



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 by Visveswaraya Technological University (VTU). The R & D Centre is empowered with **2 Research Guides** and **10 Research Scholars**, actively engaged in research in the areas of Machine Learning, Cryptography, IoT, Artificial Intelligence, Image Processing, Software Engineering, Networking etc. The R & D Lab is well equipped with a Wi-Fi facility with un-interrupted power supply. Following are the facilities available in R & D lab.

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

Sl. No.	Software	Description
1	Wireshark	Packet analyzer, used for network troubleshooting
2	Oracle	It's a multi model database management system
3	MongoDB	Cross platform document oriented database program
4	JAVA	Object oriented programming language
5	Anaconda	Free and open source distribution of python and R programming languages for scientific computing
6	Code Block	Is a cross platform IDE built around wxWidgets , designed to be extensible and configurable

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

Sl. No.	Item	Description	Quantity
1.	Computers (Total 7)	HP DESKTOP 110 Series-core i3 3rd Gen/4GB RAM ram/500 GB HDD	4
		HP Desktop 450-011 in core I3 Processor/4GB Ram/500GB Hard Disk/Win8 OS	2
		HP 406 G1 MT core I7 4th Gen Processor 4GB DDR3 Ram/1TB Hard Disk DVD	1
2	Laptops (Total 3)	Dell Laptop Inspiron-CoreI5 5th Gen Processor14GB Ram 500GB Hard Disk	2
		Apple Mac Book Air MQd42hn/a 13 inch Laptop	1
3	Network Storage	Lenovo 1*4-300d Network Storage with 6TB Hard Disk	1
4	Workstation	HP Z230 MT Intel xeon E3-1226v3 3.38M GT2 4C CPU 4GB DDR3-1600 NECC (1*4GB) RAM 1TB	1

		7200 RPM SATA 1st HDD No ODD Intel HD Graphics P4600	
5	Galileo Boards	Intel Galileo Boards	10
6	Barcode Scanner	Honeywell voyager 1452g(2d) Omni directional Barcode Scanner (Handled)	1
7	Printer	HP All in One Printer 1213NF	2
8	Interactive panel	Interactive Panel (Make & Model: B&S Media JPM T19 19"	2
9	Microcontroller Kits	ARM7 LPC 2148	10

E-Resources

SL No.	Publishers	E-Portal
1.	Elsevier-Science Direct e-Journals	www.sciencedirect.com
2.	Springer Nature e-Journals	https://link.springer.com/
3.	Taylor and Francis e-Journals	https://www.tandfonline.com/
4.	K-Nimbus (Digital Library Platform and Remote Access Solution)	https://ksitb.new.knimbus.com/
5.	Elsevier- E books	https://www.sciencedirect.com/
6.	Taylor and Francis e-Books	https://www.tandfonline.com/
7.	McGraw Hill Education E-Books	http://mcgrawhilleducation.pdn.ipublishcentral.com/
8.	New Age International e-books	http://www.newagepublishers.com/servlet/nahome
9.	K-Nimbus (Digital Library Platform and Remote Access Solution)	https://ksitb.new.knimbus.com/
10.	Packt e-Books	https://prod.packtpub.com/in/
11.	Springer Nature	https://link.springer.com/
12.	Turnitin (similarity check tool)	

Sd/-
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