

Online Teaching Mathematics in the Time of Coronavirus Pandemic in Israel

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Abstract.

The higher education institutions in Israel decided to move traditional teaching to distance teaching due to the ongoing Coronavirus pandemic. The aim of the present study is, on one hand, to examine how online education has been carried out during pandemic and the difficulties and barriers they have. On the other hand, what were the student habits that either supported the online teaching methods, or made it difficult or partially impossible to study using internet sources. Teachers and learners were asked by request to volunteer in this project. Respondents were asked to include written observations on their online learning environment and education activities and on the issues they face. Numerous reviews were administered and directed by researcher in order to analyze the data for justification. Online learning has been introduced by educators using a number of activities running synchronously and using a variety of applications and networks, based on Colleges policy, ranging from management system, Moodle, run by the University to external facilities. Nonetheless, many problems have emerged from the students, the instructors, the college and the parents of the students, along with rational reasons. Consequently, online learning is not performing as expected because it lacks awareness, applicable policies, preparation and planning. Complexities are explored in online learning. To promote the facilitation of the online education process, future possible research is being driven and observed.

Keywords: Computer virtual pandemic learning, interactive E-learning, learning technology, online interactivity, Mathematics

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