

# Practical-5      Green Computing

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Green computing is environmentally responsible and eco-friendly use of Computers. It is also defined by being the using and disposing of computing Devices in a way that reduces their environmental contact. With today's Powerful systems, not to mention the myriads of peripheral devices, the Home office is an area of the house where energy is wasted and lost. In the Following ways you can contribute to green computing at home:

- 1) Power down when not in use Seems simple but many of us leave computers powered Up for a long time when not in use a A large sum of power is being wasted, so if you're Not using the computer press the power button to shut it off until needed. This can be Done even if the computer is working on something. Screensavers do not save power. The same goes for computers, you don't have to shut it down completely if you don't Want to reboot, just use sleep or hibernation mode. This will help save energy and Keep the system in its current state when you need it again.
- 2) Purchase energy-saving hardware If you don't need super-fast computing power then Look out for energy-efficient components when buying a new computer, such as green Hard drives and low-energy processors. While performance is slower and they can use Remarkably less power. Purchasing an energy-saving power supply unit for a . can help the environment and save money, they're often quieter too.
- 3) Use the power-saving features All computers include power-saving options. Using These features you can command the computer to do various energy-saving tasks. Automatically, including shutting off unused hard disks, powering off a monitor after 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.
- 4) Use a laptop instead of desktop Laptops are much better for the environment than Desktop computers as they have components that require less power. If you don't need a desktop computer to consider buying a laptop instead, or if you have both, use the laptop as much as possible before considering the desktop.
- 5) Recycle responsibly Computer hardware is filled with different materials which can be Hazardous to the environment so make sure you dispose of old components Effectively. Don't just throw broken technology in the bin, take the time to trace local Recycling organizations. 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.