

**JIND INSTITUTE OF ENGINEERING AND TECHNOLOGY, JIND**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

JIET offers the front end technologies in the field of Computer science and Information Technology through an elaborate setup of laboratories consisting of the following:

**DEPARTMENT LABORATORIES**

▪ **GENERAL PURPOSE LAB AND DEPARTMENTAL LIBRARY**

This General Purpose Lab and Departmental Library is equipped with Pentium IV based machines. In General Purpose Lab students and faculty members regularly receive updates in hardware and software through frequent guest lectures and presentations. Departmental Library provides all the latest study materials, books, online journals, papers and latest software to the teaching staff.

▪ **CENTRAL COMPUTING LAB**

Central Computing Lab is equipped with Pentium IV based machines. It provides fast Internet access round the clock that is available through a dedicated Satellite link.

▪ **ADVANCE TECHNOLOGY LAB**

Advance technology Lab is equipped with 29 Pentium IV based machines. It provides all the facilities related to mobile computing practically. The Lab is equipped with licensed software of C, C++, JAVA, Oracle and Prolog.

▪ **PROGRAMMING LAB.**

Programming Lab is equipped with latest Pentium IV based machines. It provides all the facility to the students related to their software development programming. This Lab is also equipped with licensed software of C, C++, JAVA, Oracle and Prolog, Perl and Visual Studio.

▪ **PROJECT LAB**

Project Lab is equipped with Pentium IV based machines. It provides all the facility to the students related to their minor and major projects study. This Lab is also equipped with licensed software of C, C++, JAVA, Oracle and Prolog, Perl and Visual Studio. It has facilities for implementing various B.Tech projects.

- **LINUX & SYSTEM PROGRAMMING LAB**

This Laboratory serves for practical courses in Linux & System Programming. This lab is equipped with 27 Pentium IV processor machines, 1 Xeon Server. All the experiments prescribed in & beyond the curriculum are performed.

- **NETWORK PROGRAMMING LAB**

Networking Laboratory serves for Practical courses in Server Side Programming, Java & JSP. This Lab is used for performing the practical courses in Algorithms and Computer Networks. This lab is being equipped Pentium III based machines.

- **HARDWARE LAB**

Hardware technology Lab is equipped with 17 Pentium IV based machines. It provides all the facilities to the students related to hardware technology practically. Complete practical knowledge regarding all the Computer Hardware peripheral & Interfaces is provided to the students.

- ✓ **HARDWARE**

The Department has all the essential Hardware, which is required to impart the IT education to budding engineers at their degree level as per the AICTE norms. The Laboratories are equipped with latest Pentium IV based computers. The latest technological equipments like scanners, switch, router, printers, Portable HD, CD/DVD writers and LCD Projectors are also available.

- ✓ **SOFTWARE**

JAVA, Macromedia Director, Oracle, Turbo C++, Vb.net, Fortran 77, Pascal IBM Rational Suite, IBM Rational Suite, Windows 2000 Professional (S), Windows 2000 Server (S), Windows Xp, Red Hat Linux 9.0 (S), Microsoft Office, Flash Player, Adobe Photoshop, Acrobat Reader, Rational server & client, MSDN Academic Alliance Annual Subscription (A), Nortron Antivirus.