

TRANSFORMING EDUCATION WITH INFORMATION AND COMMUNICATION TECHNOLOGY. (ICT)

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INTRODUCTION:

Technology is a cornerstone of education transformation, providing educators with the tools to enhance teaching and learning and support student-centered learning environments. Effective eLearning environments combine mobile devices with high-quality education software, broadband Internet access, robust infrastructure, and secure cloud services to bring resources into the classroom and enable personalized learning experiences.

Discover the strategies and best practices for a successful, comprehensive ICT implementation that modernizes learning, teaching and assessment.



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Information and communication technology (ICT), gradually but surely, is transforming education and making teaching more than just a one-to-many session by improving commitment between the teacher and the students. Whiteboards and computers have replaced the conventional blackboards in many colleges and universities today.

In spite of the high cost, many experts agree that Information and communication technology (ICT) driven education is gaining status. It has even proven to be better at student engagement and retention when it comes to concepts, understanding, etc.

Information and communication technology (ICT) is transforming education in a manner that dynamically involves students by replacing a teacher-centred model with a student-centred one. The role Information and communication technology (ICT) is playing in making education a motivating business is notable.

Making learning interactive

The usage of ICT tool like a camera or the digital overhead in classrooms aids in visual learning. Teacher educator is able to effectively organize and present lessons enabling students to understand concepts better. Videos, tutorials and pictures help the student teacher for the long term

rather than just mugging up words from a text book like a parrot and reproducing it in the exam paper.

Furthermore, the underperforming students are likely to participate in lessons projected on their whiteboards by providing input, as Information and communication technology (ICT) based education makes it easier for group participation and discussions. Such interactive lessons can be coupled with the student response systems that make it instinctive for students to answer questions and take part in lessons.

Furthermore, the time spent in photo copying notes and circulation of study material is reduced. Students are able to produce more data through internet research where a many of information could be found that helps them multiply their knowledge.

The equipment has transformed classrooms; it has developed commitment and reduced student discipline.

The tools encourage both teacher educator and students to participate, thus making education an interesting and an interactive course. The equipment is surely rekindling the passion in most educators. The aim of the teacher to develop a student's knowledge is accomplished through such improved engagement where the gap between information and student is bridged by Information and communication technology (ICT).

Integration Information and communication technology (ICT) with learning

Innovative educators are finding out that they can't live without Information and communication technology (ICT). Many have started to incorporate several apps and tools as well. Colleges are installing wireless hotspots in order to make colleges wireless and give the power of information. Teacher educator and students are starting to bring their own devices, and we can see Tablets are popping up everywhere. We are in the 21st century; 21st century learning is student-centred and engaging. And teacher educator today are using different classroom technologies like smart boards, tablet computers, smart phones, projectors, digital videos, and games which are great tools for helping student teacher in the 21st century. 21st century teaching includes lessons with student response systems so that students who, in the past, weren't being heard—are now giving their input.

Teacher educator are using devices such as iPad and moving around the room, knowing that through smart TVs students can interact with their learning in a whole new way. Information and communication technology (ICT) is not just for traditional teaching it is to create a completely new environment.

ICT is great aid to learning

Information and communication technology (ICT) is a great aid to learning for students to not memorize the facts that they will remember all through their life, but know how to find information, how to validate it, how to synthesize it, how to power it, how to communicate it, how to

collaborate with it, and how problem solve with it. Post 2015, Information and communication technology (ICT) is a tool which can be used to fundamentally transform what a classroom is. Integration of Information and communication technology (ICT) with learning as a tool provides you with a scope to explore what you can do with knowledge, what you can make of it and what you will allow your students to make of it.

Some ways in which Information and communication technology (ICT) can transform education are as follows:

- Go beyond PowerPoint presentations: Videos, Social Networking, Interviews and Documentaries also can be used.
- Do not be afraid to learn from your students. They are the richest source of Information and communication technology (ICT) knowledge: This will encourage students not only to use Information and communication technology (ICT) but to learn more about the subject.
- Start experimenting with new tools: Teacher educator should regularly use and experiment with lots of tools for various projects like Skype, Edmodo and all the Google Apps for Education (YouTube, Picasa, Docs, Drive, Sites, Maps etc.) and Aurasma. These help students to not only learn limited syllabus from a prescribed text book, but learn about concepts from a 360 degree view.
- Information and communication technology (ICT) can never replace a strong lesson plan and a great teacher: Ensure that the Information and communication technology (ICT) you use supports a strong plan and content is related to what you teach.
- Find creative and customized ways to use Information and communication technology (ICT)

Conclusion-

Information and Communication Technology has drastically changed the scenario of education. Whiteboards have certainly replaced the blackboards. Students have exhibited better understanding post using Information Technology. The equipment has transformed classrooms; it has developed commitment and reduced student discipline. It helps students remember and understand subjects better than the conventional techniques. Hence, Information and communication technology has resulted in betterment in education and Understanding.

Reference:

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