



SARASWATI Education Society's
SARASWATI Institute of Technology

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Kharghar, Navi Mumbai - 410 210.

Computer Engineering Department

Name of Programme: - CO

Name of Course: - OPERATING SYSTEM (SEM-V)

Course Outcome. – Install operating system and configure it

Assignment –I

Q 1.Differentiate between Batch OS and Time shared OS. 4.M

Q 2. Explain dual mode of operation of OS. 4M

Q. 3 Compare between Windows and Linux OS. 4M

Q .4 Explain Views of operating system. 4M

Q.5 List types of OS and Explain Real Time operating system. 4M

Q.6 Explain Process management. 4M

Q.7 Explain media layer of IOS.

Name of course coordinator: - Mrs. Smita Bari



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Course Outcome. –Use operating system tool to perform various functions.

Assignment –II

Q 1. Explain any four services provided by OS. 4.M

Q 2. What is purpose of system call? State any two system calls with their functions. 4M

Q. 3 Enlist the operating system tools. Explain any two in detail. 4M

Q .4 Describe any two components of O.S. 4M

Q.5 Write any four system call related to file management. 4M

Q.6 Write two uses of following O.S. tools – (i) Device Management (ii) Performance monitor (iii) Task Scheduler. 4M

Last Date of submission is 3/9/2023

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Course Outcome. – . Execute process commands for performing process management operations.

Assignment –III

Q 1. Draw process state diagram. Write syntax for sleep and kill commands. 4.M

Q 2. Explain multithreading model in details. 4M

Q. 3 With neat diagram explain Inter process communication model. 4M

Q .4 Explain PS command with any four option. 4M

Q.5 Explain PCB with diagram. 4M

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