

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 1
Regulation: 2024
Name of the Laboratory Subject: 24CSI101 Logical Thinking and Problem Solving

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - Raptor, CODE BLOCKS			
2.	HARDWARE - DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 1
Regulation: 2024
Name of the Laboratory Subject: 24CSI102 Digital Logic Circuits

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
3.	DUALPOWERSUPPLY/SINGLE MODE POWER SUPPLY 5V	20	25	NIL
4.	BREADBOARDS	50	400	NIL
5.	IC (7400)	50	400	Nil
6.	IC (7402)	50	400	Nil
7.	IC (7404)	50	400	Nil
8.	IC (7408)	50	400	Nil
9.	IC (7411)	50	400	Nil
10.	IC (7432)	50	300	Nil
11.	IC (7474)	50	300	Nil
12.	IC (7476)	50	400	Nil
13.	IC (7486)	50	400	Nil
14.	IC (7410)	50	400	NIL
15.	IC (7483)	30	40	NIL
16.	IC (7485)	30	40	NIL
17.	IC (74150)	15	20	NIL
18.	IC (74154)	15	20	NIL
19.	Soldering Iron	1	2	NIL
20.	Wire cutter	2	3	NIL
21.	WIRES	SINGLESTRAND	AVAILABLE	NIL
22.	LED with Resistor	50	200	NIL

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 2
Regulation: 2024
Name of the Laboratory Subject: 24CSI103 Computer Graphics

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - GIMP			
2.	HARDWARE - DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 2
Regulation: 2024
Name of the Laboratory Subject: 24CSI104 Data Structures and Algorithms

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - CODE BLOCKS			
2.	HARDWARE - DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 2
Regulation: 2024
Name of the Laboratory Subject: 24CSI105 Embedded Computing Systems

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	8086Microprocessor Trainer kit (Model:86LCD/ Rs232 cable	15	20	NIL
2.	Interface Boards stepper motor controller with motor [VBMB13A]	4	4	NIL
3.	8 Chanel ADC Interface board [VBMB003]	6	6	NIL
4.	2 Chanel DAC Interface Board [VBM002]	6	6	NIL
5.	8251 USART & 8253 Timer Interface board [VBMB004]	6	6	NIL
6.	8279 Keyboard & Display Controller Interface Board [VBMB001]	6	6	NIL
7.	8255 Interface controller [VBMB008]	6	6	NIL
8.	Traffic Light Interface	6	6	NIL
9.	PIC Microcontroller kit	2	2	NIL
10.	8051 Development Board kit	2	2	NIL
11.	Xilinx	5	5	NIL

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 2
Regulation: 2024
Name of the Laboratory Subject: 24CSV002 Disruptive Technology

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE -			
2.	HARDWARE - DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 3
Regulation: 2018
Name of the Laboratory Subject: U18ITI3202 Data Structures

Sl. No.	Name of the equipment / software	Quantity required	Quantity available	Deficiency %
1	SOFTWARE - CODEBLOCKS (FREEWARE)	Available at KCT		
2	HARDWARE DELL 3020, Intel i5 processor 3.30GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse (RAM upgraded from 4 GB to 8GB)	14	14	Nil
3	DELL 3010, Intel i5 processor 3.20GHz, 8GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse (RAM upgraded from 4 GB to 8GB)	20	20	Nil
4	Dell Optiplex 3040 MT, Intel Core i5-4590 Processor 8 GB 1600MHz DDR 3,1TB (7,200 Rpm) HDD, 18.5" LED Monitor, MS116 USB Optical Mouse, KB216B USB Keyboard	20	20	Nil
5	WorkStation Dell Precision 3620 Intel Xeon Processor E3-1226, 8GB 1600MHz DDR3 1TB HDD, 18.5" LED Monitor, 2GB Graphics Card, MS116 USB Mouse, KB216B USB Keyboard	10	10	Nil
6	Dell 9020DT, Intel i5 Processor 3020GHz, 8GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	7	7	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 3
Regulation: 2018
Name of the Laboratory Subject: U18ITI3203 Object Oriented Programming

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - JAVA DEVELOPMENT KIT, NETBEANS 8.0 (FREEWARE) Available at KCT			
2.	HARDWARE HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19" TFT Monitor	6	6	Nil
3	DELL 3010DT, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	5	5	Nil
4	HP ProDesk 400 MT, Processor i5, RAM 16GB, HDD 500GB, Monitor HP 18.5 " TFT, Graphics Card GT730 - 2 GB	24	24	Nil
5	HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19"	5	5	Nil
6	HP Workstation Z230 SFF XEONE3 1226, i7 Processor, 8GB RAM, 1TB HDD, 2GB graphics card	7	7	Nil
7	HP Workstation Z230 SFF XEONE3 1226, i7 Processor, 4GB RAM, 1TB HDD, 2GB graphics card	1	1	Nil
8	HP 280 G4 Desktop (i5-8500/Dos) Intel Core i5-8500 Processor 8GB RAM,1TB HDD	12	12	Nil
9	Dell Vostro 3669 Desktop Computer 7TH Generation Intel R CORE i5 -7400 Processor DDR4 , 400 MHZ 3.5 1 TB 7200 RPM Hard drive	4	4	Nil
10	SPR, i7, 32 GB: RAM, 500 GB: HDD, GC: G-CARD 11GB DDR5 MSI, Monitor: 17.5" TFT (GPU SYSTEM)	1	1	Nil
11	DELL Optiplex 3010, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD	6	6	Nil
12	HP 280 G1 MT, Intel Core i5, 8 GB RAM, 500 GB HDD	1	1	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 4
Regulation: 2018
Name of the Laboratory Subject: U18ITI4202 Design and Analysis of Algorithms

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - CODE BLOCKS			
2.	HARDWARE - DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 4
Regulation: 2018
Name of the Laboratory Subject: U18ITI4303 Database Management Systems

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - MYSQL/ORACLE			
2.	HARDWARE Desktop Precision 3660 Tower CTO BASE [RTX_3080-Graphics card-40] Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	35	35	Nil
3	Precision 3660 Tower CTO BASE [RTX_3070-Graphics card-40] Desktop Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	15	15	Nil
4	Precision 3660 Tower CTO BASE[RTX-3080TI] Desktop Intel Core i7-12700, 16 GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	20	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 4
Regulation: 2018
Name of the Laboratory Subject: U18ITI4204 Computer Networks

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - PACKET TRACER, WIRESHARK			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5
Regulation: 2018
Name of the Laboratory Subject: U18ITI5201 Data Mining Techniques

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - WEKA (OPEN SOURCE)			
2	HARDWARE DELL 3020, Intel i5 processor 3.30GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse (RAM upgraded from 4 GB to 8GB)	14	14	Nil
3	DELL 3010, Intel i5 processor 3.20GHz, 8GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse (RAM upgraded from 4 GB to 8GB)	20	20	Nil
4	Dell Optiplex 3040 MT, Intel Core i5-4590 Processor 8 GB 1600MHz DDR 3,1TB (7,200 Rpm) HDD, 18.5" LED Monitor, MS116 USB Optical Mouse, KB216B USB Keyboard	20	20	Nil
5	WorkStation Dell Precision 3620 Intel Xeon Processor E3-1226, 8GB 1600MHz DDR3 1TB HDD, 18.5" LED Monitor, 2GB Graphics Card, MS116 USB Mouse, KB216B USB Keyboard	10	10	Nil
6	Dell 9020DT, Intel i5 Processor 3020GHz, 8GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	7	7	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5
Regulation: 2018
Name of the Laboratory Subject: U18ITI5203 Mobile and Pervasive Computing

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - PACKET TRACER, WIRESHARK, NS2, ANDROID STUDIO			
2.	HARDWARE Precision 3660 Tower CTO BASE [RTX_3070- Graphics card-40] Desktop Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	15	15	Nil
3	Precision 3660 Tower CTO BASE[RTX-3080TI] Desktop Intel Core i7-12700, 16 GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	20	Nil
4	Desktop Precision 3660 Tower CTO BASE [RTX_3080-Graphics card-40] Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	35	35	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5
Regulation: 2018
Name of the Laboratory Subject: U18ITI5304 Software Engineering

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE – OPEN SOURCE SOFTWARE			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD,DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 6
Regulation: 2018
Name of the Laboratory Subject: U18ITI6203 Web Technology

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - NETBEANS, JDK 1.7, ECLIPSE, MYSQL, PHP			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 6
Regulation: 2018
Name of the Laboratory Subject: U18ITI6304 Big Data Analytics

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - APPACHE HADOOP TOOLS			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	40	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 7
Regulation: 2018
Name of the Laboratory Subject: U18ITI7202 Cloud Computing

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE- WINDOWS CLOUDSIM			
2.	HARDWARE - DELL VOSTRO3669 DESKTOP, INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04	40	42	NIL

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 7
Regulation: 2018
Name of the Laboratory Subject: U18ITI7203 Machine Learning

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE- APACHE HADOOP, RAPIDMINER, WEKA			
2	HARDWARE HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19" TFT Monitor	6	6	Nil
3	DELL 3010DT, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	5	5	Nil
4	HP ProDesk 400 MT, Processor i5, RAM 16GB, HDD 500GB, Monitor HP 18.5 " TFT, Graphics Card GT730 - 2 GB	24	24	Nil
5	HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19"	5	5	Nil
6	HP Workstation Z230 SFF XEONE3 1226, i7 Processor, 8GB RAM, 1TB HDD, 2GB graphics card	7	7	Nil
7	HP Workstation Z230 SFF XEONE3 1226, i7 Processor, 4GB RAM, 1TB HDD, 2GB graphics card	1	1	Nil
8	HP 280 G4 Desktop (i5-8500/Dos) Intel Core i5-8500 Processor 8GB RAM,1TB HDD	12	12	Nil
9	Dell Vostro 3669 Desktop Computer 7TH Generation Intel R CORE i5 -7400 Processor DDR4 , 400 MHZ 3.5 1 TB 7200 RPM Hard drive	4	4	Nil
10	SPR, i7, 32 GB: RAM, 500 GB: HDD, GC: G-CARD 11GB DDR5 MSI, Monitor: 17.5" TFT (GPU SYSTEM)	1	1	Nil
11	DELL OptiPlex 3010, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD	6	6	Nil
12	HP 280 G1 MT, Intel Core i5, 8 GB RAM, 500 GB HDD	1	1	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18AIE0218 Data Modeling

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - MySQL work bench			
2.	HARDWARE Precision 3660 Tower CTO BASE [RTX_3070- Graphics card-40] Desktop Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	15	15	Nil
3	Precision 3660 Tower CTO BASE[RTX-3080TI] Desktop Intel Core i7-12700, 16 GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	20	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18ITE0022 Cloud Storage Management

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - VMWARE			
2	HARDWARE HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19" TFT Monitor	6	6	Nil
3	DELL 3010DT, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	5	5	Nil
4	HP ProDesk 400 MT, Processor i5, RAM 16GB, HDD 500GB, Monitor HP 18.5 " TFT, Graphics Card GT730 - 2 GB	24	24	Nil
5	HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19"	5	5	Nil
6	HP Workstation Z230 SFF XEONE3 1226, i7 Processor, 8GB RAM, 1TB HDD, 2GB graphics card	7	7	Nil
7	HP Workstation Z230 SFF XEONE3 1226, i7 Processor, 4GB RAM, 1TB HDD, 2GB graphics card	1	1	Nil
8	HP 280 G4 Desktop (i5-8500/Dos) Intel Core i5-8500 Processor 8GB RAM,1TB HDD	12	12	Nil
9	Dell Vostro 3669 Desktop Computer 7TH Generation Intel R CORE i5 -7400 Processor DDR4 , 400 MHZ 3.5 1 TB 7200 RPM Hard drive	4	4	Nil
10	SPR, i7, 32 GB: RAM, 500 GB: HDD, GC: G-CARD 11GB DDR5 MSI, Monitor: 17.5" TFT (GPU SYSTEM)	1	1	Nil
11	DELL OptiPlex 3010, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD	6	6	Nil
12	HP 280 G1 MT, Intel Core i5, 8 GB RAM, 500 GB HDD	1	1	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18CSE0226 Network Security Administration

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - Wireshark			
2	HARDWARE - DELL VOSTRO3669 DESKTOP, INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04	40	42	NIL

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18CSE0223 Ethical Hacking and Network Defense

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - VMware, kali Linux			
2	HARDWARE - DELL VOSTRO3669 DESKTOP, INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04	40	42	NIL

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18AIE0217 Data Processing Techniques

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE – Google Colab, open source softwares			
2	DELL 9020, Intel i5 processor, 4 GB RAM, 500 GB HDD, 18'5 TFT, DVD Drive	12	12	NIL
3	DELL 3020, Intel i5 processor, 4 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	16	16	NIL
4	HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19" TFT Monitor	25	25	NIL
5	HP 280 G1, Intel i5 processor, 4GB RAM, 500GB HDD, 20" LCD Monitor, HP keyboard and Mouse	19	19	NIL

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18ITE0021 Cloud Infrastructure and Architecture

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE – VMware, Linux			
2.	HARDWARE Desktop Precision 3660 Tower CTO BASE [RTX_3080-Graphics card-40] Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	35	35	Nil
3	Precision 3660 Tower CTO BASE [RTX_3070-Graphics card-40] Desktop Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	15	15	Nil
	Precision 3660 Tower CTO BASE[RTX-3080TI] Desktop Intel Core i7-12700, 16 GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	20	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18CSE0314 3D Modelling and Game Design

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE – Unity software, Blender			
2.	HARDWARE Desktop Precision 3660 Tower CTO BASE [RTX_3080-Graphics card-40] Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	35	35	Nil
3	Precision 3660 Tower CTO BASE [RTX_3070-Graphics card-40] Desktop Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	15	15	Nil
	Precision 3660 Tower CTO BASE[RTX-3080TI] Desktop Intel Core i7-12700, 16 GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	20	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: B.Tech.
Course: Information Technology
Semester: 5&7
Regulation: 2018
Name of the Laboratory Subject: U18CSE0315 Augmented Reality and Virtual Reality
Application Development

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - Unity			
2.	HARDWARE Desktop Precision 3660 Tower CTO BASE [RTX_3080-Graphics card-40] Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	35	35	Nil
3	Precision 3660 Tower CTO BASE [RTX_3070-Graphics card-40] Desktop Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	15	15	Nil
4	Precision 3660 Tower CTO BASE[RTX-3080TI] Desktop Intel Core i7-12700, 16 GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	20	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: M.Tech.
Course: Data Science
Semester: 1
Regulation: 2024
Name of the Laboratory Subject: 24DSP501 Technical Communication in Data Science

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE – Python, SQL			
2.	HARDWARE HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19" TFT Monitor	6	6	Nil
3	DELL 3010DT, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	5	5	Nil
4	HP ProDesk 400 MT, Processor i5, RAM 16GB, HDD 500GB, Monitor HP 18.5 " TFT, Graphics Card GT730 - 2 GB	10	24	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: M.Tech.
Course: Data Science
Semester: 1
Regulation: 2024
Name of the Laboratory Subject: 24DSI502 Data Analysis and Visualization

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - Python, Power Bi			
2.	HARDWARE Desktop Precision 3660 Tower CTO BASE [RTX_3080-Graphics card-40] Intel Core i7-12700, 16GB RAM, 1 TB SSD, Dell 27 Monitor - P2722H, Dell KB522 Keyboard, Dell MS3220 Mouse.	20	35	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: M.Tech.
Course: Data Science
Semester: 1
Regulation: 2024
Name of the Laboratory Subject: 24DSI503 Artificial Intelligence and Machine Learning

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - WEKA			
2.	HARDWARE HP Elite 7100MT, Intel Core i5,4 GB RAM,320 GB HDD 19" TFT Monitor	6	6	Nil
3	DELL 3010DT, Intel i5 processor 3.20GHz, 8 GB RAM, 500GB HDD, 18'5" TFT Monitor, Dell Keyboard & Mouse	5	5	Nil
4	HP ProDesk 400 MT, Processor i5, RAM 16GB, HDD 500GB, Monitor HP 18.5 " TFT, Graphics Card GT730 - 2 GB	10	24	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: M.Tech.
Course: Data Science
Semester: 1
Regulation: 2024
Name of the Laboratory Subject: 24DSI504 Data Security and Privacy

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - Wire Shark, Metasploit			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	20	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: M.Tech.
Course: Data Science
Semester: 2
Regulation: 2024
Name of the Laboratory Subject: 24DSP507 Big data Technologies

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE – Hadoop			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	20	42	Nil

DEPARTMENT OF INFORMATION TECHNOLOGY

Degree: M.Tech.
Course: Data Science
Semester: 2
Regulation: 2024
Name of the Laboratory Subject: 24DSP508 Natural Language Processing Techniques

S. No	Description of Equipment	Quantity required	Quantity available	Deficiency %
1.	SOFTWARE - Hadoop			
2.	HARDWARE DELL VOSTRO3669 DESKTOP INTEL COREI5 PROCESSOR, 8GB RAM, 1TB HDD, DELL MONITOR, DELL KEYBOARD WITH MOUSE OS- LINUX UBUNTU16.04, WINDOWS7	20	42	Nil