

METHODOLOGY OF TEACHING INFORMATION TECHNOLOGY IN EDUCATION BASED ON PROJECT-BASED LEARNING ENVIRONMENT

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ABSTRACT

This article explores the methodology of teaching information technology (IT) in education through project-based learning (PBL). Project-Based Education (PBE) has gained traction as an effective pedagogical approach for teaching Information Technology (IT). Furthermore, the integration of PBE in IT education, highlighting its impact on student engagement, skill acquisition, and problem-solving abilities. The study examines how PBE aligns with the goals of IT education, its methodology in practice, and the outcomes in real classroom settings. Findings suggest that PBE fosters practical learning, encourages collaboration, and improves both technical and soft skills. The study aims to evaluate the effectiveness of PBL in enhancing students' technical skills, creativity, and problem-solving abilities.

Keywords: Information Technology (IT), Project-based learning (PBL), 21CLD Skills, eduScrum Methodology, Collaboration.