



Kammavari Sangham (R) 1952, K.S. Group of Institutions
K. S. INSTITUTE OF TECHNOLOGY

An Autonomous Institution under VTU, Approved by AICTE
 Accredited by NBA (CSE & ECE), NAAC with A+ & QS I-GAUGE (GOLD)
 ♡ No.14, Raghuvanahalli, Kanakapura Road, Bengaluru - 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). To date, 10 research scholars have been awarded Ph.D. degrees through the CSE R&D Center. There are 7 Supervisors including faculty members from the Department of Computer Science & Engineering and allied branches, recognized as approved research supervisors from VTU. Currently, 17 research scholars from K. S. Institute of Technology and other engineering institutions are pursuing their Ph.D. under the CSE R&D Center in diverse research areas, including Image Processing, Data Mining, Data Science, Networking, Cloud Computing, Artificial Intelligence, and Machine Learning. 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.

Specifications of Computers and Workstations in CSE R & D Laboratory

Total No. of Computers-07	
Computer Specification – Total No. 4	
Company Name	HP
CPU Model	HP DESKTOP 110
Processor	Intel Core i3
Speed	3.2 GHz
RAM	4 GB
Hard Disk	500 GB
Monitor	LED 18.5 inches
Computer Specification - Total No. 2	
Company Name	HP
CPU Model	Desktop 450-011
Processor	Intel Core i3
Speed	3.1 GHz
RAM	4 GB

Hard Disk	500 GB
Monitor	LED 18.5 inches
Computer Specification - Total No. 1	
Company Name	HP
CPU Model	406 G1 MT
Processor	Intel Core i7,4gen
Speed	3.1 GHz
RAM	4 GB
Hard Disk	1TB
Monitor	LED 18.5 inches
Workstation(1)	
Company Name	HP
CPU Model	HP Workstation Z230
Processor	Intel Xeon
Speed	4 GB
RAM	1*4 GB
Interactive Panel – 2	
Company Name	Interactive Panel, Make & Model: B&S Media JPM T19 19"
HP Probook Laptop - 1	
Company Name	Hp Probook 440-g2
Processor	Intel Core-i5 5200U 5th Generation
Speed	500 GHz
RAM	4 GB RAM
ROUTER(1)	
ROUTER	DSL-2750U Wireless N300 ADSL2 Router

Hardware in R&D Laboratory

Sl. No.	Hardware	Quantity
1	Galileo board	35

Addition Items in R&D Laboratory

Sl. No.	Hardware	Quantity
1	iScribe	2
2	Power point Presenter Maxbell	1
3	Visualizer	1

Software in R&D and Project Laboratories

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