

Overall Infrastructure:

Total No. of Computers available in SoCSE (ET) Laboratories	550*
Total No. of Projectors available in SoCSE (ET) Laboratories	06*
Total No. of Universal IoT KITS (for IoT Projects)	15*

*As on 2023-24 Ac. Year

CSE (Data Science, Cyber Security & IoT) Labs & the Infrastructure:

(**For Both R20 and R22 Regulations)

S.NO	NAME OF THE LABORATORY	DOMAIN	EQUIPMENTS	SPECIFICATIONS
1	DATA STRUCTURES USING PYTHON LAB	Common for DS, CyS and IoT	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
2	OPERATING SYSTEMS LAB	Common for DS, CyS and IoT	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
3	COMPUTER NETWORKS AND OPERATING SYSTEMS LAB	Common for IoT & CyS	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
4	DATA SCIENCE TOOLS & TECHNIQUES LAB	For Data Science	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
5	FULL STACK DEVELOPMENT LAB	Common for DS, CyS and IoT	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
6	JAVA PROGRAMMING LAB	Common for DS, CyS and IoT	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
7	DATA BASE MANAGEMENT SYSTEM LAB	Common for DS, CyS and IoT	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
8	STATISTICAL FOUNDATIONS OF DATA SCIENCE LAB	For Data Science (DS)	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
9	ARTIFICIAL INTELLIGENCE LAB	Common for DS, CyS and IoT	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
10	MACHINE LEARNING LAB	Common for DS, CyS and IoT	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
11	CYBER CRIME INVESTIGATION & DIGITAL FORENSICS LAB	For Cyber Security (CyS)	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
12	MOBILE APPLICATION DEVELOPMENT LAB	Common for IoT & CyS	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
13	COMPILER DESIGN AND CASE TOOLS	Common for	DELL	Intel® Core® i3 –

	LAB	IoT & CyS		9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
14	BLOCKCHAIN TECHNOLOGIES LAB	Common for DS, CyS and IoT	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
15	DATA WRANGLING AND DATA VISUALIZATION LAB	For Data Science (DS)	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
16	CYBER SECURITY ESSENTIALS LAB	For Cyber Security (CyS)	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
17	DATA ANALYTICAL LAB	For Data Science	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD
18	SENSORS & DEVICES LAB	For Internet of Things (IoT)	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
19	IOT COMMUNICATION PROTOCOLS LAB	For Internet of Things (IoT)	DELL	Intel® Core® i3 – 9100,CPU @ 2.90GHz, 8GB RAM, 1 TB HDD
20	APPLICATION DEVELOPMENT LAB	Common for DS, CyS and IoT	LENOVO	Intel® Core® 64 BIT i5 – 12400,CPU @ 2.5GHz,16GB RAM, 256 SSD HDD

Short forms: DS: Data Science, CyS: Cyber Security, IoT: Internet of Things

OUR DEPARTMENT FEW LABORATORY IMAGES

		
4009 Data Science Lab-I	4308 Data Science Lab-II	4309 Data Science Lab-II
		
1201/1 Cyber Security Lab	1201/2 Cyber Security Lab	Blockchain Technologies Lab
		
4008 Sensors & Devices Lab	IoT Universal Tool KITS (For all IoT Projects)	1202 Computer Lab (IoT)

Note: Each Laboratory is equipped with LCD Projectors, UPS Backup, Sound System and Complete AC Facility.

Overall Class Rooms and Laboratories - Infrastructure Summary Details:

S.No	Description	Quantity
1.	Total No. of Class Rooms	14*
	a)Total No. of Class Rooms with Smart Boards	04*
	b)Total No. of Class Rooms with LCD Projectors & Computer Systems	10*
2.	Total No. of Seminar Hall	01*

*As on 2023-24 Ac. Year

S.NO	BUILDING NO	FLOOR	ROOM NO	ROOM TYPE
1	B-1	2 nd Floor	1201	COMPUTER LAB (CyS Dept)
			1202	COMPUTER LAB (IoT Dept)
2	B-4	Ground Floor	4008	SENSORS & DEVICES (IOT) LAB
			4009	COMPUTER LAB (DS Dept)
3	B-4	1 st Floor	4107	HOD OF ET OFFICE ROOM
4	B-4	2 nd Floor	4201	II-CSE_DS (A) CLASS ROOM
			4202	II-CSE_DS (B) CLASS ROOM
			4203	II-CSE_DS (C) CLASS ROOM
			4204	II-CSE_CYS CLASS ROOM
			4205	GENTS TOILETS
			4206	ET Dept.- STAFF ROOM-1
			4207	II-CSE_IOT CLASS ROOM
			4208	IV_CSE_DS CLASS ROOM
			4209	SEMINAR HALL
5	B-4	3 rd Floor	4308 & 4309	COMPUTER LAB (DS Lab)
			4311	IV_CSE_CyS Class Room
			4312	IV_CSE_IoT Class Room
			4313	III_CSE_DS Class Room
			4314	LADIES REST ROOM
			4315	III_CSE_CyS Class Room
			4316	III_CSE_IoT Class Room
			4317	ET Dept STAFF ROOM-2

**The above information is as on 2023-24 Ac. Year*