# Galgotias College of Engineering & Technology

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

**Lab No.-E-022**

**Name: Computer Network Lab**
**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 Computer Network Lab offers hands-on experience in understanding and implementing networking concepts. Through practical exercises and simulations, students explore topics such as network architecture, protocols, security, and troubleshooting. The lab provides a platform for experimenting with various networking technologies, including LANs, WANs, and wireless networks. Students gain proficiency in configuring network devices, analyzing network traffic, and designing robust network solutions. Emphasis is placed on practical skills development, fostering a deeper understanding of theoretical concepts. Additionally, the lab serves as a collaborative environment where students can work together on networking projects, enhancing teamwork and communication skills. Overall, the Computer Network Lab equips students with the practical knowledge and skills necessary to excel in the field of computer networking.