

**IMPACT OF THE ADOPTION OF CHAT-GPT ON CREATIVITY OF UNIVERSITY
UNDERGRADUATES IN SRI LANKA
(REFERENCE TO FIVE SELECTED UNIVERSITIES)**

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ABSTRACT

In the 21st century, artificial intelligence has become increasingly important in various areas, including education. ChatGPT, created by OpenAI, is a powerful tool that reaches 1 million users in just five days, much faster than Facebook, Instagram, and Twitter. This is particularly popular among university undergraduates, and is the top choice among AI tools for creating content. The educational approach prioritizes general skills, such as creativity, and promotes collaborative learning through real-world problem solving in classrooms. Studying the impact of ChatGPT on the creativity of university undergraduates is important, because they are at a pivotal point in their education and career development. As undergraduates use the ChatGPT more for assignments and research activities, it is crucial to understand how it affects their creativity. University undergraduates represent a unique group owing to their distinct characteristics, including their educational background, advanced thinking skills, creativity, and potential future career paths. An online questionnaire was used to collect data from five state universities, using a stratified sampling technique. The selected sample size was 382, and 416 responses were received. Consequently, all collected responses were included in the subsequent analyses of descriptive statistics, correlation, and regression. The findings revealed that ChatGPT has a positive relationship with creativity among university undergraduates. This study offers valuable insights for educational institutions, policymakers, undergraduates, and school students to integrate ChatGPT into the academic environment and suggests implementing monitoring techniques.

Keywords: AI in education, Chat-GPT, creativity, university undergraduate.