

## Boon or bane of computer education at adolescent Age

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Students in Under Graduation level with adolescent age have many opportunities to acquire good career and at the same time there are many chances also to failures in one's life. Obviously, it is either in the hands of teacher or student to hone one's life as a boon or bane. True education gives or promotes or encourages noble thoughts, motives, objective thinking and strength of will to implement one's decisions. In that motto, the study is conducted to present facts and reasons of impact of Information Technology on the Under Graduation students. It is inevitable for male or female student to be confronted with problematic situations or crises or language barriers in acquiring knowledge of IT.

Information Technology includes two important terms which are leading the world in various aspects. Speed is a distinguishing feature of modern life. Technology which gives the information differently with relevance of current atmosphere only survives eternal.

- Information means Knowledge that one acquires about something or someone, facts or details of a subject. In teaching details about a topic in the subject is called information.

Information is an uncountable noun.

- Ex: Exams will commence on 6<sup>th</sup> May. For further *information* you can contact in the office

Go to the library and get more *information* about the topic.

Do you know the *information* about the train timings.

Technology refers to the techniques as also the technical contrivances. A systematic way of applying the techniques to achieve an objective is as important as the use of technical equipment for the same. Techniques are reckoned as the software and the equipment as hardware of technology. Technology results in new designs and devices as also new ideas and processes.

Information Technology (IT) has been the cornerstone of recent financial sector reforms aimed at increasing the speed and reliability of financial operations

Speed is a distinguishing feature of modern life. Children fly the nest faster. Youngsters decide on a career faster. Employees leave companies faster. People buy homes faster. Some call it a day faster. Processes in companies expire faster. Technologies lose relevance faster. Technology goes faster and faster.

Computer is fast becoming an essential part of human life and its influence is rising very rapidly. Its versatility has contributed to its wide spread use in almost all walks of life. The spread of computer education and the availability of hardware and software at affordable prices have contributed to its becoming popular even in the so-called 'third world countries'. Computer has already been extensively deployed in business firms, large and small, and it is gradually making its way into homes including lower middle class ones. Riding on this wave, business firms and governments are building up information technology infrastructure for electronic commerce and e-governance. This trend is likely to intensify in the future.

The present age is one of e-living with real-time electronic communications, electronic commerce digital cash, artificial intelligence, global networks and mobile communications. The computer is the pivot for all these high-tech applications. The personal computer has been evolving over the past few decades and has surpassed many a shortcoming to bring great processing capability to people. Rapid advances taking place in computing technology are making the machine, smaller, more powerful and less expensive with the passage of time. The ubiquitous personal computer is central to the global information network and the 'Net' has started influencing deeply every walk of human life. Knowledge of computing has become essential for any activity as information technology gets widely applied. With blue tooth on mobiles we are on the threshold of another digital wireless revolution.

**“To my mind, education is the spirit of enquiry, the ability to keep one’s mind and heart open to beauty and goodness, indeed all that surrounds us, to be able to think and judge for oneself . Education should inculcate a life long habit of learning. And today, this is all the more necessary because the corpus of knowledge is increasing at a tremendous pace, often making what one has learnt obsolete”** so says by **Indira Gandhi, former Prime Minister in a convocation address.** Exactly, its true. Education must give knowledge of progress but not depress of the generation.

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Computer is one of the marvelous inventions of the recent times. It has grown beyond its original purpose of computing. Today, it is used in all walks of human life. Its applications range simple data entry to complex global electronic commerce, online training to technology development. Ever since its invention, the power of computer has been growing rapidly. Strangely enough, the cost of hardware has been declining by year. A large number of application software packages are now available that make computers highly productive, versatile and easy to use. Some of the most popular areas of computer today include telecommunications, transportation, education and training, entertainment, publishing, military police, engineering, production, healthcare and electronic commerce. The use of computer is spreading to more virgin areas of human activities to make life more comfortable and

Computer can capture, store, retrieve and process data. The data may be numbers, characters, audio, video, images etc. Basically, computer can recognise only two states - whether a signal is present or not. These two states are represented using binary digits 1 and 0. All forms of data are finally converted into binary digits for the computer to recognise and process. Instructions

are also converted into binary digits. Digital computer has the capability to manipulate series of binary digits according to the instructions (software) given to it.

Mastery in IT is enjoyable and gets good career in like...

- Skills that span different aspects of life
- Improved Employment prospects.
- Becomes a fountain of knowledge for a life time learning.
- Greater self sufficiency

#### Challenges:

- At the age of UG level, the students' negligence at understanding about their career is a major problem.
- The Hindrance of communication access is also a problem of development of IT
- Although, the technology is developing rapidly the students of the UG are still are unable to use the software technology utmost utilization.
- Computer language is also barriers to the UG students
- Unknowing the rights of usage
- Internet misuse and unethical usage of information technology.

#### Opportunities:

- Tiny embedded computers control our life into modernisation, lead us to globalisation. Information Technology is only the educational weapon to lead the world and one can get into a good position. In the United States, more than half of all homes now have at least one personal Computer having connected to internet. IT skills are essential for improvement of employment opportunities and prospects. Students can plan a career in automotive field, journalism, archaeology, nursing, BPO etc. Knowledge of IT will be useful in many places other than their work.
- Students having the knowledge of the IT can get employment at their needs and interests. Graduation with Management Information systems can get the following opportunities like ... Scientific programmers. These programmers can act as the programme designers and program users as Aerospace Engineering meteorology , Oceanography, astronomy etc.-

➤ **Operating system programmers:**

Operating system controllers control and facilitate the use and care off usage of computers like DOS, Windows or Unix are only control by the programmers.

➤ **Business programmers:**

Now a day every business has a need of information technology or computers. And every computer needs programmes. These are strong demand for programmers who combine the knowledge of programming with the knowledge of business operators.

➤ **Entertainment programmers**

Games, You Tube software

➤ **Web programmers**

World Wide Web has created a whole new programming field. Naturally the existence of the web has created a demand for HTML and Java programmers. However, the web also fuels a demand for programmers who can develop tools that allow the web to provide the multimedia content. Graduates have this type of opportunities has to be.

Conclusion: Any knowledge can be utilized at our attitude or behavior or skills or necessity etc. We can create opportunities out of clay or create clay out of opportunities. It is in our hands. Youth must remember the optimum utilization and positive utilization of internet or information technology.