

Notification: 522/2022

Date: 12-10-2022

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Topic: Development of Self Learning Material (SLM) on Web Tools for Teaching and Learning

Keywords: Self Learning Material, Web Tools, Blogs, Podcasts, Mind Maps, Digital Lesson Plans, Educational Videos, Teacher Educators, Student Teachers

Findings

There are majorly two factors that affect the usage of Technology - attitude and awareness/ competence. The COVID-19 pandemic has made a radical shift in the 'attitude' toward Technology. For the second factor i.e. awareness/ competence, there is a need for customized content and/ or training on 'Technology Enabled Learning' (TEL). The present study is an attempt for the facilitation of the second factor. The researcher has prepared the Self Learning Material (SLM) on Web Tools using ADDIE model. Blogs, Podcasts, Mind Maps, Digital Lesson Plans and Educational Videos were chosen. The researcher used the Four Quadrant Approach for Digital SLM development. Blogger for Blogging, Anchor by Spotify for Podcasting, FreeMind for Mind Mapping, Google Docs for Digital Lesson Planning and MS PowerPoint were the selected Online Platforms for demonstration of Web Tools. The effectiveness of the developed Digital SLM was checked with the help of a Single Group Pretest – Posttest Pre-experimental Study. The study found that the Digital SLM developed by the researcher is effective in enhancing the awareness and competence of using Web Tools of Teacher Educators and Student Teachers.