

Enhance the teaching practicum experience by addressing the gap between theoretical knowledge and classroom application, a common challenge faced by student teachers. By integrating, reflection, practice, mentorship, and technology, such as digital portfolio, video feedback, and tools, the study will enable student teachers to receive real-time, actionable insights on their teaching. The research will assess the effectiveness of the strategies and improvising, teaching practices, self-reflection, and professional development through a mixed methods approach, including surveys and interviews with student teachers and mentors. The results include improved classroom management, enhanced instructional skills, and increased confidence among student teachers. Ultimately, the study aims to propose a scalpel framework for teacher preparation programs that leverage technology and mentorship to better prepare future educators for diverse and dynamic classroom environments.