Mindluster Platform

# About the course Operating System Fundamentals 2025

Operating System Fundamentals course in hindi, in this course explore the core principles and functionalities that form the backbone of modern computing systems. Delving into the intricate workings of operating systems, learners gain insight into essential concepts such as process management, memory management, file systems, and device management. Through a blend of theoretical study and practical implementation, students grasp the fundamental mechanisms that enable computers to execute tasks efficiently and manage resources effectively. From understanding the role of the kernel to exploring different types of operating systems like Unix, Linux, and Windows, this course provides a comprehensive overview of operating system fundamentals. By the end of the course, students will have acquired the knowledge and skills necessary to comprehend, design, and troubleshoot operating system environments, laying a solid foundation for further studies or careers in computer science and IT.

**Computer Science Category's Courses**

# Course Lesson(9)

Lesson 1 :
**GATE 2025 Computer Science Engineering Operating System Synchronization Part 1 BYJU S GATE**

Lesson 2 : **GATE 2025 EE ECE CSE Digital Electronics Signed Magnitude Representation BYJU S**

Lesson 3 : **GATE 2025 EE ECE CSE Digital Electronics Base Conversions Part 1 BYJU S GATE**

Lesson 4 : **GATE 2025 EE ECE CSE Digital Electronics Base Conversions Part 2 BYJU S GATE**

Lesson 5 :
**GATE 2025 EE ECE CSE Digital Electronics 1 s 2 s Complement Representation of Signed Numbers**

Lesson 6 :
**GATE 2025 Computer Science Engineering Operating System Process Management 2 BYJU S GATE**

Lesson 7 :
**GATE 2025 Computer Science Engineering Operating System Process Management 1 BYJU S GATE**

Lesson 8 :
**GATE 2025 Computer Science Engineering Operating System OS Structures BYJU S GATE**

Lesson 9 :
**GATE 2025 Computer Science Engineering Operating System Fundamentals of OS BYJU S GATE**

# Related courses

**Linear Algebra for Computer Scientists**

**Insertion Sort**

**Bubble Sort**

**GCSE Computer Science**

**Random Access Memory**



for Business Contact
business@mindluster.com