LESSON PLAN:		
Discipline: **CSE**	Semester: **4th**	Name of the Teaching Faculty: **Mrs. Nishita Kindo**
Subject: **OS**	No. Of Days/per week class allotted: **4 periods per week (Mon, Tues, Wed & Thus – 1 period each)**	Semester: **From Date:14-02-2023 To Date:23-05-2023**
WEEK	**CLASS DAY**	**THEORY /PRACTICAL TOPICS**
1st	14-02-2023	Syllabus Discussion
	15-02-2023	**1. INTRODUCTION** 1.1 Objectives and Explain functions of Operating system.
	16-02-2023	1.2 Evolution of Operating system
2nd	20-02-2023	1.3 Structure of Operating system.
	21-02-2023	**2. PROCESS MANAGEMENT** 2.1 Process concept, process control,
	22-02-2023	2.1 interacting processes, inter process messages(Conti...)
	23-02-2023	2.2Implementationissues of Processes.
3rd	27-02-2023	2.3Processscheduling, job scheduling. **Assignment Cum Revision**
	28-02-2023	2.4Processsynchronization, semaphore
	01-03-2023	2.5 Principal of Concurrency, types of Scheduling
	02-03-2023	**3. MEMORY MANAGEMENT** 3.1 Memory allocation Techniques 3.1.2 Contiguous memory allocation 3.1.2 Non- contiguous memory allocation
4th	06-03-2023	**Class Test 1**
	09-03-2023	3.2 Swapping
5th	13-03-2023	3.3 Paging,
	14-03-2023	3.3 Segmentation (Cont.)
	15-03-2023	3.3 virtual memory using paging Demand(Cont.)
	16-03-2023	3.3 Page fault handling (Cont.)
6th	20-03-2023	**4. DEVICE MANAGEMENT** 4.1 Techniques for Device Management
	21-03-2023	4.1.1 Dedicated, 4.1.2 Shared and 4.1.3 virtual.
	22-03-2023	4.2 Device allocation considerations I/O traffic control & I/O Schedule,
	23-03-2023	4.2 I/O Device handlers (conti....)
7th	27-03-2023	4.3 SPOOLING.
	28-03-2023	**5. DEADLOCK** 5.1 Concept of deadlock,

	29-03-2023	5.2 System Model
8th	03-04-2023	5.3 Dead Lock Detection
	04-04-2023	5.4 Resources allocation Graph
	05-04-2023	5.5 Methods of Deadlock handling(Part-1)
	06-04-2023	**Class Test 2**
9th	10-04-2023	5.5 Methods of Deadlock handling(Part-2)
	11-04-2023	5.6 Recovery &Prevention,
	12-04-2023	5.6 Explain BANKERS Algorithm &
	13-04-2023	5.6 Safety Algorithm (conti...) **Assignment Cum Revision**
10th	17-04-2023	**6. FILE MANAGEMENT** 6.1 File organization,
	18-04-2023	6.1 Directory & file structure, sharing of files(Conti..)
	19-04-2023	6.2 File access methods, file systems, reliability
	20-04-2023	6.3 Allocation of disk space
11th	24-04-2023 to 29-04-2023	**Internal Assessment**
12th	01-05-2023	6.4 File protection,
	02-05-2023	6.4 secondary storage management (conti..)
	03-05-2023	**7. SYSTEM PROGRAMMING** 7.1 Concept of system programming and
	04-05-2023	7.1show difference from Application Complier (conti..) **Assignment Cum Revision**
13th	08-05-2023	**Class Test 3**
	09-05-2023	7.2 Compiler, functions of compiler.
	10-05-2023	7.2 Compiler, functions of compiler.
	11-05-2023	7.3 Compare compiler and interpreter.
14th	15-05-2023	7.4 Seven phases of compiler,
	16-05-2023	7.4 Brief description of each phase (conti.)
	17-05-2023	7.4 Brief description of each phase (conti.)
	18-05-2023	**Revision Cum Assignment**
15th	22-05-2023	**Previous Year Question Discussion**
	23-05-2023	**Doubt Clearing Class**