ROLE OF COMPUTERS IN MODERN SCENARIO-AN EMPIRICAL STUDY

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ABSTRACT

Computers are now a fact of life. Computers have shaped a very effective information system to help modernize the management of an organization. This makes it a much needed tool for every business, banking, government, entertainment, daily life, industry, education, and administration. It can be stated of all large organizations, whether the department government or private, use a computer for a variety of their daily business and it is the fastest growing industries in the world today. Each organization usually has one or more large computer systems and a number of microcomputer. The system is a great computer for data processing tasks, while many small microcomputer to use as word processing. Computers have become part of our lives is essential. In general, the use of computers can be divided into several groups. It is known that the rapid growth of computer usage time. In all areas have been using computers to launch a business.

INTRODUCTION

The computer utilization plays vital role in all aspects of our life. It minimizes the necessity of manual forces in all sectors. We experienced considerable development in this regard. Even the young children are using the computers at a maximum level. Nowadays the some educated farmers use the computers in their day to day life. The children from weaker sections are also started using computers in their schooling at primary level. There is no secondary argument in this regard. But due to various reasons many youngsters are not ready to use the computers in their day to day life. Many educated people also have the hesitation or the fear to use the computers. The government takes many initiatives to inculcate computer knowledge to the students at their early education. In all government schools the computer laboratory is established by the government. The governments started to issue laptop to all the students after completing their higher secondary education with view to the usage of computer by all the students with considering the economic situation of the family. The purpose of the government is product and constructive. No one can deny the fact. But the problem in using the computer and the purpose of the computer by majority of the students is questionable. It is miserable to say that many students sell the free laptop supplied by the government immediately within one week from the date on which they received from the school. Many students keep the laptop in their house and kept without using it by the students. Whereas, few students use the computer and laptop only for downloading the songs and films only. If we go deeply some of the students use the computers and laptop for playing games only such as rummy and other free games available with inbuilt app in the laptop or in the monitor of the desktop computers. Only very few students use the laptop and the computer for the productive purposes. It leads to get away from the use of computer by most of the students in their college level education. Most of the younger are attracted by the Medias. So, most of the students prefer to watch cultural events in the computer or laptop available with them. Social media web sites are also the problems which hurdles the growth of the students in their knowledge level. They give more attention and concentration on the entertainment channels rather than the news channel which further decrease the interest of the students in their study as well as in the development of the knowledge as a whole. There is special motive in blaming anybody in this regard but we have to accept the reality prevailing among the younger and the laptop users.. We are all seeing the younger attitudes in the family as well as in the outside. Their attitude towards awareness and the effort to get knowledge from

computer is going on deteriorating nowadays. It is not a healthy practice for the country like India. Because in future only the computers, laptop and android phones play good roles in the development of individual and the society as a whole. Hence it is the need of the hour to brief about the role of computers and laptop in the new era where we are facing heavy competition in all aspects of our life. Through this article the researcher is going to bring about the roles and importance of computers in our day to day life and also to create awareness about the using computer in a productive way which will enhance the skill and the knowledge of the younger particularly the student community. In this regard the authors try to eradicate the hesitation by the younger regarding the use of software and hardware in the computer. They must come forward to use the computers and laptop in their day to day life which will bring them updated with knowledge and help them to get better placement and settle their life peacefully with good prosperity throughout their life.

Role of Computer in Business
The use of computers among maximum practiced in the field of business. In fact, small businesses also use the computer as there are now very cheap microcomputers. Business organizations now have a number of facts and a lot of numbers to be processed. So many businesses have started using the computer, for example to calculate the salary, to identify the goods sold and are still in stock, to issue and send or receive business statements, letters, invoices and more.
The use of computers and office equipment to assist other managers, clerks, and the management of office automation mentioned. One of them is a word processing type of electronic method that enables us to produce and edit letters, reports, documents, and other than work in a few seconds to type manually. Many of the office to produce standard letters, such as payment of the balance, invitations and more. In addition, local business organizations to use computers to create, save, and send envoys to a particular place. The advantages of using computers in this area, clearly it is very important in a business organization.

Role of Computers in Banking and Financial
Processing data involving savings accounts, fixed deposits, loans, investments, profitability analysis, and so on are among the organizations operating budget. The measures used are standard and recurrent. And with that, the financial institution is the first user is aware of the importance of computers to save time. Use of financial institutions including electronic fund transfer activities for example a bank has a terminal in each branch in the country and also in supermarkets, petrol stations, schools, factories, homes, hotels, and so on.
The company will move employees' salary into the account by entering employee identification numbers then pay the money transferred into the account supermarkets, hotels, or gas station when making a purchase. Money transfer facility is referred to the electronic transfer of money is very effective use is safe and quick method for financial transactions. With the facility, known as ETC is also individual can issue, transfer, and include cash or checks to the current balance at any time. Clearly the main purpose of the use of computers in financial institutions can assist in arranging the affairs of clients and provide services better and more efficient, reduce fraud in financial transactions also eliminate cash transactions involving the community with the goal to create a cashless society.

Role of Computers in Industries
Industry is a lot of benefit from the use of computers and the development of a human machine that 'robot'. Industrial production, for example requires a lot of computers to process data collected from employees, customers, sales, product information, production schedules, and so on. Yes said the computer used to control the production process.

Especially the production of information processing inventory control to keep the latest information about the remaining inventory of raw materials and finished goods used to determine the value of inventory and stock status. This computer can alert the staff involved if he should order the raw materials and when to deliver the goods completed to the customer. Similarly, to store information about the structure of an item, but the material requirement planning processes also use computers to facilitate the work. Appear in the computer industry is very broad and also affect the development of industry in a country.

Role of Computers in Education

Now in this era of science and technology become more advanced, the computer may take over the role of books in the store and disseminate knowledge to the public. In other words, the computer will change the way we learn and the way we store knowledge. Hal-related matters such as student registration, class scheduling, processing of examination results, students 'and teachers' personal storage can be implemented by a computer with a fast and effective in helping the administration. Now exams results were processed by computer. The IPT also the duties of office automation, processing, scientific research results and also use the computer. In fact, cataloging books in libraries also apply to computer use. Last but not least is used for teaching and learning process is not only at institutions of higher learning in the schools, both for teaching and studying computer-assisted education on computer is very emphasized that in the field of education for helping in the administrative process, research is what is important is the ease and help students and teachers in the teaching and learning.

Role of Computers in the Medical Field

Hospitals and clinics use computers to store patient records, scheduling doctors, nurses and other personnel, inventory and purchase of medicines, medical research and medical diagnosis. Applications of computer-based equipment or use of information technology has help doctors to diagnose diseases. It is clear that the use of computers in the medical field to provide solutions to complex problems. Among the new computer technology that provides assistance to those who are disabled. Microprocessor-based voice systems assist people with disabilities speaking with a terminal that directs the computer to perform a verbal task. Similarly, the development of computers has helped the blind to see, the deaf to communicate, whether with the help of speech synthesizer or using the keyboard. This can be help them become more active and can do what they could not do before. Besides works of traditional data processing, such as issuing bills of patients, medical statistics and scheduling of staff and others have also streamlined and processed by computer.

Hospital Information System that is used can be stored in a centralized patient database. In fact, the use of information technology the computer is programmed to culture and analyze bacteria, viruses, and other infections agents to automatically detect and identify a disease thus enabling the hospitals and laboratories to begin treatment. For example, Computer Help Demography machine (Computer Aided Demography, CAT) used for the purpose. Similarly, computers are used for a patient oversee psychological variables such as blood pressure, body temperature, ECG (Electro-Cardiograph) and sounded a warning if something unusual happens. For this purpose the computer to read different variables and make comparison with standard values. If there is something extraordinary happens the computer will draw the attention of doctors and nurses to issue a warning. Clearly, it was found that the computer has a wide range of accommodation in the medical field.

Role of Computers in Legal

Computers have been used in the legislative process in recent years. The use of the most important is the preparation of documents using a word processor. The use of computer accounting

legislation also includes processing to produce weekly and monthly reports, keep records of payments consulting, diary for the latest attorney information consumers about the various court procedures and also to keep records of users. As this area is very complicated, it is the need to retrieve the required information either on journal of law, an important case, scale, and statistics or important decisions for the purpose of making the decision to retain legal data bank. Thus the use of one computer will help lawyers and trainee lawyers and law students find relevant data without wasting time and get better service.

Role of Computers in Government

Government sector is one of the largest users of computer usage practices in implementing administrative matters. All the necessary data can be obtained in a short time such as information about people, services, economic planning, and land development projects and for planning and decision making. Through long-term weather forecasting computer can now be done. With tie loss of life can be because of better information and faster. The success of Neil Am strong on July 23, 1969 landing on the moon is also made possible with the help of computers used to design spacecraft, space for clothes astronauts, and flight schedules. This shows the very important use of computers in the field of space transportation. Service tax and income tax collection was simplified by using the computer. Keeping records of taxpayers who do it manually, and bring many problems have been addressed with the use of computer and services can make the task more efficiently and quickly.

Similarly, in the military, use of computer store inventory held until the war simulation on the screen. Computers are also used to follow the movement of the enemy in the border areas. Traffic flow can be managed effectively by detecting the direction of traffic using the many tools of detection. In this way, if there are more vehicles from one direction, the computer will let the green light goes on for a suitable period of time. Similarly, business owners and vehicle registration can be performed with the use of computers. Many of the all administrative affairs are managed by using the computer. This not only saves time but can do all things more practical.

Role of Computers in Entertainment

Now the computer can be programmed to play music. Places of entertainment with music controlled by computer are cheaper and can be used at any time. Computers are also used to arrange the order of dance and music. Each game requires movement. Movement can best be obtained by detailed analysis of a physical system. Computers also can be programmed to depict images of high quality. Drawing using the computer speeds up the process of creating. The work of art can be done and made a review in a short time compared with traditional stories. Cartoon films produced by computers have grown so widely.

Role of Computers at Daily Life

Microcomputer use also home to control the safety and control of air conditioning and lighting. The use of computers in the home allows housewife get the latest information about fashion and can make orders to use supermarket with and video. In addition to budget planning and inventory at home. This is all to do with a microcomputer that is connected to the national data bank. Children can use computers to learn school subjects or educational games. But it is clear that computers have become machines of information in our society.

To conclude, the rapid development of science and technology has changed the pattern of life now. Everything, processing, gathering information, or any aspects of the various areas that were previously done manually, which gives a lot of risk has to be made more effective, faster, and more practical with the application or use of information technology or computer. Covering the use in various fields including business, financial institutions, industry, education, administration and other fields have

the desire to realize develop each country. The fact is, computers have become the heart and backbone of society today. Whatever the field, computing has a lot of people taken over the task. It will not only help in the calculations, store information, detect a decision also to increase efficiency and productivity. But they said it is now clear that the use of computers has been widely practiced and used. In line with globalization and the border-less world, the computer is a machine in the information society is also the main artery of all machinery administration in any field.

SUGGESTION

Financial investments are required to develop and maintain computers at all workplaces, especially in rural areas, which comprises 68% of the total population For implementing all of the abovementioned technologies, availability of trained manpower is essential. Technical constraints, including connectivity, bandwidth provision, and reliability, also need to be taken care of along with availability of health professionals for correct diagnosis and treatment.

Cost consideration and affordability need to be taken into account for the development and implementation of national plan for e-health along with its integration into the health system. People residing in rural and remote areas need to be made aware of the existence of such e-services in their areas; their ethical and social issues also need to be addressed.

CONCLUSION

Nowadays, computers are available at much cheaper and affordable prices. Their use has increased efficiency and reduced human errors. Apart from providing regular updated information and streamlining medical education and health care, computers do play an indispensable role in administration and management via regular and timely updates and through availability of its world wide web. Better health surveillance systems would help decision makers to detect and control emerging and endemic health problems.

On one hand, where computers have replaced millions of employees, their excessive usage threatens the security and confidentiality of records. The immense capabilities of computers can suddenly stop and leave their users helpless until they find technical support to fix problems like spywares/viruses/Trojans, etc. From a public health point of view, computers not only endanger the health of people with fatigue, stress, body aches, and carpal – tunnel syndromes but also pollute the environment by releasing harmful levels of lead and mercury during their manufacturing and disposal procedures. Another disadvantage is the enormous cost of the computers, their software, and the maintenance required.

Since it is all about technology and proper knowledge is required for operating them, many Indians still do not prefer using it. Also, many doctors are not fully convinced and familiar with e-medicine. There is a lack of confidence in patients about the outcome of e-medicine. Even after making such a financial investment, providing access to space, and deploying geostationary satellites, computers cannot replace humans and their psychomotor skills.

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