



**K.S. INSTITUTE OF TECHNOLOGY, 560109**  
**DEPARTMENT OF COMPUTER SCIENCE &**  
**ENGINEERING**  
**CSE R & D CENTER**  
**(Affiliated by VTU)**  
**FACILITIES**

The CSE department has an R&D Centre affiliated with the Visveswaraya Technological University (VTU). The R&D Centre is supported by 5 Research Guides and 12 Research Scholars, 7 of whom have been awarded PhDs. They are actively involved in research in the fields of Machine Learning, Cryptography, IoT, Artificial Intelligence, Image Processing, Software Engineering, Networking, etc. The R&D Lab is well-equipped with Wi-Fi facilities and an uninterrupted power supply. The following are the facilities available in the R&D lab.

- **Software Details in R&D Lab**

| Sl. No. | Software / OS used       | Open source/Licensed |
|---------|--------------------------|----------------------|
| 1       | Wireshark 3.2.2          | Open source          |
| 2       | Mongodb 4.2.2            | Open source          |
| 3       | Anaconda 3.0             | Open source          |
| 4       | UBUNTU                   | Open source          |
| 5       | Windows Operating System | Licensed             |

- **Hardware details in R&D Lab**

| Sl. No. | Item              | Configuration Details  | Qty. |
|---------|-------------------|--|------|
| 1       | HP DESKTOP        | HP DESKTOP 110 Series-core i3 3rd Gen/4gb ram/500 GB HDD/18.5" Monitor/DVD/Win 8HB OEM/with 3 years warranty (with tax 5.5%)                   | 4    |
| 2       | HP DESKTOP        | HP Desktop 450-011 in core I3 Processor/4GB Ram/500GB Hard Disk/Win8 OS/Keyboard Mouse   | 2    |
| 3       | HP DESKTOP        | HP 406 G1 MT core I7 4th Gen Processor 4GB DDR3 Ram/1TB Hard Disk DVD/18.5" Monitor/DOS Windows 8.1 OS OEMHB                                   | 1    |
| 4       | HP PRINTER        | HP All in One Printer 1213NF(with tax 5.5%)  | 1    |
| 5       | INTERACTIVE PANEL | Interactive Panel (Make & Model: B&S Media JPM T19 19"   | 2    |
| 6       | PHILIPS           | PHILIPS - 4 Way Extension Board  | 5    |
| 7       | ROUTER            | DSL-2750U Wireless N300 ADSL2 Router   | 1    |
| 8       | HP WORKSTATION    | HP Workstation Z230 MT<br>Intel xeon E3-1226v3<br>3.38M GT2 4C CPU 4GB DDR3-1600 NECC (1*4GB)<br>RAM 1TB 7200 RPM SATA 1st HDD No ODD Intel HD | 1    |

|    |                 |                       |   |
|----|-----------------|-----------------------|---|
|    |                 | Graphics P4600        |   |
| 9  | EPSON PROJECTOR | EPSON S03 Projector   | 1 |
| 10 | PRESENTER       | Power point Presenter | 1 |

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