

Computer Laboratory

Computer Lab 1 (218) : Java & AI Lab

As shown in Fig 6 Java and AI lab creating the environment for students to learn Software development in Java and facilitate the students about Artificial Intelligence. The laboratory has all the required software to carry out the experiments as per the syllabus.



Fig 6: Computer Lab 1

Computer Lab 2 (219) : Project Lab

In the project laboratory, students complete their project work. Additionally, students participate in state and national project competitions such as Hackathon, and Ideathon. Internet of Things, machine learning, data mining, augmented reality, etc. are some of the project subjects. The Lab is Shown in Fig 7



Fig 7: Computer Lab 2

Computer Lab 3 (220) : Database Lab

Database lab is installed with the latest software related to databases. The lab facilitates students to perform Database-related practicals. All-important software like Ubuntu, MySQL, MySQL Server, and MongoDB are installed to perform practicals by students. The Lab is shown in Fig 8.



Fig 8: Computer Lab 3

Computer Lab 4 (221) : Data structure labs

Data structure labs involve implementing and understanding various data structures, algorithms, and their applications. The Software Engineering Lab focuses on the practical aspects of software development and project management. Students gain hands-on experience in the software development life cycle, collaboration, and best practices in software engineering. The Lab is shown in Fig 9.



Fig 9: Computer Lab 4

Computer Lab 5 (222): Data Science and Python Lab

In a Data Science Lab, students typically engage in hands-on activities and projects that involve the application of data science concepts and techniques. The lab is designed to provide practical experience in working with real-world datasets, performing data analysis, and building predictive models. The lab is shown in Fig 10.



Fig 10: Computer Lab 5

Computer Lab 6 (223): Cloud Computing and Web Technology Lab

Cloud Computing Lab focused on web services, students typically engage in practical exercises and projects that involve the use of cloud platforms to deploy, manage, and scale web applications. The lab aims to provide hands-on experience with cloud computing technologies and services. The Lab is shown in Fig 11.



Fig 11: Computer Lab 6

Computer Lab 7 (224) : (MOOC & Research Lab)

Cloud Computing Lab focused on web services, students typically engage in practical exercises and projects that involve using cloud platforms to deploy, manage, and scale web applications. The lab aims to provide hands-on experience with cloud computing technologies and services



Fig 12: Computer Lab 7

Computer Lab 8 (IoT & e-Yantra Lab)

The purpose of e-Yantra Lab at SVKM's IOT is to spread awareness about embedded systems and Robotics, an initiative by IIT Bombay sponsored by the Ministry of Human Resource Development (MHRD). It supports infrastructure creation in the form of lab setup at colleges by providing training to teachers in the theoretical and practical application of robotics

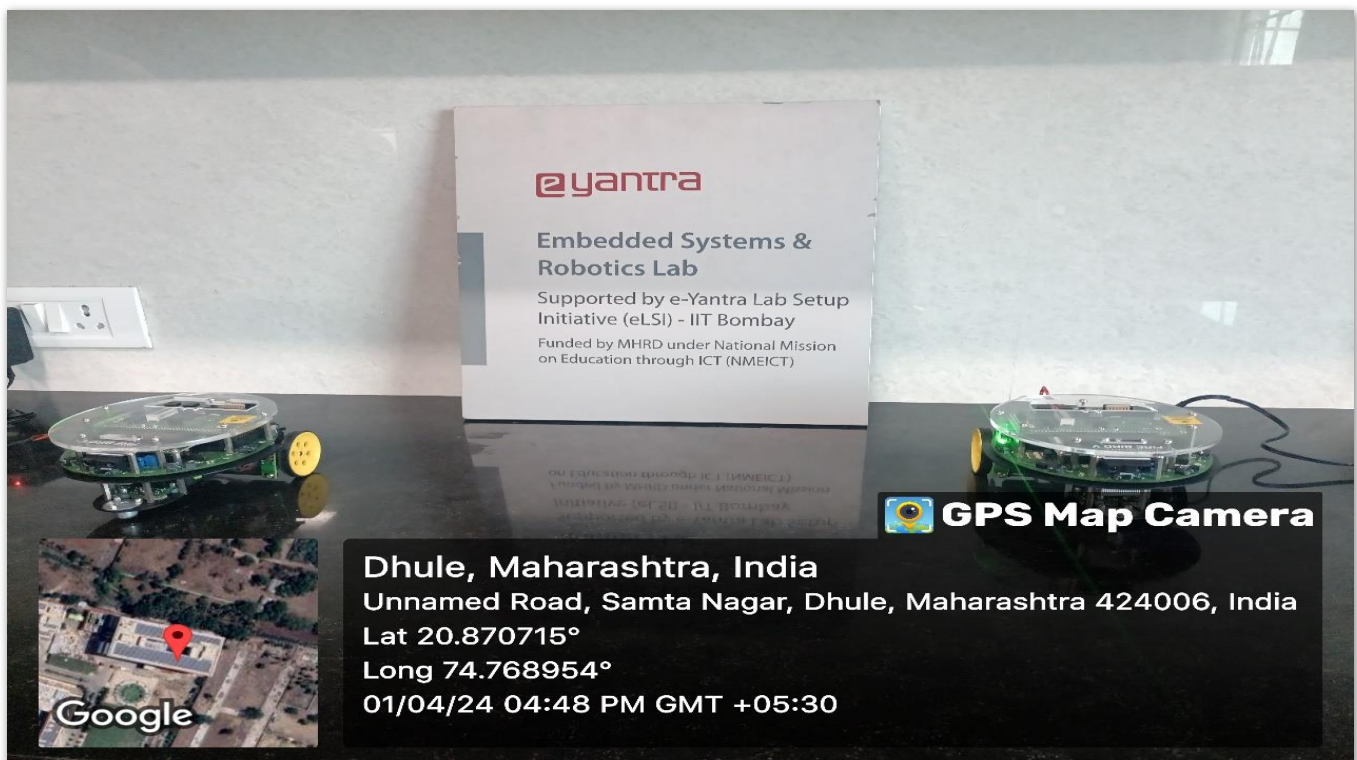


Fig 13: Computer Lab 8