Galgotias College of Engineering & Technology

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

Lab No.-E-007B

Name: Software Engineering 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 Software Engineering Laboratory provides a hands-on environment for students to learn and apply principles of software development. Through collaborative projects and practical exercises, participants gain experience in the entire software development lifecycle, including requirements analysis, design, implementation, testing, and maintenance. The lab emphasizes the use of modern software engineering methodologies, such as Agile and Scrum, to manage projects effectively. Students work with industry-standard tools and technologies to develop software solutions for real-world problems, focusing on aspects like code quality, scalability, and maintainability. Additionally, the lab encourages teamwork, communication, and project management skills essential for successful software development in professional settings. By the end of the course, students are equipped with the knowledge and practical experience necessary to excel as software engineers in diverse industries.