



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

Recognised by AICTE and DTE Maharashtra and affiliated to Savitrabai Phule Pune University

Department of Computer Engineering

Laboratories

- The department is equipped with state of art, ultra-modern and sophisticated programming labs and classrooms with fully updated facility.
- The department has a well-established LAN of 150 Machines. The ambience and the ergonomic design of the labs enhance students' appetite for acquiring programming skills.
- The internet facility with 1157 Mbps leased line, Wi-Fi facility is available in campus to students and faculty.

The department has following

Laboratories:

- CSL Lab I & CSL Lab II equipped with 60 PCs used for programming in C, C++, JAVA, Python, R programming, DBMS, Visual Studio and Android programming
- CSL Lab III equipped with 25 PCs used for programming in C, C++, JAVA and Visual Studio and cloud computing setup.
- Hardware Lab (Texas Lab) equipped with 30 PC's, have hardware instruments to conduct hardware practical's. Lab also consists kits of BEGALBONE BLACK to perform mini-projects on embedded system etc.
- CSL IV equipped with 20 PCs used for programming in C, C++, JAVA programming
- CSL V equipped with 20 PCs used for programming in C, C++, JAVA programming
- CSL VI equipped with 05 PCs used for students, Cyber Security Project, BE Project

All systems are dual boot. An ultra-modern classrooms equipped with video projection system and computer caters for conventional as well as e-learning needs.

Software :

- Open source software's (java, python, g++, php etc....)
- Microsoft Windows 8 and Windows 10
- Microsoft project
- Microsoft Office 2013
- Code Block
- Visual Studio
- Oracle 11g
- Sift/ Caine
- VMWare
- Masm/ Nasm
- Mongo DB/ MySQL



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- QT framework
- Wireshark/Ethereal and Packet Tracer
- Raspberry Pi/Arduino Programming
- Unity, C#, Blender



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Hardware Lab



Area of Laboratory: 105 Sq.m.

Laboratory In-charge : Prof. Sushama Shirke ; **Lab Asst :** Mr Deolankar U P

Hardware

- IBM Netvista A 30, 1GB RAM, 40GB HDD, KB, Mouse and CRT Monitor
- LCD Projector, UPS system. Hardware Kits 8086,8051/31 and interfacing cards, Digital
- Trainer kit, Digital Multi-meter and DC Power supply unit

Software

- Windows 8.1, NASM and XPO86

Practical conducted

- SE - Digital Electronics and Logic Design
- SE - Microprocessor and Interfacing Lab

Utilization of Laboratory

- For SE Comp



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Computer Software LAB I



Area of Laboratory: 77.5 Sq.m.

Laboratory In-charge: Prof. N.k.Bansode ; Lab Asst: Ms Shrdha Suvrnakar

Hardware

- Lenovo Think Center, Intel i5, 4GB RAM, 500GB HDD, KB, Mouse and LCD Monitor
- HP COMPAQ Deskpro SB 6300, Intel i5, 8GB RAM, 500GB HDD, KB, Mouse and LCD Monitor
- LCD Projector, UPS system.

Software

- Windows 8.1/ Windows 10/Fedora 20, CAINE, Visual Studio 12, JDK1.7, Eclipse, MYSQL Server, ORACLE

Practical conducted

- SE - Data Structure and Problem Solving
- SE - Programming Lab
- TE - Programming Lab I
- TE - Programming Lab I

Utilization of Laboratory

- For SE, TE & BE



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Computer Software LAB II



Area of Laboratory: 77.5 Sq.m.

Laboratory In-charge : Prof. A.P.Sathe ; Lab Asst : Ms Priyanka Holkar

Hardware

- HP COMPAQ Deskpro SB 6300, Intel i5, 8GB RAM, 500GB HDD, KB, Mouse and LCD Monitor
- HP COMPAQ Deskpro SB 6200, Intel i5, 4GB RAM, 500GB HDD, KB, Mouse and LCD Monitor
- LCD Projector, UPS system.

Software

- Windows 8.1, Windows 10, Fedora 20, CAINE, Visual Studio 12, JDK1.7, Eclipse, MYSQL Server, ORACLE

Practical conducted

- SE - Operating Systems and Administration
- SE - OOMP
- TE - Programming Lab II & III BE- Elective II, Elective III

Utilization of Laboratory

- For SE, TE & BE I



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Computer Software LAB III



Area of Laboratory: 77.5 Sq.m.

Laboratory In-charge : Prof.(Dr.)R Jayadevan ; **Lab Asst :** Mr Ravindra Desai

Hardware

- Lenovo Intel core 2 duo, 3GB RAM, 250GB HDD, KB, Mouse and LCD Monitor
- LCD Projector, UPS system.

Software

- Windows 8, Windows 10, Fedora 20, Visual Studio 12, JDK1.7, Eclipse

Practical conducted

- SE - Soft Skill, Microprocessor Architecture
- - Employment Skill Development Lab
- BE - Object Oriented Modelling and Design

Utilization of Laboratory

- For SE Comp, TE Comp & BE Comp

Computer Software LAB IV



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Area of Laboratory: 80 Sq.m.

Laboratory In-charge : Prof. A.P. Kadam ; Lab Asst : Mr K Prakash

Hardware

- IBM Netvista A 30, 1GB RAM, 40GB HDD, KB, Mouse and CRT Monitor, UPS system.

Software

- Windows 8.1, Fedora 20, Visual Studio 12, JDK1.7, Eclipse, MYSQL Server, ORACLE

Practical conducted

- SE – PBL, CG, OOP, DSL
- TE- CNS, WT
- BE – Project

Utilization of Laboratory

- SE Comp, TE Comp & BE Comp

Computer Software LAB V



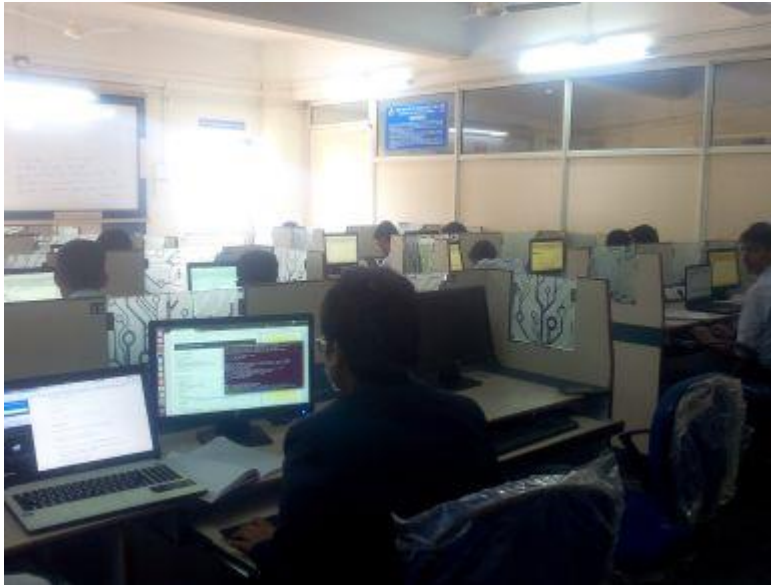
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Area of Laboratory: 70 Sq.m.

Laboratory In-charge : Prof.M.B. Lonare ; Lab Asst : Mr K Prakash

Hardware

- HP Core i7, 3.22GHz, 6MB Cache, Chipset Intel Q8, 4GB RAM, 500GB HDD, KB, Mouse and LCD Monitor
- LCD Projector, UPS system

Software

- Windows 8, Fedora 20, Visual Studio 12, JDK1.7, Eclipse, MYSQL Server, ORACLE

Practical conducted

- SE – Project Based Learning-II, Computer Graphics, Object Oriented Programming, Data Structure Lab
- TE- Computer Networks & security, Web Technology
- BE – Project

Utilization of Laboratory

- For SE Comp ,TE Comp & BE Comp



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Computer Software LAB VI & Incubation Center



Area of Laboratory: 115 Sq.m.

Laboratory In-charge : Prof.M.B. Lonare ; Lab Asst : Mr K Prakash

Hardware

- HP Core i7, 3.22GHz, 6MB Cache, Chipset Intel Q8, 8GB RAM, 500GB HDD, KB, Mouse and LCD Monitor
- LCD Projector, UPS system

Software

- Windows 10, Fedora 20, Visual Studio 12, JDK1.8, Eclipse, MYSQL Server, ORACLE

Practical conducted

- TE- Cloud Computing
- BE – Project
- Cyber Security Project

Utilization of Laboratory

- For TE Comp, BE Comp & Cyber Security Project