

**SAMANTA CHANDRASEKHAR INSTITUTE
OF TECHNOLOGY & MANAGEMENT**
SEMILIGUDA-764 036, KORAPUT

DEPT. OF..... CSE [EVEN SEM].....

MAR-23 to AUG-23

LESSON PLAN AND PROGRESS REGISTER

(To be maintained by all members of the teaching staff)

SESSION..... 2023.....

NAME Kalputam Dm
DESIGNATION _____
DEPT. CSE

SIGNATURE

This Lesson Plan and Progress Register is to be submitted to the Director for verification and counter signature twice in every semester. The H.O.D. must verify and sign this Register before submission.

COURSES ALLOTTED

FOR DIFFERENT BRANCHES & SEMESTER (Degree/Diploma/+2 Science)

Semester	Course No.	Course Title
2 nd	Th-1.6	Computer Application
4 th	Th-1	Operating System

N.B. : Submission of Annual Lesson Plan-cum-Progress Register and performance Report Assessment are responsibility of each faculty member.

LESSON PLAN

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 4th Branch CSE

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
15/2	1. Introduction	Objectives and Explain Functions of Operating System	01
16/2		Evolution of Operating System	01
16/2		Structure of Operating System	01
20/2	2. Process Management	Process Concept, Process Control	01
21/2		Interfacing Processes Inter Process Messages	01
22/2		Implementation Issues of Processes	01
23/2		Process Scheduling job scheduling	01
25/2		Process Synchronization Semaphore	01
27/2		Principle of Concurrency	01
28/2		Types of Scheduling	01
1/3	3. Memory Mgt.	Memory Allocation Techniques	01
2/3		• Contiguous Memory Allocation	01
4/3		• Non Contiguous Memory Allocation	01
6/3		Swapping	01
7/3		Paging	01

PROGRESS

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

0.5
Semester 4th Branch CSE

Date	Course No. & Title	No. of Student Present	Mention the Topics covered	If not taken mention the reasons	Remarks/ Signature of HOD/Director
15/2	1. Intro	21	Objectives and Explain Functions of OS	?	
16/2	duction	22	Evolution of OS		
16/2		22	Structure of OS		
20/2	2. Process	20	Process Concept, Process Control		
21/2	Mgt.	15	Interfacing Processes Inter Process Messages		
22/2		17	Implementation Issues of Processes		
23/2		17	Process Scheduling job Scheduling		
25/2		20	Process Synchronization Semaphore		
27/2		19	Principle of Concurrency		
28/2		13	Types of Scheduling		
1/3	3. Memory	16	Memory Allocation Techniques	?	
2/3	Mgt.	20	• Contiguous Memory Allocation		
4/3		17	• Non Contiguous Memory Allocation		
6/3		16	Swapping		
7/3		15	Paging		

LESSON PLAN

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 4th

Branch CSE

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
9/3		Segmentation	01
11/3		Virtual Memory Using Paging	01
13/3		Demand Paging	01
13/3		Page-Fault handling	01
14/3	4.0 Device	Techniques for device Management	01
15/3	Mgt.	• Dedicated	01
16/3		• Shared and • Virtual	01
18/3		Device Allocation considerations - I/O traffic control	01
21/3		I/O Schedule	01
23/3		I/O Device handlers	01
25/3		Spooling	01
27/3		Revise all papers / topics	01
28/3	5.0 Deadlocks	Concept of Deadlock	01
29/3		System Model	01
4/4		Deadlock Detection	01

PROGRESS

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 4th

Branch CSE

Date	Course No. & Title	No. of Student Present	Mention the Topics covered	If not taken mention the reasons	Remarks/ Signature of HOD/Director
9/3		19	Segmentation	[Signature]	
11/3		17	Virtual Memory Using Paging		
13/3		13	Demand Paging		
13/3		17	Page-Fault Handling		
14/3	4.0 Device	15	Techniques for device Management		
15/3	Mgt.	19	• Dedicated		
16/3		16	• Shared and • Virtual		
18/3		15	Device Allocation considerations I/O traffic control		
21/3		14	I/O Schedule		
23/3		18	I/O Device handlers		[Signature]
25/3		15	Spooling		
27/3		19	Revise all papers or topics		
28/3	5.0 Deadlocks	22	Concept of Deadlock		
29/3		18	System Model		
4/4		15	Deadlock Detection		

LESSON PLAN

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 4th Branch CSE

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
5/4		Resources Allocation Graph	01
11/4		Methods of Deadlock handling	01
15/4		Recovery & Prevention	01
18/4		Explain Bankers Algorithm	01
19/4		Safety Algorithm	01
22/4	G.O FILE	File Organization, Directory & File Structure	01
26/4	Mgt.	Sharing of Files	01
29/4		File Access Methods	01
1/5		File Systems, Reliability	01
2/5		Allocation of disk space	01
3/5		File Protection	01
4/5		Secondary Storage Management	01
5/5	7.0 System	File Organization Concept of System Prog.	
6/5	Programming	Show difference from Appl ⁿ compiler	
7/5		Compiler	

PROGRESS

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 4th Branch CSE

Date	Course No. & Title	No. of Student Present	Mention the Topics covered	If not taken mention the reasons	Remarks/ Signature of HOD/Director
5/4		14	Resources Allocation Graph	[Signature]	
11/4		18	Methods of Deadlock handling		
15/4		18	Recovery & Prevention		
18/4		12	Explain Bankers Algorithm		
19/4		13	Safety Algorithm		
22/4	G.O FILE	14	File Organization, Directory & File Structure		
26/4	MGT.	15	Sharing of Files		
29/4		15	File Access Methods		
1/5		16	File Systems, Reliability		
2/5		19	Allocation of disk space		[Signature]
3/5		15	File Protection		
4/5		16	Secondary Storage Mgt		
5/5	7.0 System	17	Concept of System Prog.		
6/5	Programming	18	Show difference from Applications compiler		
7/5		17	Compiler		

LESSON PLAN

Degree/Diploma/+2 Science
(Theory/Pract/Lab/Workshop)

Semester 4th Branch CSE

Month & Date	Course No. & Title	Brief note of the topics to be covered	No. of Classes Required
8/15		Functions of Compiler	
9/15		Compare Compiler and Interpreter	
10/15		Seven Phases of Compiler	
11/15		Brief Description of each phase	

PROGRESS

Degree/Diploma/+2 Science
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Semester 4th Branch CSE

Date	Course No. & Title	No. of Student Present	Mention the Topics covered	If not taken mention the reasons	Remarks/ Signature of HOD/Director
8/15		13	Functions of Compiler	}	
9/15		18	Compare Compiler and Interpreter		
10/15		10	Seven Phases of Compiler		
11/15		22	Brief Description of each phase		