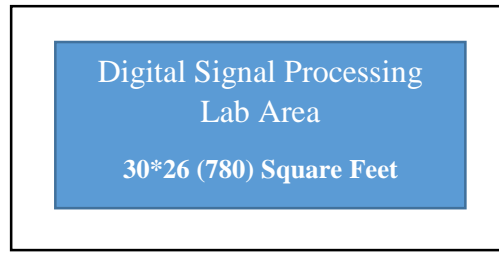


Laboratory Details of Computer Science Department

Digital Signal Processing Lab (B Wing 2nd Floor)



The Digital Signal Processing lab serves undergraduate computer science students, focusing on subjects such as Signals & Systems, Image Processing, Image & Video Processing. It is primarily utilized for hands-on practical sessions covering basic MATLAB, Simulink, Python & openCV. The lab has 32 desktop computers, each featuring an Intel Core i5 processor and 8 GB RAM. Additionally, it includes a 65-inch LED screen SENSES Smart Board connected to a desktop with an Intel Core i5 processor. All machines come pre-installed with the necessary software. The total setup cost for the laboratory amounts to Rs. **17,85,820** /-.

Major Equipment:

Sr. No	Item	Model	Description	No. of Item	
1	Desktop	HP Pro One 600 G6 22 All-in-One PC	Processor	Intel(R)Core (TM)i5 -10500T CPU @ 2.30GHz	32
			SSD	512 GB SSD	
			RAM	8GB	
			Board	Intel Motherboard	
			Monitor	IPS LED 22"	
			Mouse	HP USB Optical Sensor	
			Network	LAN, Wi-Fi	
			Keyboard	HP USB Keyboard	
			Drives	DVD_RW (R\RW)	
2	Smart Board	SENSES 65 IV2000	Processor	Intel® Core™ i5-7400CPU 3.00GHz	1
			Hard Disk	500 GB	
			SSD	128 GB	
			RAM	8GB	
			Board	Intel	
			Display	LED 65"	
			Network	LAN, Wi-Fi	
Input Method	Pen, Finger Touch				
3	Network Switch	Cisco 48 Port Switch	Ethernet Routing Switch (Catalyst 2960-x series WS-C2960X-48FPD-L)	1	
Total				34	

Laboratory Details of Computer Science Department

Sr. No	SOFTWARES	Sr. No	OTHER DETAILS	No. of Item
01	Operating Systems: - Windows 10 Pro	01	No of Chairs	33
02	Programming Languages:- C, C++, Java, Python, Node JS	02	No of Lights	16
03	Programming Languages IDE:- Code blocks, Eclipse, Python 3.12 IDLE, Anaconda 3, Jupyter Notebook, XAMPP Server, VS Code, MongoDB Compass,	03	No of Fans	04
04	Licence Software: MS Office 16 Pro Plus, Windows 10 Pro, Symantec Endpoint 14	04	No of ACs	02
05	Open Source Software: Code blocks, Eclipse, Python 3.12 IDLE, Anaconda 3, Jupyter Notebook, XAMPP Server, VS Code, MongoDB Compass, Acrobat Reader	05	CCTV Camera	01
07	Antivirus SW: - Symantec Endpoint 14	06	High-Speed LAN, Uninterrupted Power Supply Fire Safety measure	



Lab Assistant

Mr. Rajeshwar Wagh

Lab in charge

Dr. Varsha Nemade