

## Operating System Definition:

Master Control program (Like DOS, Linux, Windows etc.) automatically runs first when a computer is switched on, and remains in the background.

Computer system is a most complicated system where there are several hardware devices are working together, operating system helps these devices to co-ordinate and work like a single unit. Operating system also hides the complexity of hardware from user and makes it transparent to be used easily.



## FUNCTIONS OF OPERATING SYSTEM:

It takes care of following services and functions:

- 1) User interface
- 2) Carrying out commands of the user and the application programs.
- 3) Supervising installation and running of the other programs & HW.
- 4) Controlling the I/O functions.
- 5) Allocation of system resources such as memory and processor time.
- 6) Handling of files
- 7) File sharing and networking functions.

