



SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

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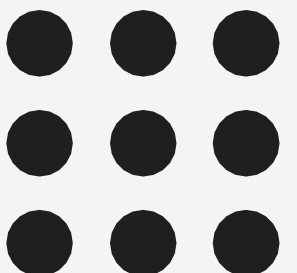
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Course Code and Name : 23ITB203 / Principles of Operating Systems

II YEAR / IV SEMESTER

Unit 1: User Operating System Interface



User Operating System Interface

There are two fundamental approaches to users to interface with the operating system:

1. Provide a command a **command line interface (CLI) or Command Interpreter** that allows users to directly enter commands that are to be performed by the operating system.
1. Allows the user to interface with operating system via a **Graphical User Interface or GUI**

Command Interpreter

- Some other systems include the command interpreter in the kernel.
- Others, such as Windows XP and Unix, treat the command interpreter as special program.
- On Systems with multiple command interpreters to choose from, the interpreters are known as shells.
- E.g.,
 - Bourne shell
 - C shell
 - Bourne-Again Shell (BASH)
 - Korn Shell, etc..