ICT – The Respiration and the inspiration of the cyber society

B. Mohana Priya Muthukumaran and S. Padma Ragam

Department of English, Vinayaka Missions University, Paiyanoor Campus,Tamilnadu

Corresponding author: monabasker@gmail.com

Abstract

Present age is called as the Cyber Age where the information Generation, acquisition and dissemination are as quick as the speed of light and is accessible to all without any geographical, cultural, economical and social boundaries. This paper deals with how the vast knowledge explosion has made the world shrink into a global village due to the advancement in science and technology which enhances social change of which ICT plays a vital role in the field of education which is a major instrument of social change.

Keywords:

Social Change

According to Jones "Social change is a term used to describe variation in movement of social progress, social interaction or social organization". Social change is a continuous process. The social structure is subject to constant change, growing, decaying, finding renewal, accommodating itself to very variant conditions and suffering to vast modifications in the course of the change in the respect of the society affects the other aspect. There are three types of social change.

- ◆ Civilisation Change
- ◆ Cultural Change
- ◆ Change in Social Relationship

Information and communication technology is a combination of software, media and delivery systems. It6 is in need of the hour in all the fields for the development of human resource and in-turn in the nation.

The Role of ICT in Enhancing Social Change

To meet the growing population and the growing demand of the society it is necessary to utilize the potential of ICY in pedagogy. The synergy of information technology and com-

munication technology has opened up new visits for social and economic development. The society of the present day faces the quick and breath taking rate of social changer, the centres of eduction should be alert in order to keep abreast of significant changes that are taking place in the society. Therefore there is a need for adopting a dynamic policy in the field of education.

Transformation of Society Leads to new forms of Support and Proffesional Training

An important understanding must be made about the purpose of information technology in Teacher and Technical Education and teaching. Most of the current ICT applications are used to facilitate the teacher oriented arrangements of the learning process. In this 21st century, several new, more powerful technologies are just beginning to make their way into the class rooms.

- The teacher is no longer a disseminator of knowledge, but an organizer and manager of the learning process with effective technology and always become a co-learner.
- The real prospect of online teaching lies in its capacity to create and provide "Simulated Environments", environments to which the students would not otherwise have access. There created situations become the contact in which the students apply the knowledge and skills to solve problems, get learning experiences and help in broadening their understandings, knowledge, critical thinking and creative skills.
- Socialization and cohesion of school will be strengthened by incorporating relevant technology into professional practice. This helps the students in shaping the values and attitudinal changes by exposing them to communities and people with whom they otherwise would never come in contact.
- Computer, internet, e-mail, video-conferencing, tutorial, influences the quality of learning, pattern of communication and interaction between students in a classroom and to other countries in analysing and understanding the world around them, this enhances the learning culture i.e., wide exposure to different language and culture.

  - Several shifts in teaching methodology has taken place:
  - Whole class to small group instructions.
  - From lecture to visual.
  - From competitiveness to co-operation.
  - From student learning same to different things.
  - Innovative instructions team teaching, interdisciplinary project based instruction and individually paced instructions.
  - Experimenting and changing to active, creative and collaborative learning.

- ICT helps to break down the school wall, enhancing the "real life quality" of school learning, encouraging the involvement of the home environment, the community and surrounding culture and even other cultures in the learning process, and helping to decrease the isolated position of the school and isolation of the classroom within the school.

The knowledge based society transforms society in many ways

The role of ICT in the learning process is strongly related to the pedagogical vision and educational goals

of the school. Integrating ICT in the learning process not only a matter of the infusion of new materials but it reflects all aspects of the learning process.

1. Eradication of illiteracy at great level (distance mode and literacy)

   - Identification of gifted individuals in the society.
   - Special coaching to different- abled pupils.
   - Individualized learning.
   - Computer education provided from K.G level which makes a child to develop skilfully.
   - Provision of laptops in many colleges and in school abroad facilitates easy learning and lessens the burden of carrying heavy loads of books.
   - Utilizing of all human resources fruitfully according to their abilities and providing self-confidence to lead their livelihood.
   - The educationally backward areas are now very close to the educationally advanced areas.
   - Opening of new schools and colleges, universities and privatization of industries have led to lot of job opportunities, which empower women to step in all fields.

2. Revolutionary change in the ideas, beliefs and values:

   - **Life styles of the people:** Food habits, dressing, use of modern equipment at an early level, leisure time spent, living accommodation, marriage system, playing games have seen vast changes due to the impact of ICT.
   - **ICT as an eye opener:** Awareness about the physical environment, about the day to day happenings in and around the world, health, investments etc., The students can get guidance and counselling in various fields from experts within and outside.

3. Impact of science and technology development of the nation and the individual, thus increasing the standard of living.

   - Latest medicines are available and surgery are performed which controls the death rate.
   - A lot of communication satellites have been launched which helps in communication, media, transactions, billing, investments, transportation booking, and viewing events simultaneously etc., In search of overseas hobs, brain-drain increases but multi-culture and global citizenship are enhanced.
   - Government and corporations have gained vast amount of political power through military-mite and economic influence.
   - Corporations have created a farm of global culture based on worldwide commercial market.

4. A social interaction has tremendous influence on education of the people "cultural give and take" has emerged.

   - ICT has become a powerful media in networking people.
   - Expression of ideas and emotions openly and frankly.
   - Maintaining the relationship in spite of busy schedule.
   - Tolerance to all Languages, religions, castes, cultures and ceremonies which help in cultural diffusion and thus enhance eradication of social evils to some extent.

- ◆ Concern for the fellow human has increased people extend their love by sharing their belongings at the time of calamities even other parts of the world.

5. Though there are lots of advantages of ICT in social change there are few disadvantages too.

- ◆ Younger generation spend lot of time before computer, student machine relationship is increased.
- ◆ A lot of crimes are planned using technology.
- ◆ The prospect of students having open access to unrestricted materials is a matter of great to many parents, educators and community members.
- ◆ Many schools and families do not have the means to judge the effectiveness of software.
- ◆ Students at school do not have the opportunities to benefit from ICTs motivating possibilities for the acquisition of knowledge, basic skills and attitudes; this can cause a new area of iniquity.
- ◆ Health hazards leafing to stress may affect the human resources in future.
- ◆ Loss of join family system.
- ◆ To become a responsible member of a society, it is wise to move rapidly forward and create a new equilibrium, based on the process of modernization.

Suggestions

In order to modernize society attempt must be made on the foundation of the past, reflecting the present and vision of the future society. Knowledge and power of the people get expanded, it is therefore, necessary to strengthen and deepen the sense of social responsibility and power of appreciation of the spiritual and moral values. It should not be followed at the cost of human values. Children themselves should learn to maintain balance between spiritual and material values of life while modernizing.

So it is the best to end with the sayings of SWAMI VIVEKANANADA,

"LET US PERFECT THE MEANS;
THE END WILL TAKE CAER OF ITSELF."

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