

## PRATICAL 5

Q1) Explain Green computing with its advantages.

**Green Computing:** Green Computing is the environmentally responsible and eco-friendly use of the computers and their resources.

In broader terms, it is also defining as the study of designing, manufacturing, using and disposing of computer devices in a way that reduces their environment impact.

### **ADVANTAGES OF GREEN COMPUTING:**

- 1) Sustainable computing means reduced energy consumption that leads to reduced GHG emissions and fossil fuel usage
- 2) Green computing is cost effective due to less energy usage and cooling requirements
- 3) Green IT uses non-toxic components which do not pose any health hazard to end users.
- 4) Sustainable computing inspires people to reduce, reuse, and recycle
- 5) Green IT implementations' helps in improving public image of an individual or an organization

### **Steps to contribute green computing:**

- 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 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.
- 2) Use the power saving features All computers include power saving options. Using theses features you can command the computer to do various energy-saving tasks automatically, including shutting off unseared disks, powering off a monitor after a given time or even placing the computer into sleep mode when not in use.
- 3) Use a laptop instead of desktop Laptops are much better for the environment than desktop computers as they have components which require less power.
- 4) Recycle responsibly Computer hardware is filled with different material 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