

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

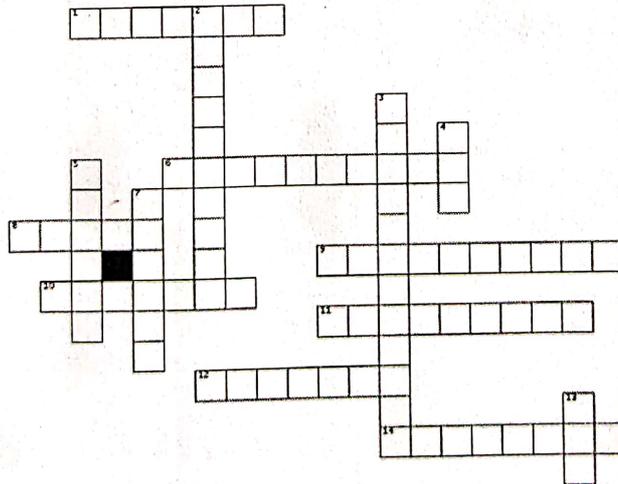
### Topics: Operating System Basics, Process Management

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:

