Galgotias College of Engineering & Technology

<u>Details of Lab Equipment : 2023-24</u>
Department of Computer Science Engineering Labs

Lab No.-D-217B

Name: Computer Center -2 (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 -2, 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.