

ChatGPT-Assisted Learning: A New Paradigm for Information Technology Education

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Abstract: *This study explored the effectiveness of ChatGPT as a learning aid for Bachelor of Science in Information and Communications Technology (BSICT) students at Surigao del Norte State University (SNSU). With the increasing integration of artificial intelligence in education, the research focuses on two key features of ChatGPT: its search function and personalized learning capabilities. The primary aim is to assess how these features impact students' knowledge acquisition, skill development, and learning behaviour. A quantitative research design was employed using a structured questionnaire based on the Technology Acceptance Model (TAM) to evaluate perceived usefulness, ease of use, and satisfaction. Results revealed that ChatGPT helped students better understand complex topics, improve technical and cognitive skills, and foster positive behaviours such as consistency, curiosity, and independent study. Additionally, the tool was found to reduce manual effort and promote deeper engagement with learning materials. The study concludes that ChatGPT, when thoughtfully integrated into academic routines, can serve as an effective and accessible aid in enhancing student learning outcomes.*

Keywords: ChatGPT, Personalized Learning, Knowledge, Skills

