

# Galgotias College of Engineering & Technology

## Details of Lab Equipment : 2023-24

### Department of Computer Science Engineering Labs

#### Lab No.-D-316

#### Name: Computer Center -3(Programing Lab )

**Lab/ Major Equipments** 36 Computer System , CPU- (Processor) 12th Gen Intel (R) Core (TM) i5 -12500 3.00Ghz

Ram- 16 gb

Rom- SSD 512gb

Mouse - hp

Keyboard - hp

Monitor- 23.8in hp

**Description of Labs:** Computer Center -3, also known as the Programming Lab, provides a foundational environment for students to learn programming concepts and techniques. Through hands-on exercises and projects, participants delve into various programming languages such as C, C++, Java, or Python. The lab covers fundamental topics including variables, control structures, functions, and data structures. Emphasis is placed on problem-solving skills and algorithmic thinking, enabling students to tackle coding challenges effectively. Additionally, the lab fosters a collaborative learning environment where students can share ideas and insights, enhancing their programming proficiency. By the end of the course, students gain a solid understanding of programming fundamentals and develop the skills necessary to write efficient and structured code. Computer Center -1 serves as a springboard for students to pursue further studies and careers in computer science and related fields.

