

Smart Education under Covid-19 Scenario

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Abstract

The planet has seen a pandemic situation since the first beginning of the year, and has stopped in almost all industries. Until then, despite government efforts, the situation has not been under control. The global pandemic has discouraged students from studying in colleges and schools, disrupted all development meetings and seminars and affected continuing studies. The education sector has suffered an immense loss and has prompted the authorities to find an alternative solution. Over recent months, the idea of intelligent online education has become more popular.

Virtual lectures started in schools and colleges shut down as a result of the pandemic. A proper time table was planned and the lectures were performed online to ensure that the teacher began lecturing from a lecture in the virtual way. It gained attention from many outlets and became one of the most famous applications or apps. The students' questions and concerns were either taped by the instructor or asked through the use of the activated microphone. To small children, the teacher started educating them by performing games, by keeping their picture on.

Laboratory behaviour proved to be a problem for the authorities at school or college where students had to practice by physically remaining. Many of the labs that taught the students about any programming or software only started without a lot of difficulty in mode because the students could execute the code on screen. The simulation program was used as a workaround, and a new laboratory group known as the virtual laboratory has gained significant popularity. Virtual laboratories or simulation software allowed students to locate several components they needed and to perform experiments to generate the results electronically. The added advantage of the careful supervision of the students in virtual laboratories is whether or not they completed this experiment.

A variety of tournaments, which had already been planned to run offline, also began online. Such games or tournaments required the time-bound participation of students, and the host then demanded student participation. The seminars or talk shows that were to be held in institutions, schools or colleges began via online mode and are known as "webinars." This goes on as in any seminar where the topics are first presented to the participants and then delivered by the main speaker. Participants will ask their questions via microphone or chat at the end of the webinar. E-certificate for participating in the Webinar is also applicable to all applicants.

Regardless of the pandemic, several researchers were influenced by all conferences. This provided the organizers as well as the participants with a tremendous amount of question, as their research paper was on standby. The organizers agreed to arrange an e-conference as a solution. A timetable for this event was set as was done with every meeting at which guests and participants were first invited. The e-conference was then presented by keynote speaker and the paper submission process began. By the conclusion of each discussion, the group asked concerns and offered suggestions for a limited period of time. The conference culminated with a recognition ceremony in which the specific awards were presented, as determined by the organizers. The participants have received a certificate for participating in the e-conference. In the face of classrooms, colleges and educational activities, the COVID-19 pandemic raised many obstacles. Having that in mind, they have all adjusted to the situation and have thus demonstrated versatility in their current structures.

Keywords: Smart classroom; virtual laboratories; webinar; e-certificate; e-conference.