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Importance of e-Classroom in Teaching and Learning

In VMTW in Computer Science & Engineering we have E-Classroom facility.

The E-Class room consists of

1. Projector

2. Smart board

3. System

4. Public Address System

1. Teaching without chalk and blackboard made possible through technology that serves as fundamental structural changes as integral to achieving significant improvements in productivity. It used to support both teaching and learning, technology infuses classrooms with digital learning tools, such as computers and hand held devices.

2. Student engagement and motivation; and accelerates learning. Technology also has the power to transform teaching by ushering in a new model of connected teaching. This model links teachers to their students and to professional content, resources, and systems to help them improve their own instruction and personalize learning.

3. E-classroom as part of our educational technology eliminate the barrier to quickly access new information in the field of research and it bridging the gap between the rich and the poor and urban to remote areas to quest for quality learning.

4. This type learning creates an opportunities to teachers and pupils/students to use the educational resources and other technologies that can increase educational productivity by accelerating the rate of learning reducing costs associated with instructional materials and better utilizing teacher's time.

This can also be done a blended learning by incorporating both face-to-face and online learning opportunities known as distant learning program. The degree to which online learning takes place, and the way it is integrated into the curriculum, can vary across schools.

5. E-classroom has also the potential to improve educational productivity by accelerating the

rate of learning, taking advantage of learning time outside of school hours, reducing the cost of instructional materials, and utilizing teacher's time.

6. It also helps to develop the mindset of the students towards positive thinking and quest for more learning towards excellence.

7. These can be particularly useful in rural areas where online learning can help teachers and learners accessible to information and to overcome distance.

8. Digital resources like electronic grade books, digital portfolios, learning games, is a powerful tools to help teachers create more engaging and interactive teaching ways of learning on teacher and student performance, are a few ways that technology can be utilized to transform learning.