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*"Impact of academic streams on ICT awareness and academic performance: A study of senior secondary school students"*

**\*<sup>1</sup>Praveen Kumar TD, <sup>2</sup>Shilpa K.P, <sup>3</sup>Shibanjan Paul Roy**

<sup>\*1</sup>Associate Professor, Dept. of Education, Guru Kashi University, Talwandi Sabo -151302

<sup>2</sup>Assistant Professor, MES College of Art, Commerce and Science MPL Shastry Road, Bengaluru-560003

<sup>3</sup>Freelancer Scientist, Race Course Para, Jalpaiguri

*\*Corresponding Author: Praveen Kumar TD  
Email: pravedu2011@gmail.com*

### **Abstract:**

This study aims to investigate the awareness of Information and Communication Technology (ICT) and academic achievement among Senior Secondary School Students in Barnala district, Punjab. The primary objectives include evaluating the level of ICT awareness and academic achievement, examining the relationship between ICT awareness and academic performance, and scrutinizing potential variations in ICT awareness and academic achievement based on streams. Employing a descriptive survey design, the research involved a sample of 232 participants categorized by their respective streams, and data were gathered using a self-constructed questionnaire. Statistical analyses, including 't' tests and correlation, were employed. The results reveal a heightened level of ICT awareness, average academic achievement, and noteworthy differences in mean scores based on gender. Additionally, a substantial association between ICT awareness and academic achievement among Senior Secondary School Students was identified.

### **Keywords:**

ICT, Awareness, Academic achievement, streams differences questionnaire, Correlation