



## Department Of Information And Communication Technology

### Report On

### **Participative Learning**

#### **SUBJECT: - MCA-105 Operating System with Linux**

**Activity** : Group Discussion  
**Subject** : MCA-105 Operating System with Linux  
**Department** : Department of ICT  
**Faculty in Charge** : Ms .Bharti Aggarwal  
**Participants** : MCA- 1st year students  
**Date** : 11/12/2023

#### **Objectives:**

- Participants should gain a clear understanding of the concept of CPU scheduling
- The discussion provides an opportunity for participants to share their knowledge about different CPU scheduling algorithms, such as First Come First Serve (FCFS), Shortest Job Next (SJN), Round Robin (RR), Priority Scheduling, etc.
- Participants can compare and contrast various CPU scheduling algorithms based on factors like throughput, turnaround time, waiting time, response time, and fairness.
- The group can discuss scenarios or problems related to CPU scheduling and brainstorm solutions or optimizations using different scheduling algorithms.

#### **Execution of Activity:**

- Discussion began with the introduction of various types of CPU Scheduling and continued with exploring the difference between each of them. Discussing real-world applications and implications of CPU scheduling algorithms can help participants understand how these concepts are applied in practice.

## Learning Outcomes:

- Participants through active dialogue and exchange of ideas, participants clarify their understanding of scheduling algorithms, their mechanisms, and their implications in operating system design.
- Group discussions involve participants with varying levels of expertise and perspectives. This diversity enriches the discussion by bringing in different viewpoints, experiences, and insights into CPU scheduling. Participants may consider factors that they hadn't previously thought of, leading to a more comprehensive understanding of the topic.
- Group discussions provide an opportunity for participants to practice and improve their communication skills. They learn to articulate their thoughts, express opinions, and engage in constructive dialogue with others. Effective communication is crucial in conveying complex technical concepts and facilitating collaborative problem-solving.
- A successful group discussion on CPU scheduling should foster a collaborative learning environment. Participants should enhance their communication skills by actively engaging in discussions, asking questions, and articulating their thoughts. The exchange of experiences and insights among participants contributes to a richer understanding of the topic and promotes a collaborative approach to problem-solving in database design.

## Photograph:



**List of participants:**

S.No.	Enroll.No.	Name
1	00117004423	Bhavya Choudhary
2	00217004423	Hitesh
3	35217004423	Harshit Bansal
4	70117004423	Himanshu Tyagi

*Bharti*

**Bharti Aggarwal**

**Subject Faculty**

*Shalini*

**HoD  
MCA-TIAS**