



Aggarwal College Ballabgarh

LESSON PLAN

17 WEEKS (JAN-APRIL)-2025

NAME OF ASSISTANT/ASSOCIATE PROFESSOR: Ms. Rakhi

DEPT. – COMPUTER SCIENCE

CLASS: BSC. CS

SEMESTER: VI

SECTION: A

SUBJECT: OPERATING SYSTEM

Week		
1	7-1-2025	
	8-1-2025	Introductory Concepts: Operating system functions and characteristics
	9-1-2025	historical evolution of operating systems
	10-1-2025	
	11-1-2025	
	12-1-2025	S. U. N. D. A. Y.
2	13-1-2025	Types of Operating System: Real time, Multiprogramming with advantages and disadvantages.
	14-1-2025	
	15-1-2025	Multiprocessing OS, Batch processing OS with its advantages and disadvantages
	16-1-2025	Methodologies for implementation of O/S services
	17-1-2025	
	18-1-2025	
	19-1-2025	S. U. N. D. A. Y.
3	20-1-2025	system calls, system programs, Assignment
	21-1-2025	

	22-1-2025	Seminar, Assignment
	23-1-2025	Doubts discussion in topic of unit 1
	24-1-2025	
	25-1-2025	
	26-1-2025	REPUBLIC DAY /S. U. N. D. A. Y.
4	27-1-2025	Test of unit 1
	28-1-2025	
	29-1-2025	Process management: Process concepts, operations on processes
	30-1-2025	Process states and Process Control Block
	31-1-2025	
	1-2-2025	
	2-2-2025	S. U. N. D. A. Y/BASANT PANCHAMI
5	3-2-2025	CPU Scheduling: Scheduling criteria, Levels of Scheduling
	4-2-2025	
	5-2-2025	Scheduling algorithms
	6-2-2025	Multiple processor scheduling
	7-2-2025	
	8-2-2025	
	9-2-2025	S. U. N. D. A. Y
6	10-2-2025	Deadlocks: Deadlock characterization,
	11-2-2025	
	12-2-2025	Deadlock prevention and avoidance.
	13-2-2025	Deadlock prevention and avoidance.
	14-2-2025	

	15-2-2025	
	16-2-2025	S. U. N. D. A. Y.
7	17-2-2025	Discussion on Doubts in unit 2
	18-2-2025	GURU RAVIDAS JAYANTI
	19-2-2025	Presentation , Assignment
	20-2-2025	Test of unit 2
	21-2-2025	
	22-2-2025	
	23-2-2025	S. U. N. D. A. Y.
8	24-2-2025	Concurrent Processes, Critical section problem
	25-2-2025	
	26-2-2025	Critical section problem, Semaphores
	27-2-2025	Classical process co-ordination problems and their solutions
	28-2-2025	
	1-3-2025	
	2-3-2025	S. U. N. D. A. Y.
9	3-3-2025	Inter-process Communications.
	4-3-2025	
	5-3-2025	Storage Management : memory management of single-user and multi-user operating system
	6-3-2025	partitioning, swapping
	7-3-2025	
	8-3-2025	
	9-3-2025	S. U. N. D. A. Y.

10	10-3-2025	paging and segmentation, Thrashing.
	11-3-2025	
	12-3-2025	Discussion on doubts in unit 3
	13-3-2025	Assignment
	14-3-2025	
	15-3-2025	
	16-03-2025	S. U. N. D. A. Y.
11	17-3-2025	Test of unit 3
	18-3-2025	
	19-3-2025	File management: File Systems
	20-3-2025	Functions of the system, File access methods
	21-3-2025	
	22-3-2025	
	23-3-2025	S. U. N. D. A. Y.
12	24-3-2025	Allocation methods: Contiguous
	25-3-2025	
	26-3-2025	Allocation methods: allocation, linked, indexed allocation
	27-3-2025	Directory Systems: Structured Organizations
	28-3-2025	
	29-3-2025	
	30-3-2025	S. U. N. D. A. Y.
13	31-3-2025	Directory and file protection mechanisms.
	1-4-2025	
	2-4-2025	Discussion on doubts in unit 4

	3-4-2025	Assignment
	4-4-2025	
	5-4-2025	
	6-4-2025	S. U. N. D. A. Y.
14	7-4-2025	Test of unit 4
	8-4-2025	
	9-4-2025	Revision of unit 1
	10-4-2025	Oral test of unit 1
	11-4-2025	
	12-4-2025	
	13-4-2025	S. U. N. D. A. Y.
15	14-4-2025	Written test of unit 1
	15-4-2025	
	16-4-2025	MAHAVIR JAYANTI
	17-4-2025	Revision of unit 2
	18-4-2025	
	19-4-2025	
	20-4-2025	S. U. N. D. A. Y.
16	21-4-2025	Oral test of unit 2
	22-4-2025	
	23-4-2025	Written test of unit 2
	24-4-2025	Revision of unit 3
	25-4-2025	
	26-4-2025	

	27-4-2025	S. U. N. D. A. Y.
17	28-4-2025	Revision of unit 4
	29-4-2025	
	30-4-2025	Test of complete syllabus
	01-05-2025	
	02-05-2025	
	03-05-2025	
	04-05-2025	S. U. N. D. A. Y.

Signature