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**Name of Topic:** A Study of Online Learning Strategies and Their Effectiveness in Teacher Education

**Keywords:** Online Learning, Online Learning Strategies, Effectiveness, Teacher Education, Attitude towards Online Learning

## **ABSTRACT**

Online learning has proved to be one of the best means for teaching as well as learning. The significance and effectiveness of technology-based teaching and learning cannot be moderated. The study attempted to identify online learning strategies being used in teacher education and their effectiveness as perceived by teacher-educators and student-teachers. This study also explored the attitude of teacher-educators and student-teachers towards online learning. The researcher used mixed research methods for the present study. To address the vital research objectives, this study utilized both qualitative as well as quantitative methods and integrated the data from both primary and secondary sources. The qualitative approach helped the quantitative data analysis and documenting of the results and findings. This study was carried out in three phases, and it employed an Ex-post-facto research design to study the strategies, status, and effectiveness of online learning in teacher education institutions. Frequencies, percentages, mean, standard deviation and t-tests were used to analyze the data. The findings revealed that student-teachers were more positive towards online learning than teacher-educators. Provided their institution implements online learning, both teacher-educators and student-teachers preferred it if they have sufficient technical availability and access. To thrive in an online learning environment, the enhancement of technical skills of both teacher-educators and student-teachers is imperative.

Because online learning techniques lack specified learning objectives and desired learning experiences, their efficiency was moderate, but student-teachers' attitudes toward online learning came out to be favourable. In addition, teacher-educators were having a fairly good view of online learning. Data was also analyzed based on demographic classification.