

Lesson plan

Name: Neelam
 Class & Section: BSc IV
 Subject: Computer Science: Operating System

Week 1	Date	Topic
	1-Jan-19	
	2-Jan-19	
	3-Jan-19	Operating system, architecture, functions, characteristics, historical evolution
	4-Jan-19	Serial, batch, multiprogramming, time sharing,
	5-Jan-19	Real time, distributed and parallel. OS as resource Manager.
	6-Jan-19	Sunday
2	7-Jan-19	
	8-Jan-19	
	9-Jan-19	
	10-Jan-19	Computer system structures: I/O structure, storage structure, storage hierarchy
	11-Jan-19	Operating system structure: system components, services
	12-Jan-19	system calls, system programs, system structures
	13-Jan-19	Sunday
3	14-Jan-19	
	15-Jan-19	
	16-Jan-19	
	17-Jan-19	Revision Unit I
	18-Jan-19	Process management: process concepts, process state,
	19-Jan-19	process control block, operations
	20-Jan-19	Sunday
4	21-Jan-19	
	22-Jan-19	
	23-Jan-19	
	24-Jan-19	process scheduling, inter process communication
	25-Jan-19	Sir Chhoti Ram Jayanti
	26-Jan-19	Republic Day
	27-Jan-19	Sunday
5	28-Jan-19	
	29-Jan-19	
	30-Jan-19	
	31-Jan-19	CPU Scheduling: scheduling criteria, levels of scheduling,

Week	Date	Topic
1	1-Feb-19	scheduling algorithms
	2-Feb-19	,multiple processor scheduling.
	3-Feb-19	Sunday
2	4-Feb-19	
	5-Feb-19	
	6-Feb-19	
	7-Feb-19	Deadlocks: Characterization, methods of handling, deadlock detection, prevention, avoidance.
	8-Feb-19	Recovery
	9-Feb-19	Revision Unit II
	10-Feb-19	Vasant Panchami / Sunday
3	11-Feb-19	
	12-Feb-19	
	13-Feb-19	
	14-Feb-19	Group Discussion: Unit II
	15-Feb-19	Storage Management: memory management of single user and multiuser operating system,
	16-Feb-19	partitioning
	17-Feb-19	Sunday
4	18-Feb-19	
	19-Feb-19	Guru Ravi Dass Birthday
	20-Feb-19	
	21-Feb-19	swapping paging
	22-Feb-19	Segmentation
	23-Feb-19	virtual memory
	24-Feb-19	Sunday
5	25-Feb-19	
	26-Feb-19	
	27-Feb-19	
	28-Feb-19	Page replacement Algorithms, Thrashing

Week	Date	Topic
1	1-Mar-19	Maha Shivratri
	2-Mar-19	Process synchronization: critical section problems
	3-Mar-19	Sunday
2	4-Mar-19	
	5-Mar-19	
	6-Mar-19	
	7-Mar-19	Semaphores. Mutual exclusion
	8-Mar-19	Revision Unit III
	9-Mar-19	Question Answer Session Unit III
	10-Mar-19	Sunday
3	11-Mar-19	
	12-Mar-19	
	13-Mar-19	
	14-Mar-19	Disk scheduling,
	15-Mar-19	Disk structure
	16-Mar-19	Disk management
	17-Mar-19	Sunday
4	18-Mar-19	University Holidays
	19-Mar-19	University Holidays
	20-Mar-19	University Holidays
	21-Mar-19	University Holidays
	22-Mar-19	University Holidays
	23-Mar-19	University Holidays
	24-Mar-19	Sunday
5	25-Mar-19	
	26-Mar-19	
	27-Mar-19	
	28-Mar-19	File Management
	29-Mar-19	File Systems: Functions of the system,
	30-Mar-19	File access and allocation methods
	31-Mar-19	Sunday

Week	Date	Topic
1	1-Apr-19	
	2-Apr-19	
	3-Apr-19	
	4-Apr-19	Directory Systems: Structured Organizations
	5-Apr-19	directory and file protection mechanisms
	6-Apr-19	Revision Unit IV
	7-Apr-19	Sunday
2	8-Apr-19	
	9-Apr-19	
	10-Apr-19	
	11-Apr-19	system calls, system programs, system structures, PCB
	12-Apr-19	inter process communication
	13-Apr-19	Group Discussion: Unit I
	14-Apr-19	Vaisakhi / Ambedkar Jyanti / Sunday
3	15-Apr-19	
	16-Apr-19	
	17-Apr-19	Mahavir Jayanti
	18-Apr-19	Seminar
	19-Apr-19	Seminar
	20-Apr-19	Seminar
	21-Apr-19	Sunday
4	22-Apr-19	
	23-Apr-19	
	24-Apr-19	
	25-Apr-19	Process synchronization: critical section problems, Semaphores
	26-Apr-19	Revision Unit III
	27-Apr-19	Revision Unit IV
	28-Apr-19	Sunday
	5	29-Apr-19
30-Apr-19		