periods 1 and 2.

**Conclusion:**

The role of technology in the theory is to facilitate all aspects of engagement. The use of e-mail, online conferencing, Web databases, groupware, and audio/videoconferencing significantly increases the extent and ease of interaction among all participants, as well as access to information. The vast array of software tools available for analysis, design, planning, problem- solving, and making presentations enable students to do sophisticated and complex tasks. Technology provides an electronic learning environment that fosters the kind of creativity and communication needed to nourish engagement

**Keywords:** Technology implementation; Student motivation; Academic achievement.

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