

AN EFFECTIVE INNOVATION TECHNOLOGY IN ENHANCING TEACHING AND LEARNING OF KNOWLEDGE USING ICT METHODS

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Abstract: In the increasing of technology into teaching is one of the vital significance challenges for education today. All department academicians will agree that the contemporary world is going through the modern education trends. Every person is engaged in various kinds of computer related activities and using various multimedia content on internet either by various techniques. Moreover the modern education using ICT generated by various services such as offline/online teaching - forum in teacher to student interactions, assignments, debate, audio and video seminar and etc is also increasing the volume of ict to the larger extent. However the ICT challenges but it can also be utilized as the opportunities by the computer techniques. Challenge in terms of difficulties in identifying the evidences from the technical problems behind in the features. This paper focuses on the use of technology in teaching-learning audio and video seminar process that will greatly contribute to the student needs for learning anywhere, anytime. It is time to move beyond the walls of classrooms to join forces with other institutions and societies to revitalize education trends. The Integration of Information and Communication Technologies (ICT) into teaching and learning process is a growing field which has variety of definitions according to different points of view.

Keywords: *Modern Education, Technological trends, Information and Communication Technologies, ICT integration, Enhancing learning, Virtual Learning Environment, Educational improvement.*

I. INTRODUCTION

This paper explored interacts and management attitude effect on integration of Information Communication Technology (ICT) in classroom environment. The study was prompted by various topics in computer science on attitude and integration of ICT's in teaching and learning process by higher level of learning. The role of modern technology in teaching and learning is rapidly becoming one of the most important factors in education system. the ICT education system as they raised lots of questions like why to use, for whom to use, what to use, where to use ,when to use and various predetermined queries. i will rectified for all the queries in this paper.

Most various department experts in the field of education agreed that, when properly used, information and communication technology contains to improve modern teaching and effective learning in addition to qualities of shaping teaching and learning workforce for the opportunities. More teachers and students were comfortable however, with using computers as modern techniques. In ICT methods focused a new and strong desire to Universities, Colleges, and Schools with computer facilities and to produce with effective technologically and efficient students in developed countries of the modern world.

II. EDUCATIONAL METHODS TRANSFORM TO ICT TECHNIQUES

In the framework, contains the aim of using ICT in education; that is, to improve and transform educational practices by infusing ICT into college level management systems. Hardware and infrastructure is explored the construction of hardware and infrastructure facilities is intended to provide learners, teachers and institutions with adequate computers, network connections, related digital equipments like LCD projectors, and cameras, etc. and supporting facilities to allow the widening community to benefit from ICT. All these facilities should be able to run smoothly and update based on a regular time cycle. Software and services: This circle is responsible for providing learners, teachers, student's seminar and

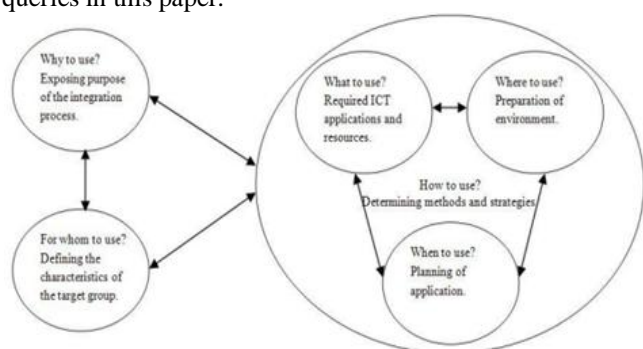


Figure1: Unified ICT to Teaching Learning Process

educational institutions with educationally valuable software tools, content resources, Mobile Apps and related services. Educational software encloses learning technical management systems, course content in various subject management systems, multimedia and Web-based courseware, learning resources, subject related information material, suitable diagram snapshots, real time examples and computer assisted testing systems, suitable effective software such as modeling and real environments, educational gateways, educational management systems and other application software. Human-ware: the factors that constrain the effective integration of ICT in education are supposed to subject's experts and students. The aims of the human-ware circle are to create a professional that makes effective use of ICT and understand the technical issues. All teaching professionals and administrators should have chances of professional development to formulate proper understandings of an adequate competency with the educational uses of ICT.

enormous enhancement. Instead of ICT technologies treating these components separately and educational trends have started treating them integrally.

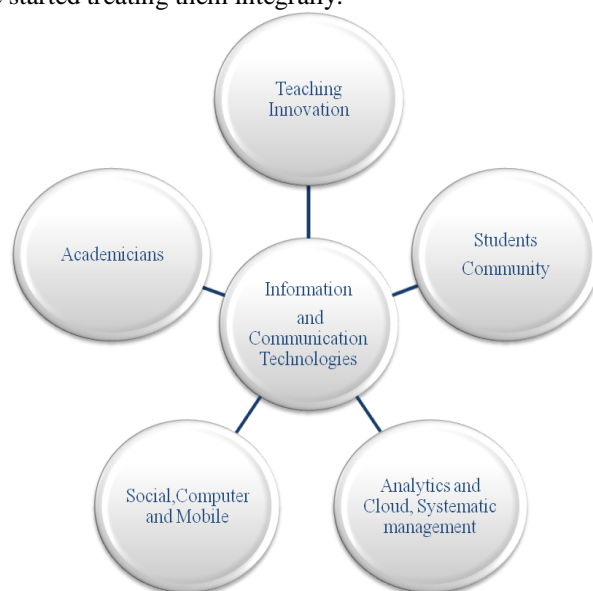


Figure3: Relationship of ICT with SCMAC

This is the new educational integrated with ICT components collaborate to make new trends of teaching learning techniques. It is very help to other zones and interacting in various ways of integration of social, Computer/mobile, analytics and cloud used to increase the educational institution uses with via internet technologies. The term modern teaching is self explanatory indicating that it is technology driven. it is the application of information, communication, technology and networking for services based on teaching polices to provide facilities.

SCMAC technologies are going to help in providing exchange of ideas and develop collaboration between Faculties and students.

Trends in ICT	Relationship with task completion
Social	To performing task with professional experts and students
Computer/Mobile	To get task completion of various Computing tools and Apps
Analytics	The meaning of task, detail description with effective tools using multimedia and audio and video techniques
Cloud	Presentation Scenarios in various places anytime, anywhere...

Table 1: Complementary and Integrated trends in ICT of ACMAC in doing task

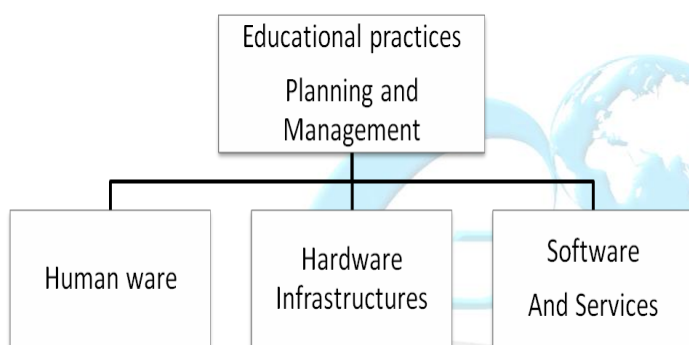


Figure 2:: A Framework for Using ICT to Transform Education

This educational provision of sustainable computer related services at training and ongoing grade or job-based performance support. Systematic planning and management: Using ICT to transform education entails the students and faculties of systematic planning and management to involve and coordinate related educational institutional sectors, plan, monitor, and regulate the processes, and guarantee the smooth, cost-effective and efficiency, and sustainable development of ICT in education. This encompasses the planning and managements at the national, regional, and institutional levels.

III. ICT TECHNOLOGIES IN ROLE OF SCMAC

In today's computers are really good at interacting huge amounts of information and its data almost instantly as well as creating simulations, animations and multimedia. The level for using computers in the classroom should be to start using tools for these "higher level use of ICT" shown in the chart above in the classroom. Social ,Computer or Mobility,Analytics and Cloud abbreviated SCMAC are separate platforms with technologies that evolved and

IV. ICT RECOMMENDATION SYSTEM WITH INTEGRATION REPORT

Integration of Information and Communication Technologies (ICT) into teaching and learning process is a growing field which has variety of definitions according to point of view. Based on the premise that “The integration process should strengthen learning of students”, there was a need to present an integrated point of view in the application of these processes and to develop some concrete examples for teachers. When the literature is overviewed, it seems that the integration of ICT is not a simple application; it is necessitated to contribute to the learning process of the students with the audio and video seminar methods. The technological point of view, ICT education method as implemented in my university-SCSVMV, Enathur, Tamilnadu, India as well as i directly tested my department subjects, which supports the integration of technological infrastructures and systems into the educational environment and which supports the integration of ICT materials and programs in terms of subjective constructivist learning principles. Using ICT techniques video seminar snapshots are given..

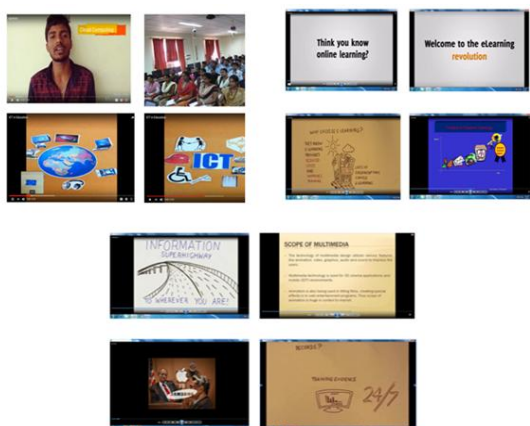


Figure4: ICT implementation for SCSVMV University@Dept.ofCSE

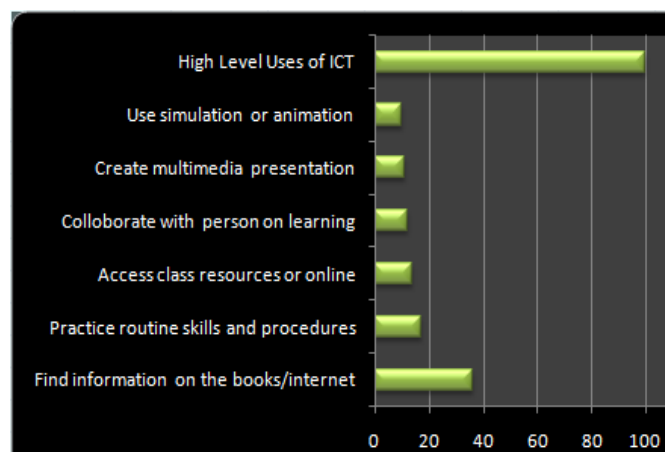


Figure5: ICT Integration Report

This result brought about concrete sample applications support provided for teachers except in-service training and technical support. Based on the premise that “The integration process should strengthen learning of students”, there is a need to present an integrated point of view in the application of these processes and to develop some concrete examples for teachers. That is why it is stated that the effective use of ICT in lessons depends on the awareness of teachers of the potential of ICT in teaching and learning processes; of appropriate selection of materials for their students; of effective contemplation of their lessons and; of carrying out class management rules while overcoming the difficulties encountered during lessons in which technology supported learning environment.

V.CONCLUSION

In order to conclude, this work will try to proceed to synthesize from a general viewpoint the results obtained, taking into consideration the relevant aspects of the subjects. The results provided by ICT integrated report analysis of the subjective obtained will be exposed especially regarding those aspects which are related to ICTs for modern education. ICTs for mainly focused modern education refers to the development of information and communications technology utilized for teaching/learning purposes, while the ICTs in education involves the adoption of computing techniques and its components of information and communication technologies in the modern teaching learning process. The adoption of SCSVMV University and use of ICTs in education have a positive impact on teaching, learning, and research in various fields. ICT can affect the quality delivery of education and enable wider access to the same. In addition, it will increase usability, portability and flexibility so that learners can access the education without barriers. It can influence the way students are taught and how they learn. It would provide the rich environment and motivation for teaching learning process which seems to impact process on learning in education various new possibilities for learners and teachers. These possibilities can have an impact on student performance and achievement at the SCSVMV University.

VI.REFERENCES

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