Computer technology has made several important impacts on our society. Today computer is playing very important role in every field of life. Many activities in daily life can be performed very easily and quickly. A lot of time is saved and overall cost is reduced to solve a particular problem. Many fields where computer are widely used:

* Business
* Finance
* Engineering and design
* Entertainment
* Scientific Research
* Medicine
* Education

1. **Business**

In today's business climate, competitors may be as close as the next website or email message. One way to gain a competitive advantage is to learn how computers can help your business. You may know about email, accounting and word processing programs, but other software exists that can increase productivity, attract new customers, reduce costs and save you time.

* Computers Facilitate Communication
* Data Mining Benefits
* Customer Relationship Management
* Order Fulfillment
* Design and Graphics
* Marketing and Advertising
* Using Computers to Manage People
* Computer Administration

Email services, such as Yahoo and specialized services, like HushMail help businesses send and receive electronic correspondence.

Businesses often acquire and store massive amounts of information in relational databases, spreadsheets, XML files and other repositories.

Stand-alone software exists that can help business owners find, service and retain customers. Modern CRM applications integrate many of these functions into a single, unified system.

Fulfilling orders can be a time-consuming task, because it may require the assistance of people in accounting, the warehouse, inventory control and shipping departments.

You don't need to hire a professional graphic artist to create professional looking graphics for your business.

There are several ways for businesses to advertise and market their services. Many business owners use computers to tap into the power of social media sites, such as Facebook and Twitter.

Human Resources software can help businesses do everything from find potential employees to discipline them when problems occur.

Regardless of the size of your business, it's important to keep your computers secure.

**Computer in Finance**

* Communication
* Spreadsheet Software
* Data Storage
* Programmed Transactions
* Financial Information

Computers enhance financial communication within members of an organization through a network system connecting various departments. With the use of computers, key financial decision makers are able to send financial reports and strategies instead of holding meetings.

Spreadsheet software influences the way large- and medium-sized firms, as well as individuals, key in and organize financial data.

Computerization makes data storage manageable and less bulky.

Computerized financial software conducts programmed business and accounting transactions.

Computers have enhanced access to wide financial information through Internet access.

**Computers in Engineering**

* CAD
* CFD
* File Sending
* Alterations

Product engineers apply science, math and original thought to develop new products or new product solutions. . Using computers and specialty computer software, engineers can design, test and make changes to products in minimal time.

CAD, or computer-aided design, is the process of designing new products using computer software.

Typically, when engineers are developing things such as airplanes and automobiles, they'll put the product through wind tunnel testing to make sure that drag is minimized.

Engineers create one-off models of their parts to test for form, fit and function. Engineers can upload their CAD files to websites and select what materials and technologies they want used to create their parts.

Before computers, when design changes needed to be made, engineers had to open up the blueprint, and in some cases, redo the entire thing.

**Computers in Entertainment**

Computers started as very simplistic machines for storing and transferring data. Most of these files were text-based reports used in a work environment.

* Music
* Television and Movies
* Art
* Games

Computers now have almost unlimited access to any song by any artist.

With the advancement of video card and Internet speeds, movies and streaming television are now at the click of a mouse button.

Art is something that is readily available online at any moment. Pictures, paintings, poetry and more are just a click away.

Computer games are a quickly growing market just like all other forms of video games.

**Computers in Scientific Research**

Computers have changed the ways in which scientific research is compiled and analyzed. Scientists, engineers and researchers alike are able to compile vast amounts of data and leave it to the computer to work through the data while focusing on another area of the research project. This creates research results with fewer errors and better-engineered products.

* Complex Data Analysis
* Solving Mathematical Equations
* Prediction Modeling

Computers used in scientific research have the ability to analyze data in ways and at speeds not possible with the human eye.

Scientific research often requires that complex mathematical equations be solved in order to determine if data is valid or if a certain structure of molecules will remain stable.

Scientists and researchers are able to use computer programs to model how data might manifest itself in the future.

**Computers in medical**

The use of computer technology has greatly enhanced the medical field. This is particularly so in hospital environments where reliability and quality are critical factors. Many computer applications, such as patient information systems, monitoring and control systems and diagnostic systems, have been used to enhance healthcare.

Computers are the excellent means for storage of patient-related data. Hospitals employ computer systems to maintain patient records.

Computer software is used for diagnosis of diseases. It can be used for the examination of internal organs of the body. Advanced computer-based systems are used to examine organs of the body. 

The different types of monitoring equipment in hospitals are often based on computer programming.

**Computers in education**

Computer technology has had a deep impact on the education sector. Thanks to computers, imparting education has become easier and much more interesting than before.

* Audio-visual aids in teaching
* Better presentation of information
* Access to the Internet
* Quick communication between students, teachers and parents

Computer technology has made the dream of distance learning, a reality. Education is no longer limited to classrooms. It has reached far and wide, thanks to computers.

Presentation software like PowerPoint and animation software like Flash among others can be of great help to teachers while delivering lectures.

Computers enable storage of data in the electronic format, thereby saving paper. Memory capacities of computer storage devices are in gigabytes. This enables them to store huge chunks of data.