Galgotias College of Engineering & Technology

Details of Lab Equipment : 2023-24
Department of Computer Science Engineering Labs

Lab No.-E-006

Name: Operating System Laboratery
Lab/ Major Equipments : 32 Computers (CPU- (Processor) 12th Gen Intel (R) Core (TM) i5 -12500 3.00Ghz
Ram- 8 gb
Rom- SSD 512gb
Mouse - hp
Keyboard - hp
Monitor- 23.8in hp)

Description of Labs: The Operating System Laboratory offers a hands-on environment for students to explore and understand the fundamental concepts of operating systems. Through practical experiments and simulations, participants delve into various aspects such as process management, memory management, file systems, and networking. The lab provides opportunities to work with different operating systems, including Unix/Linux and Windows, enabling students to gain insights into their similarities and differences. Emphasis is placed on tasks like process scheduling, memory allocation, and device management, allowing students to grasp the core functionalities of operating systems. Additionally, students have the chance to troubleshoot common operating system issues and optimize system performance. Overall, the Operating System Laboratory equips students with the essential skills and knowledge required to comprehend and work with operating systems effectively in real-world scenarios.