

2023 年度 個人研究実績・成果報告書

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研究課題	Enhancing Hybrid Video Classroom Models: Investigating the Role of Microsoft Teams in Supporting University Students.				
研究キーワード	Hybrid learning, Microsoft Teams, faculty training, student engagement, audio clarity, camera angles, technical support, remote participation, , interactive teaching	当年度計画に対する達成度		3.概ね順調に研究が進展し、一定の成果を達成したが、一部に遅れ等が発生した	
関連するSDGs項目	4. 質の高い教育をみんなに	9. 産業と技術革新の基盤をつくろう	17. パートナリーシップで目標を達成しよう	10. 人や国の不平等をなくそう	

1. 研究成果の概要

This year’s study, conducted through a series of surveys and focus groups with a small sample of faculty and students, focused on the use of Microsoft Teams in hybrid video classrooms. These classrooms were equipped with basic audio from faculty computers. Feedback indicated that this setup often resulted in audio that was not optimal for student engagement, which was an initial concern identified by the study. Remote students faced additional challenges due to static camera angles that provided wide shots of the classroom or inadequately framed shots of the instructor, which could be improved to better support the learning experience. The study explored the initial reception and basic functionality of Microsoft Teams in these environments, highlighting significant areas for improvement.

Faculty members noted a need for enhanced technical support and targeted training to more effectively engage remote participants. These findings provide constructive feedback that highlights the benefits of enhancing audio and visual resources in classrooms. This enhancement will support more effective student engagement and participation in hybrid learning settings. Future efforts will focus on improving both the technical infrastructure and faculty readiness to better support hybrid learning environments.

2. 著書・論文・学会発表等

(できるだけご記入ください。査読の有無及び海外研究機関等の研究者との国際共著論文がある場合は必ず記載)

【論文（査読あり）】

None

【著書・論文（査読なし）】

【学会発表等】

3. 主な経費

Most of the research budget was spent on setting up and testing the audio and video equipment for hybrid classrooms. Remote PTZ video cameras, wireless audio devices and cables.

4. その他の特筆すべき事項（表彰、研究資金の受入状況等）

（本文は 2 ページ以内 にまとめること）