

**Academic Year 2023-2024, SEM I**

## **Report of Innovative Teaching Pedagogy**

**Activity:** Crossword.

**Class:-** TE- 1

**Subject Coordinator:-** Ms. Reshma Kapadi

**Subject:-** System Programming & Operating System

**Date:-** 13/10/2023

**Number of Participants:-** 33

**Mode of Conduction:-** Offline

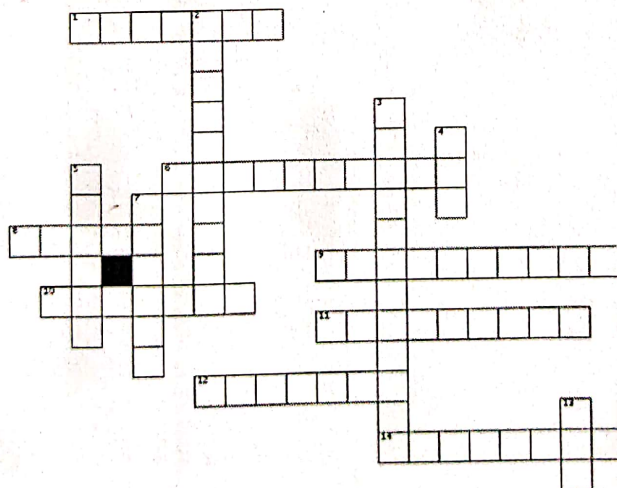
**Topics: Operating System Basics, Process Management**

**Way of Conduction:-** Attached Annexure

**Outcomes of the Session:**

1. Think critically and solve problems, enhancing students' analytical and logical thinking skills.
2. Learn to use deductive reasoning to find solutions based on the provided clues, improving their problem-solving abilities.
3. Enhance Cognitive skills of Learning.

**Crossword Image:**



### Questions:

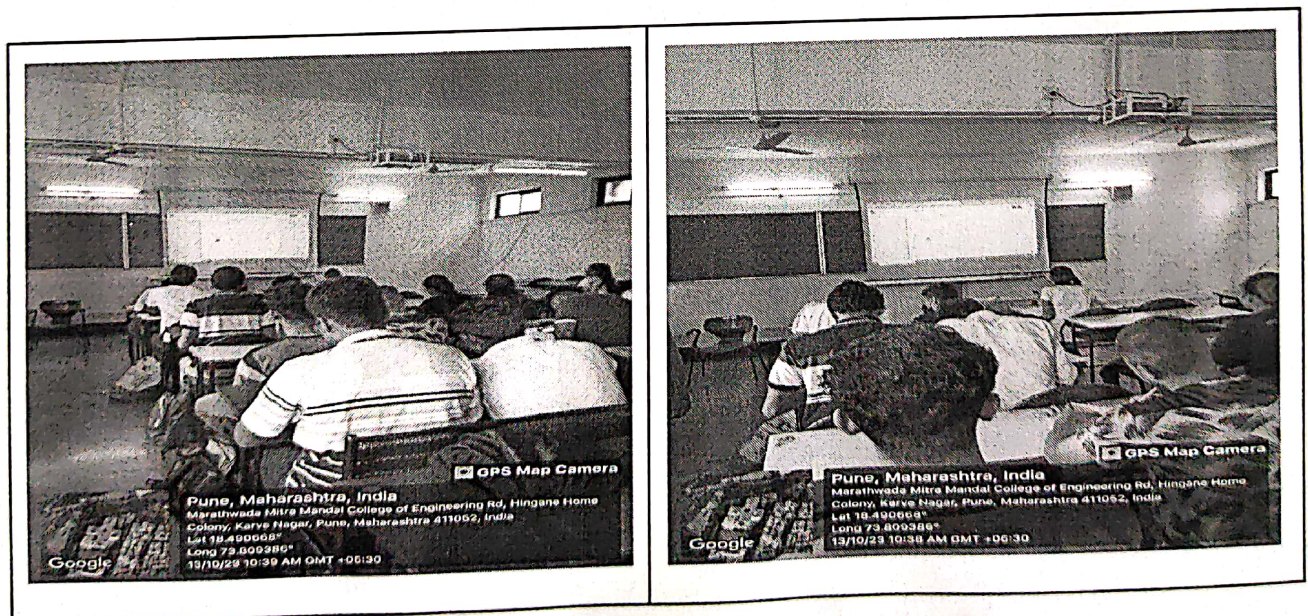
#### ACROSS

1. a system activity that has a set of instructions and it performs a specific task
6. when a process transitions from a running state to a ready state or from a waiting state to a ready state.
8. It is the amount of CPU time the process requires to complete its execution
9. unit that is used to execute computer tasks.
10. Total time that a process spends while waiting in a ready queue until it gets the CPU (for the I/O completion).
11. ....system interface between a computer user and computer hardware
12. A Program in execution is called as
14. central processing unit (CPU), computer memory, file storage, input/output (I/O) devices, and network connections are called as-----

#### DOWN

2. ....Algorithm used in a scheduling algorithm that distributes work evenly among all available resources.
3. A -----system is defined as a computer system that has a single central
4. This is the first state of process state model
5. acts as a bridge between applications and data processing performed at hardware level using inter-process communication and system calls.
7. A process in its lifecycle can go through number of -----.
13. ....refers to a data structure that keeps track of information about a specific process.

### Photos:





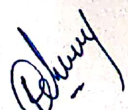
## Answers:

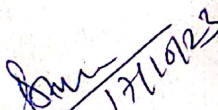
<p>Name: Prasad Babar Roll no: TC105 TE-1 Subject: SPOS</p>	<p>Name: Varshnavi Jandeep Adsur Roll no: TC102 TE-1 Sub: SPOS</p>
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<p><b>Group-6</b></p> <p>PROGRAM</p> <p>U</p> <p>N</p> <p>D</p> <p>PREEMPTIVE</p> <p>BURST</p> <p>N</p> <p>WAITING</p> <p>L</p> <p>PROCESS</p> <p>REFSOURC</p>	<p><b>Group-6</b></p> <p>PROGRAM</p> <p>U</p> <p>N</p> <p>D</p> <p>PREEMPTIVE</p> <p>BURST</p> <p>N</p> <p>WAITING</p> <p>L</p> <p>PROCESS</p> <p>REFSOURC</p>
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Feedback Link:  
<https://docs.google.com/forms/d/1POxiuudbeP9Jy8Pj0nE1exWlJqBXqAb1MeSr---azZI/edit>

  
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