

Evaluating the Impact of Yoodli on Communication Skill Development and Employability in Higher Education: A Study of Pune

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Abstract

The adoption of Artificial Intelligence (AI) tools in higher education is transforming the way communication skills and employability competencies are developed among students. This study examines the impact of the Yoodli AI speech coaching platform on communication skill development among students in higher education institutions in Pune. The research combines secondary literature review with a simulated survey dataset representing 120 student responses to analyze awareness, confidence improvement, skill enhancement, and interview readiness. The findings indicate that AI-driven speech coaching tools significantly enhance communication confidence, presentation effectiveness, and employability readiness among students.

Introduction

Artificial Intelligence is increasingly integrated into educational technology to support personalized learning and skill development. Communication skills remain one of the most critical competencies required for employability. Many graduates possess strong technical knowledge but lack confidence in public speaking, presentations, and job interviews. AI speech coaching platforms such as Yoodli provide automated feedback on speech clarity, tone, filler words, and pacing. This research explores how such tools contribute to communication skill enhancement and employability readiness among students in Pune's higher education ecosystem.

Objectives of the Study

1. To examine student awareness of AI communication training tools.
2. To analyze the effect of Yoodli on communication confidence.
3. To identify which communication skills improve the most with AI speech coaching.
4. To evaluate the impact of AI communication tools on interview readiness.

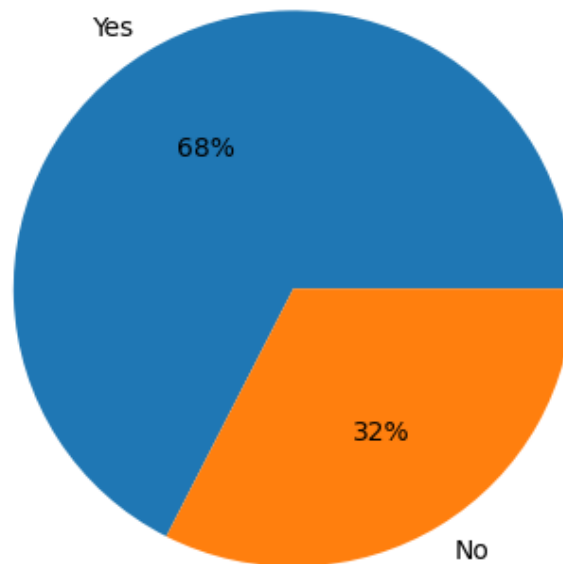
Methodology

A survey dataset representing 120 student responses was used for the purpose of data analysis. The dataset includes variables related to awareness of Yoodli, improvement in communication confidence, specific skills improved, and perceived impact on interview readiness. Descriptive statistical analysis was used to interpret the results.

Data Interpretation

Figure 1 shows student awareness of the Yoodli communication platform.

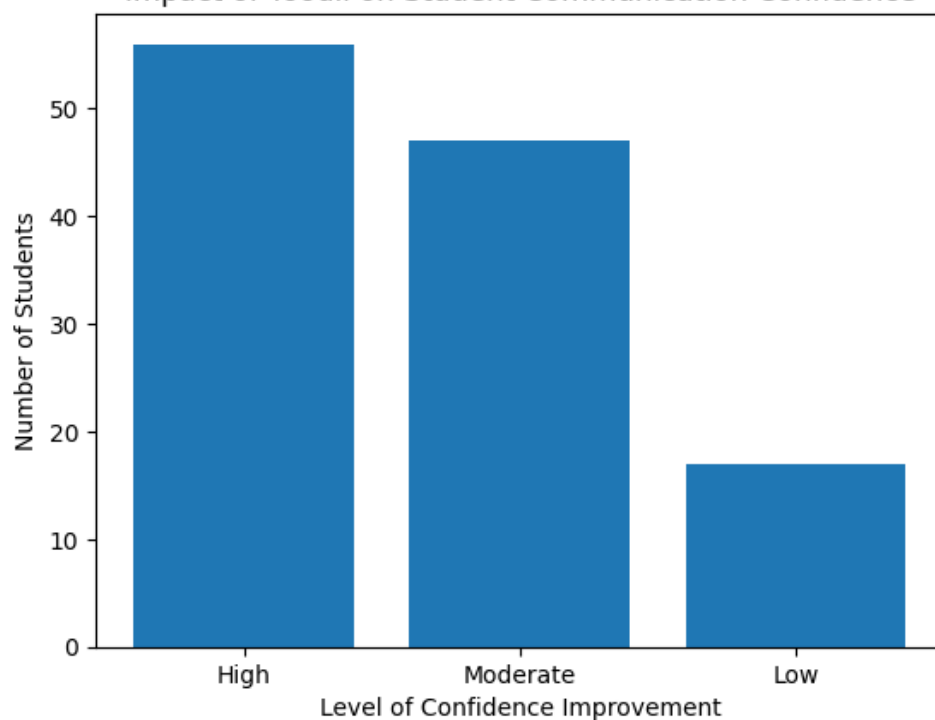
Student Awareness of Yoodli AI Communication Tool



The pie chart indicates that a majority of students are aware of AI-based communication tools, suggesting increasing exposure to digital learning platforms.

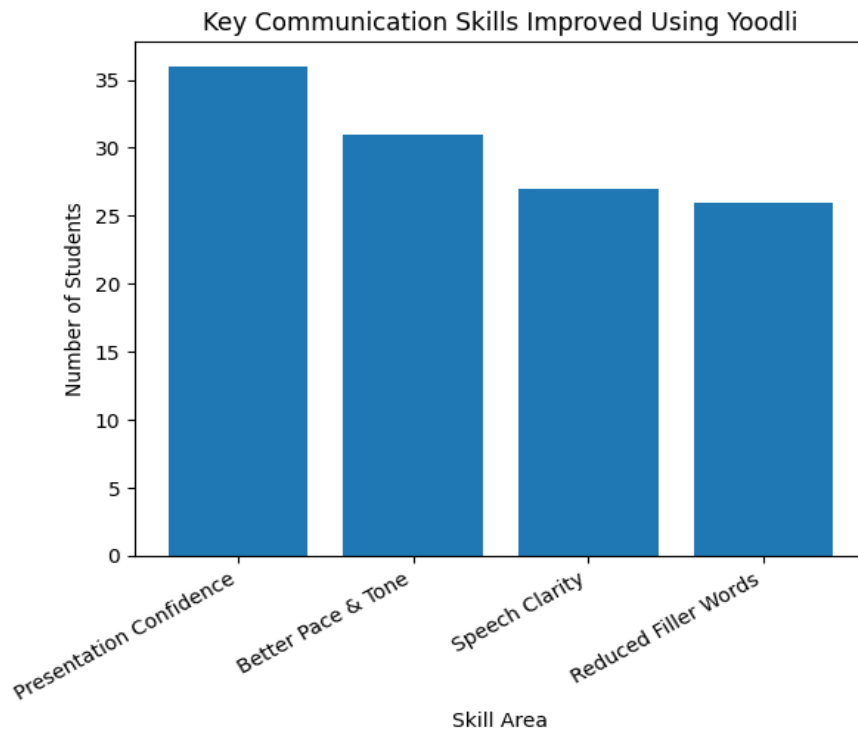
Figure 2 illustrates the improvement in communication confidence after using Yoodli.

Impact of Yoodli on Student Communication Confidence



The bar chart demonstrates that a large proportion of students reported high or moderate improvements in their confidence levels after practicing with AI speech coaching tools.

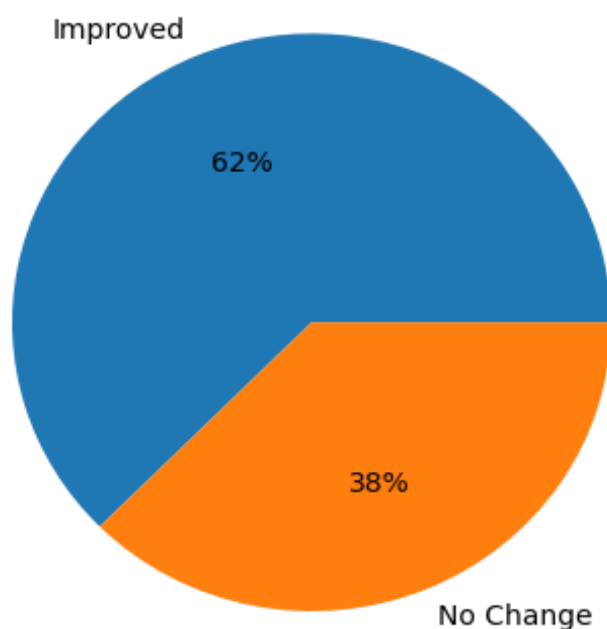
Figure 3 presents the key communication skills improved through AI speech coaching.



The results suggest that presentation confidence and speech clarity are among the most improved skills when students use AI-driven speech analysis platforms.

Figure 4 highlights the impact of Yoodli on interview readiness.

Impact of Yoodli on Interview Readiness



The majority of students indicated that practicing with AI communication tools improved their interview preparedness and professional communication ability.

Findings

- Students show strong awareness of AI communication tools.
- AI speech coaching improves communication confidence.
- Presentation confidence and speech clarity are major improvement areas.
- Students perceive AI tools as useful for interview preparation.

Conclusion

The findings indicate that AI-powered communication training platforms have strong potential to enhance communication skill development and employability readiness among higher education students. Educational institutions can integrate such technologies into soft skill development programs to better prepare students for professional careers.