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USE OF ICT FOR BETTER MATHEMATICS TEACHING DURING COVID-19 PANDEMIC: IT'S ADVANTAGES AND DISADVANTAGES

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Abstract:

COVID-19 Pandemic broke out all of a sudden in a place named Wuhan of China. The corona virus was spread all over the planet earth within a very short time. Consequently, the physical movement of people was restrained. People lose their jobs. Millions of livelihood was at risk. The daily bread earners could not come out their homes. They were thrashed and thrown into their homes. The wild life started to reclaim their lands and forest as the movement of the people was withdrawn from the public space. On the other hand, the pandemic came up with new avenues. It gave lesson how to sojourn with the corona virus continuing the pursuit of knowledge. It introduced new tools in ICT sector so that classes were conducted. Teachers took their class from home manipulating the different tools. Moreover, Black Board and Chalk were replaced by Google Meet. The Mathematics teachers who never thought of taking class without the use of chalk and Black Board were taking Mathematics class in Google Meet and in other sites. They employed new ICT based tools. Thus the old mode of teaching and learning format was changed. Mathematics teachers too adapt the new mode of online teaching. And thus the physical mode of teaching-learning format was shifted to distance teaching. The paper tries to recollect the ICT based tools which were applied in taking classes during lockdown. The paper revisits and discusses about the application of ICT tools which were applied in conducting Mathematics classes when work from home was necessary. The objective of the paper is to discuss about the different ICT tools which helped to conduct online class during corona pandemic. Precisely, the pandemic came up with crisis along with new solution in regard of disseminating knowledge. The aim of the paper is to discuss advantage and disadvantage of online teaching in the light of mathematics subject.

Keywords: Corona Pandemic, Online Mode Class, Mathematics, Advantage and Disadvantages

Introduction:

The psyche of human mind always considered Mathematics as a difficult subject. If tough subject is being taught online mode, it appears quite challenging. It's a believe that online courses are usually less successful than traditional teaching. But the teaching world was abruptly taken a shift from class room teaching to online teaching during COVID-19 Pandemic. Mathematics courses were also offered through online education during lockdown. Teachers sheltered upon ICT tools. They used different tools of Unified Communication to impart knowledge of their subject. The mathematics teachers took various tools to teach their students. The tools were voice mail, email, opening whatsapp group among students, video conferencing, google meet etc. But it appeared that online mode teaching has both advantages and disadvantages too. Classes were put on normal course. Students started coming to attend classes soon after celebrating New Year's Eve 2020. Teachers resumed their duties. But on 19th March, 2020 the Department of Health and