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**COMPUTER SCIENCE, TECHNOLOGY
AND ITS ENHANCEMENT IN THE WORLD**

Computer Science and technology have been benchmarks and pivots for innovations, substantive ideas and suggestions that are paramount to the advancements of livelihood and making life easier. Our daily lives have the involvement of computers. With the aid of Computer Science, there have been progressive developments in our world today, i.e., Computer Science and Technology are needed tools for every business, bank, government, entertainment, daily life, industry, education, administration, etc. With the advancement of Computer Science and Technology, one can use online maps to get to a destination that they've never been to before, use phones to make communications, inventions and updates of health care facilities have been substantial and beneficiary, navigation system for aircraft, created an easy learning environment with electronic books and so on. Each organization usually has one or more large computer system(s) and a number of microcomputers. The large Computer systems are great computers for data processing tasks, while many small micro-computers are used as word processors.

Moreover, Computer Science gave rise to technology and its components and the use of technology in our society is irresistible and undeniable because without technology life is almost meaningless. Technology basically refers to bringing together tools that ease creation, use

and exchange of information, and has a major goal of making tasks easier to execute as well as solving many mankind's problems [1]. It has been used for lives saving situations in hospital and it makes easier for doctors to diagnose deficiency with the help of technological instruments. Nowadays, there is medical equipment that is capable of diagnosing a lot of deficiency in relatively short period of time. Based on that, doctor's jobs had turned to be much simpler and easier with more work done in less time compare to the previous age. Before the evolvement of technology that yielded the innovation and invention of cell phones, communication was extremely arduous. Nevertheless, now it's quite easy with a phone call. During the Pre-historic times, inhabitants used their shadows in correspondence with the sun in order to determine time that we assumed was not fully accurate, but with the advent of Computer Science and technology digital and analogue watches are used to determine time and date. They are in our phones, PCs and cars.

Subsequently, every branch of Computer Science and technological equipment has an immense role in modernizing the world and its inhabitants. Computer Science can be divided into several groups. They've diverse categories like Graphics Design, Artificial Intelligence, Cyber Security, Database, Mobile and Web Computing, Bioinformatics, Software Engineering and so on, each of which has its own impact and relevance on evolving the world around us. Database is a collection of related data and data is a collection of facts and figures that can be processed to produce information [2]. With the presence of database, it's easy to retain information or record data about person, place or thing. Database is widely used as a powerful tool almost in every business, entity, government, etc. It's extremely difficult or almost impossible to retain so much information in our head about daily activities and other things we encounter every day. That's why, database was created to make life easier. Cyber-Security is the state of being protected against the criminal or unauthorized use of electronic data, or the measures taken to achieve this [3]. There are a lot of internet threats and private information that goes on frequently on the internet. People's credit or debit cards are being hacked on a daily basis as well as social media accounts and emails, but Cyber-Security is the resolution for those mentioned technological and internet threats. Without the existence of Cyber-Security there will be tremendous increase in crimes

and chaos. Almost every bank globally has a Cyber-Security protection team because without that being setup banks are vulnerable to losing billions of dollars. Software engineering is the study and practice of engineering to build, design, develop, maintain, and retire software.

In addition, Software engineering is important because specific software is needed in almost every industry, in every business, and for every function. It becomes more important as time goes on, if something breaks within your application portfolio, a quick, efficient, and effective fix needs to happen as soon as possible. Software Engineer creates software that we use every day, such as Microsoft Office, E-mail, Games, or anything that involves the use of computer systems or mobile system software [4]. Specific software is created uniquely for a particular entity like bank, business, company, security and so on. *Graphic design* is the process of visual communication and problem-solving through the use of typography, photography and illustration [5].

Moreover, *Graphic designers* create and combine symbols, images and text to form visual representations of ideas and messages. Graphics design is represented almost everywhere, i. e., our phone screen, computer screen, camera, website and many others. Graphic design is important in almost every field that includes marketing, magazine layout, etc. A good graphic design should effectively send the message of the sender to the target audience using tools of visual communication. It can be used to create a lot of things that are essential to our daily lives, for example, logos, posters, advertisements materials, business cards, brochures, books designs, magazine layout, newspaper layout, product packaging, billboards, greeting cards, etc. Artificial Intelligence is the theory and development of computer systems ability to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation from language into language [6]. The Artificial Intelligent systems are efficient enough to reduce human efforts in various areas. In order to perform various activities in the industry, many of them are using artificial intelligence to create machine slaves that perform various activities on a regular basis. A single robot is capable of doing a job required to be successfully completed by more than 40 humans in the shortest possible period of time. The artificial intelligence applications help to get the work done faster and with accurate results. Error free and efficient worlds are the

main motives behind artificial intelligence. In the recent years, many sectors have started using Artificial Intelligence technology to reduce human efforts, and also to get efficient and faster results.

Conclusions. Computer Science and technology are inseparable, intertwined and it's extremely difficult to discuss one without the inclusion of the other like saying ice and ignoring the presence of water. Both of them have served prominently in fostering Development both infrastructurally and mentally. Imagine how boring and sickening the world will be without technology. Most people's lives are fully dependent on internet and gadgets. The relevance of the mentioned key components is unarguable and undeniable.

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