

Smart Pencil - Recent Technology Trends In Computer Technology

Rushda Osama Khanzada¹, Ayesha Mehboob Fahim², Maliha Musaddique Halde³

Asst Prof, Department of Computer Science¹

Students, Anjuman Islam Janjira Degree College of Science, Murud Janjira, Raigad Maharashtra, India²

Abstract: *The evolution of digital input devices has led to the development of digital pencils, which bridge the gap between traditional handwriting and digital convenience. This paper explores the significance, technological advancements, and applications of digital pencils in education, design, and professional fields. The study focuses on sensor technology, pressure sensitivity, and ergonomic design that improve user experience. Findings indicate that digital pencils enhance productivity, creativity, and accuracy in digital content creation. This research provides insights into the current state of digital pencils and potential advancements that can further optimize their usability and accessibility*

Keywords: digital pencil, handwriting, education, drawing

