

# Role of ICT on Enhancing Quality of Education

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**Abstract:-** Quality education depends on the development of information technology in several provision such as enlarging the motivation of learner, enrichment of basic skills and increasing teacher training in technology. Information communication technology serving as curriculum/subject transformation tool, It used properly to create a environment with learner centered. Information and communication technologies are used by the teachers to instruct the students to know and access the new pedagogy. Information and Communication Technologies (ICTs) is increasingly becoming indispensable part of the education system. It has changed many aspects of the lives. Those changes have leads to educational institutions, administrators, teachers to rethink their roles, teaching and vision for the future. ICT has witnessed newest challenges for quality education among learners. In the past twenty five years, the use of ICT has fundamentally changed the practices and procedures of nearly all forms of endeavor within the all forms of educational institutions for providing quality education. ICT has become commonplace entities in all aspects of life. Especially ICT have a greater place in the field of Education in the forthcoming years. Therefore, it is adoptable for every situation in the classroom environment to creating the motivation among the learners. In considering the above merits the present article represents importance of ICT reserve the major place in improving the educational system such as increasing motivation among the learners, obtaining attention among the learner and creating in depth understanding in their subject. In considering the above importance ICT merged as a important part in the field of education at present and near features.

**Keywords:-** ICT, Emerging learning Technology (ELT); Educational practices; Vital role; Building Society; Quality Education.

## I. INTRODUCTION

Quality education depends on the development of information technology in several provision such as enlarging the motivation of learner, enrichment of basic skills and increasing teacher training in technology. Information communication technology serving as curriculum/subject transformation tool, It used properly to create a environment with learner centered. Information and communication technologies are used by the teachers to instruct the students to know and access the new pedagogy[2]. Information and Communication Technologies (ICTs) is increasingly becoming indispensable part of the education system. It has changed many aspects of

the lives. Those changes have leads to educational institutions, administrators, teachers to rethink their roles, teaching and vision for the future. ICT has witnessed newest challenges for quality education [3] among learners.

Education has vital role in building the society. It is one of the most important needs for the well being of individual and the society. There are many ways to increase the learner's knowledge, and technology is the most effective way[4]. ICT is an acronym that stands for Information Communication Technologies, that includes all technologies for the manipulation and communication of information[11].

ICT helps the learners with different dimension such as creating interest and tuning the motivation in the particular subject. At the same time ICT helps the teachers to update their teaching competency in ICT based instructional strategies. It will create a live environment between the students and teachers while interacting the subject concerned in the school environment. while learning their subject ICT helps facilitate the transaction between producers and users by keeping the students updated and enhancing teachers capacity and ability fostering a live contact between the teacher and the student through e-mail, chalk session, e-learning, web-based learning including internet, intranet, extranet, CD-ROM, TV audio-videotape Emerging learning Technology (ELT) of bogging, Integrated Learning Modules, a pod cast, Wilds, Enhancement of Browsers, e-learning, M-learning, U-learning have started making rapid strides in teaching learning processes [13]. The education plays a major role to strengthening the society. The slandered of society is determined by the quality education. The empowering the nation is depends on implementation of diversified resources in technology. Even in lot of effective teaching – learning strategies are practices now. Information communication technology more effective rather than other approaches increasing the learner's knowledge[9].

## II. ICT VS QUALITY EDUCATION

At present improvement of quality education and training under a critical issue, especially in the time of expansion of education. Quality education depends on the development of information technology in several provision such as enlarging the motivation of learner, enrichment of basic skills increasing teacher training in technology. Information communication technology serving as curriculum/subject transformation tool, It used properly to create a environment with learner centered.

Information communication technology instruments such as multimedia based soft ware and sound, colorful moving images to enhance motivation among students in learning process [6]; really it is the challenging task of the today teacher. The teacher who felt that visual combination of subject /curriculum makes the students in interesting their subject while learning subject in technology class room. The capacity of technology each varies according to how it is emerged in the teaching learning process. Haddad and Draxler identify at least five levels of technology use in education: a) Presentation b) Demonstration c) Drill & Practice d) Interaction e) Collaboration.

### III. ICT AND IT IS INFLUENCE FOR QUALITY EDUCATION

Information communication technologies are influencing all aspects of life, in which the impacts of ICT is significant is education. ICTs help expand access to education, motivate to learn, facilitates the acquisition of basic skills, and can transform the learning environment thus help improving the quality of education. ICT has tremendous potential for education. ICT enables a teacher to reach out widely efficiently and effectively. It helps teachers and institutions to be more modern and dynamic[5]. Eventually, the use of ICT will enhance the learning experiences of students. It also helps for building a successful career, in a technology savvy world. The function of ICT in education is inevitable. Quick changes in the modern technologies, which shows that role of ICT in future education.

- The current educational practices deserves the development of ICT based education in different subject which is developing the attention among the learners and create the interest in the particular subject in their learning environment.
- ICT also focuses modification of the role of teachers. Teacher who can serve as a facilitator for the students who learning their subject through information communication technology and addition that the class teacher who will act as a guide for directing the students who use the electronic media in their curriculum transaction.
- Ultimately, the use of ICT will enhance the learning experiences of students [6]. Also it helps them to think independently and communicate creatively. It also helps students for building successful careers and lives, in an increasingly technological world.

### IV. ADVANTAGES OF ICT IN EDUCATIONAL PROCESS

- Fast Communication Factor the modern technologies illuminate all geographical boundaries, so students can join various projects all around the world. The modern technology provides possible opportunities to the learners to study the different subject n the school curriculum. and also it provides realistic environment in

their real classroom situation. Students who can exchange their ideas with in their co learners through ICT.

- The role of teacher motivating the young learners to draw the attention towards their subject through multimedia based technology. Educational process requires technological tools to improve their understanding and motivation in the particular subject.
- The ICT plays one among the major factor to change the cooperative learning among the students community to understand the subject matter with easiest concept and low time conceiving. It makes students who can understand easier in their learning subject at school environment. Teacher who can create the congenial atmosphere to learn the students various subject at school environment.
- New Skills Factor A student can acquire any kind of skill with the use of technology, for example, by simply watching self-education videos on YouTube, you can acquire many new skills. They can also learn new languages using modern technologies without having any teacher around them.

### V. ICT CHANGE THE VIEW OF TEACHING AND LEARNING

EDUSAT is used to share the available expertise through modular programs. It has done by networking institutions, creation of virtual laboratories, creation of database, access to expert lectures and technological development in organizations. In the field of education ICT is inevitable one at present context. Therefore every teacher should know the reality of ICT and it is importance in the field of education and teaching learning process. The real teaching environment is required to obtaining the students attention through various information and communication technology devices are available in their institution itself..ICT in education change the view of learning from teacher centered to student centered learning system and the teacher are the facilitators, coaches and mentors were ICT Support the learning environment to student [9]. At this juncture, some of the supporting environments are Tele Education system, virtual Learning campus (VLC), Virtual libraries and digital learning, Distance learning and wireless connectivity.

### VI. ENSURING QUALITY EDUCATION THROUGH ICT

Largely based on teacher opinion, of the potential of ICT to enhance educational quality; they also identified teachers with concerns about it leading to waste of student time and the encouragement of superficial work. This range of opinion reinforces that the educational impact of ICT depends largely on the use to which it is put. Where ICT is used to facilitate a student centered approach, it is likely that this will

promote inter alia the development of analytical and information handling skills [6]. While they are important life skills, they may not be reflected in curriculum and assessment system, student centered learning will tend to flourish on more fertile ground when there is harmony with such assessment systems.

## VII. ICT AND QUALITY TEACHING

ICT is an extended term for Information technology which is a technological source to make information available at the right time, right place in the right form to the right user. Earlier, one had to wait for the newspapers to get the information across the world. Now with the smarter technology, information can be accessed from anywhere using smart phones and gadgets. Technology at present occupies a crucial role for developing the teaching learning process at school environment. Going an extra mile, Information and communication technology in schools has had a major impact [9].

## VIII. CONCLUSION

In the past twenty five years, the use of ICT has fundamentally changed the practices and procedures of nearly all forms of endeavor within the all forms of educational institutions for providing quality education. Especially ICT have a greater place in the field of Education in the forthcoming years. Therefore, it is adoptable for every situation in the classroom environment to creating the motivation among the learners. In considering the above merits the present article represents importance of ICT reserve the major place in improving the educational system such as increasing motivation among the learners, obtaining attention among the learner and creating in depth understanding in their subject. In considering the above importance ICT merged as a important part in the field of education at present and near features.

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