Laboratory Facilities @ AIIE

Information & Communication Technology (ICT) Department

Information & Communication Technology department is well-equipped with branded personal computers of i7 and i5 series. Each students are allotted a separate computer to carry out programming and laboratory assignments. Department laboratories is enriched with license as well as open source software to provide best learning environment at the institute. Institute also has separate Central Computing Center – CCC to work during extended hours or during free slots.

1. **Programming Concept Lab**
   - C
   - C++
   - JAVA

2. **Microprocessor & Sensor Lab**
   - DT1004 Trainer Kit
   - C with Assembly Language
   - Arduino

3. **Data Analysis Lab**
   - Oracle
   - MySql
   - WEKA
   - Massive Online Analysis (MOA)
   - R Programming
   - Hadoop
   - MongoDB
   - Cassandra

4. **Operating System Lab**
   - Java / C
   - StarUML
   - RationalRose
   - NS2

5. **Network & Security Lab**
   - Virtual box
   - Linux
   - C
   - Security tools
   - NS2

6. **Computing Lab**
   - Linux
   - C
   - OpenGL
   - Prolog
   - Python

7. **Communication Lab**
   - Communication Toolbox
   - Optisim
   - Optiwave

8. **Project Lab**
   - Java
   - StarUML
   - RationalRose
   - Python
   - OpenGL
   - MatLab
   - Weka
   - Massive Online Analysis (MOA)
   - HTML5
   - .Net technologies
   - PhP
   - MySql
   - Joomla
   - Wordpress
   - Drupal