

**Practical no:-5****Using practical examples, describe green computing. List and explain the steps that you take to contribute to green computing****Green computing:-**

Green computing is the eco-friendly and environmentally responsible use of computers and their resources.

**By using Practical examples Explain Green Computing:**

- Participating in Electronic Recycling Programs
  - Purchasing from Environmentally Committed Companies
  - Limiting Printing and Recycling Paper
1. **Participating in Electronic Recycling Programs:**  
GreenPC Electronic Recycling is a certified member of the State of Washington's E-Cycle Washington Program, which has strict requirements regarding disposal of electronic waste as outlined in state code. The state also maintains a list of approved e-waste collectors.
  2. **Purchasing from Environmentally Committed Companies:**  
Responsible handling of electronic equipment is critical in order to minimize the university's impact on the environment. TS purchases campus computers from Dell and Apple. Both companies are known for adhering to sustainable, environmentally responsible practices and standards which apply for the life of their computers, from design, production, and packaging to recycling after the machine's useful life has ended.
  3. **Limiting Printing and Recycling Paper:**  
The ultimate goal of PrintGreen is to provide better information on the environmental impact of their printing and to promote the sustainable use of resources. See more about PrintGreen.  
  
Canvas – a course management system where faculty can share electronic documents with students.  
  
G Suite for Education – a community space for document sharing and collaboration with unlimited storage via Google Drive.  
  
Recycling bins are placed prominently in all computing labs, Print & Copy Services.

**Steps that can be used to contribute to green computing**

- Purchase energy-saving hardware purchasing energy-saving power supply units can save money, help the environment and they are often quieter.
- 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 to 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.
- Use a laptop instead of a 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.
- 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.
- 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.