Causing Factors for Less Student-Teacher Interaction in Virtual Classrooms. & Video Conferencing in Distance Learning: A Review

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Abstract. As the Covid-19 epidemic forced people to stay in their homes, the field of education faced a major problem of conducting classes according to the same educational style. Although distance learning provided the first solution, it could not replace physical education methods. Synchronous distance learning is the most used and effective method, with video conferencing and virtual classes taking precedence. A survey was conducted to identify issues of effective interaction between students and lecturers with the participation of 243 individuals, including lecturers and students. Feedback reveals how lecturers and students experience Systems and how satisfied they are. Both parties have a positive feedback average on the use of such Systems. Various problems. arise because the active interaction between students and lecturers is very low. During online lectures, they could not see each other properly, and often they attend lectures without turning on the cameras and microphones. It mainly leads to a decrease in student-lecturer interaction between online lectures. The research is concluded by proposing to develop additional features in current online learning platforms.

Keywords: *Synchronous Distance Learning, Distance Learning Systems, Student-Lecturer Interaction, Video Conferencing, Virtual Classrooms.*