Computer Science Paper VII
Practical Course Based on Operating system-II
[Discipline Specific Course]

Semester: VI	Credits: 02	Subject Code: BSP62207	Lectures: 36

Course Outcomes:

At the end of this course, the learner will be able to:

- Implement Banker's algorithm for Deadlocks in Process management.
- Simulate File system management
- Study and implement various algorithms of disk scheduling

• **Assignment 1**: Simulation of Banker's algorithm of deadlock avoidance in processes of operating system	**6**
• **Assignment 2:** Simulation of File Allocation methods and free space management in storage - Contiguous allocation, Linked allocation, Indexed allocation	**6**
• **Assignment 3:** Simulation of Disk Scheduling algorithms – FCFS, SSTF, Scan, Look	**16**
• **Assignment 4:** Assignment based on distributed and mobile OS using a case study	**08**

Board of Studies	Name	Signature(in white cell)	
Chairperson (HoD)	Ms. AshwiniKulkarni	14/8/21	
Faculty	Ms. AshwiniKulkarni		14/8/21
Faculty	Ms. AlkaKalhapure	14/08/21	
Subject Expert (Outside SPPU)	Prof. Mr.AniketNagane		14/8/21
Subject Expert (Outside SPPU)	Dr. ManishaDivate	14/8/21	
VC Nominee	Dr. ManishaBharambe		14/08/21
Industry Expert	Ms. SnehalBiyala	14/8/21	
Alumni	Ms. MamtaChoudhary		14/8/21

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