

# LITERATURE REVIEW

## Introduction

- Background on the growth of remote learning in higher education
- Explanation of why student engagement is a concern
- Research focus on how online instruction affects participation and motivation

## Student Engagement in Online Learning

- Overview of engagement theories used in education research
- Studies measuring participation, attendance, and interaction
  - study 1: survey-based analysis of engagement levels in online courses
  - study 2: comparison of discussion participation in online and in-person classes
- Discussion of shared findings and key differences

## Technology and Instructional Design

- Role of learning platforms and course structure
- Studies on video lectures, discussion boards, and interactive tools
  - study 3: impact of asynchronous lectures on attention and retention
  - study 4: use of breakout rooms and collaborative tools
- Evaluation of which design choices improve engagement

## Student Experience and Equity

- Access, digital literacy, and learning environments
- Studies focused on first-generation and low-income students
- Gaps in research on long-term engagement outcomes

## Conclusion

- Summary of major patterns across studies
- Strengths and weaknesses in existing research
- Unanswered questions and directions for future research

