

Washington State University
College of Education
Preyadarshini Panday-Shukla

Will defend the dissertation on

Date: May 6, 2024

Time: 11:00 A.M.

Pullman Campus – Cleveland Hall 353

Faculty, students and the general public are encouraged to attend

**EXPLORING CURRENT AND EMERGING
TECHNOLOGIES FOR EDUCATION**

Chair: Joy Egbert

This dissertation consists of two separate studies exploring current and emerging technologies for education. The current technology is presented in the first study as an open educational resource (OER) for language learning. This study explored the affordances of OERs for language by comparing a traditional textbook and an OER web-book in terms of perceived quality and task engagement. The study findings provided some insights into how language learners' perceptions of the quality of OERs may influence their engagement with learning tasks, and consequently, with language learning.

The emerging technology is presented in the second study as generative artificial intelligence (GenAI) for education. This study explored the perceptions and experiences of pre-service teachers and teacher educators about GenAI tools. The findings offer valuable insights by outlining key attributes that can influence the adoption of these tools in higher education. Based on this knowledge, this study provides practical recommendations for teacher educators and administrators to address adoption and prepare current and future teachers.