Practical:- 5

Green Computing

Green computing is the environmentally responsible and eco-friendly use of computers and their resources. In broader terms, it is also defined as the study of designing, engineering, manufacturing, using and disposing of computing devices in a way that reduces their environmental impact. Green Computing, also known as Green Technology or Green IT, has quickly emerged as the most effective means of utilising technology. For example; Participating in Electronic Recycling Programs, Purchasing from Environmentally Committed Companies, and Limiting Printing and Recycling Paper.

Steps that can be used to contribute to green computing:

1. Purchase energy-saving hardware purchasing energy-saving power supply units can save money, help the environment and they are often quieter. By using more powerful computer applications, your IT systems can better deal with inefficiencies. Besides, faster software spares the servers from regularly operating at maximum capacity, thereby consuming lesser power. If one can only increase the speed of the computer applications that is used, one can have a corresponding positive effect on the energy use and carbon emissions.

2. Power down computers while not using many of us leave our computers running even when we are not using them, this leads to waste of energy. if you do not want o switch them off completely use sleep mode or hibernate, this will help save the power and keep it to its current state to use it when needed.

3. Use a laptop instead of desktop. Laptops are environmentally friendly because they have components that do not require a lot of power. Use a laptop as much as you can. Don't just throw broken technology in the bin, take the time to trace local recycling organization. There should be companies that can remove the metals which may fix or furnish items. You should check with your local authorities to find out what facilities they offer for safe disposal of old computing parts.

4. Use power-saving features these features in a computer can command the computer to do various energy-saving tasks automatically, therefore saving a lot of power. A given time, or even placing the computer into sleep mode when not in use. This is very useful on laptops to help preserve battery life.

5. Recycle responsibly you should check with your authority to see which companies can safely dispose of old computer parts, this because computers have hazardous particles which affect the environment.