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«Effective methods of increasing professional skills in distance learning»

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The emergence of digital technologies in distance learning has challenged all the learning institutions to alter their way of teaching and research structure using latest digital skills and applications. Moreover, for online learning there are now many digital tools or techniques or skills through which online learning can become quite easy and interesting, some of these tools include Digital earning software, virtual conferencing, ICT Strategic Planning & Prize etc. These utilities for teachers provide the option of keeping record of student’s performance and can also share it with their parents.

In distance learning main task or problem for teachers as well as for students is to comprehend their practical work and to sustain the lab activities. Hence, for science students who have practical subjects in their courses, teacher may arrange an online session by linking with other institutions to provide their students online lab access.
Solution methods

• Science labs are engaged with more than 300 universities to provide students online science access using digital curriculum and also hands on kits. For physics students there are also programs available through which students can learn their practical work online, practical zoo, Bobo explores light, gravity lab, electrons and vernier video physics. Teachers can use these programs or apps in their virtual meetings with students to make students understand the use of these applications.

• For teaching chemistry online including practical work, first of all teachers have to decide which experiments can be taught online to students and after deciding it teachers can provide short videos including all steps or procedure, references and data table and calculations and teachers can also arrange post lab questions related to experiments. Chemcollective, OnlinelabSci, PhET Interactive Stimulations and many such online labs are available for chemistry students.
Conclusions

Results, implementation

• Distance learning is a remarkable advancement appraisal to our age and has incorporated another degree of advanced education. It shows up more affordable than regular classes, and students are accessible to work over their versatile plan. Distance learning provides a bright future to our education with its positive probability. Even though practically all colleges and schools begin to zero in online education, a few people discover difficulty in distance learning for its requirement for course and concentrated assistance. Be that as it may, it very well may be an implausible blessing to convey achievement to the whole society with some appropriate turn of events. Likely the most broadly referred to the necessity for Professional Development is zero in on substance knowledge.
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