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School of
**Engineering &
Technology**

Department of Computer Engineering

Class: - T.Y.

A.Y. : - 2025-2026

Semester: - Vth

Subject: - SPOS

Assignment 4

- Q.1 What is Operating System? List and explain in short different types of Operating Systems.
- Q.2 What is process? What is process management? Draw and explain process state diagram.
- Q.3 Describe the types of process schedulers with neat and clean diagram.
- Q.4 List and explain the types of CPU scheduling algorithms.
- Q.5 What is Deadlock? What are the Methods for Handling Deadlock in an Operating System?