



MALNAD COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to VTU, Belagavi)

Under the auspices of the MTES®, Hassan

Department of Computer Science & Engineering



LABORATORIES UTILIZED BY THE DEPARTMENT (Academic Year 24-25)

Computer Laboratory – 01 (CS-LAB 1 – CS203)		
Sl.No.	Major Equipment Details	Number of computers
1.	NODES(DELL) VOSTRO DT 3471- INTEL CORE I5-9400, 8 GB RAM, 1 TB HDD, 19" LED MONITOR	07
	NODES (HP) - INTEL I7 - 8700 3.2 GHz, 8 GB RAM, 1 TB HDD, 21.5" LED MONITOR	10
	NODES (LENOVO) - INTEL I5 - 4570, 8 GB RAM, 1 TB HDD, 19" LED MONITOR	8
	NODES (LENOVO) - INTEL I5 - 4570, 8 GB RAM, 500 TB HDD, 19" LED MONITOR	9
	NODES (HP) - INTEL I5 4570, 8 GB RAM, 500 GB HDD, 19" LED MONITOR	01
	VOSTRO 3020T 13 th GEN INTEL CORE I5 13400 PROCESSOR 8 GB, 8GX1, DDR4, 3200 MHz, 512GB M.2 PCLE NVME SOLID STATE DRIVE, DELL 20" MONITOR	14
	TOTAL COMPUTERS:	49
LCD PROJECTOR (EPSON) WITH SCREEN		
Operating Systems : Windows 10, Ubuntu 20.04		

Computer Laboratory – 02 (CS-LAB 2 – CS203)		
Sl.No.	Major Equipment Details	Number of computers
2.	Computers: DELL VOSTRO DT 3471- INTEL CORE I5-9400, 8 GB RAM, 1 TB HDD, 19" LED MONITOR	60
	TOTAL COMPUTERS:	60
	LCD PROJECTOR (EPSON) WITH SCREEN	
	Operating Systems : Windows 10, Ubuntu 20.04	



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Computer Laboratory – 03 (CS-LAB 3 – EE306)

Sl.No.	Major Equipment Details	Number of computers
3.	NODES (ZEBRONICS) - I5, 8 GB RAM 500 GB HDD, 18.5" LED MONITOR	10
	NODES (DELL) - INTEL I5 4570, 8 GB RAM, 500 GB HDD, 19" LED MONITOR	04
	TOTAL COMPUTERS:	14
	Operating Systems : Windows 10, Software : keil version4, flash magic	
	DIGITAL TRAINER KITS	20
	ARM7 KIT	20
	DC POWER SUPPLY	16
	DC MOTORS	40
	OSCILLOSCOPES/CRO	6
	DIGITAL ANALOG TESTER	1
	IC'S - (7486,7402,7404,7432,74151,7420,7476,7474,7483,74193,7400,7410,74138, 74153,74153)	400
	PATCH CARDS	500



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Computer Laboratory – 04 (CS-LAB 4– CS304)

Sl.No.	Major Equipment Details	Number of computers
4.	Computers: DELL VOSTRO DT 3030 (210 BKVT) – INTEL (R) CORE i5-14400 (20 MB Cache) , 10 cores, 16 threads, up tp 4.7 GHz, 16 GB RAM (8GB * 2) , DDR5 4800MT/s upto 64 GB, 512 GB M.2 PCIe NVMe solid state drive, Dell multimedia wired keyboard intel ® UHD graphics 730, Realtek Wifi 6 RTL885 2BE, 2*2, 802.11.ax, MU-MIMO, Bluetooth ® Wireless Card 20” MONITOR	50
	TOTAL COMPUTERS:	50
	LCD PROJECTOR (EPSON) WITH SCREEN	
	Operating Systems : Ubuntu 22.04 LTS	

Project Laboratory (CS303)

Sl.No.	Major Equipment Details	Number of computers
5.	Computers: DELL VOSTRO DT 3030 (210 BKVT) – INTEL (R) CORE i5-14400 (20 MB Cache) , 10 cores, 16 threads, up tp 4.7 GHz, 16 GB RAM (8GB * 2) , DDR5 4800MT/s upto 64 GB, 512 GB M.2 PCIe NVMe solid state drive, Dell multimedia wired keyboard intel ® UHD graphics 730, Realtek Wifi 6 RTL885 2BE, 2*2, 802.11.ax, MU-MIMO, Bluetooth ® Wireless Card 20” MONITOR	10
	COMPUTERS - HP INTEL CORE I7, 16 GB DDR4 RAM, 1 TB HDD, 21.5" MONITOR, WINDOWS 10 PRO PRELOADED (MODROBS)	06
	TOTAL COMPUTERS:	16
	LCD PROJECTOR (EPSON) WITH SCREEN	
	Operating Systems : Windows 10, Ubuntu 20.04	



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Computer Laboratory – 05 (CS-LAB 5– Library)

Sl.No.	Major Equipment Details	Number of computers
6.	Computers -Core I5 10th generation, 410 Motherboard - 8 GB DDR4 RAM, 500 GB SSD, Keyboard & Mouse (DELL), 20" MONITOR with Cabinet	60
	TOTAL COMPUTERS:	60
	LCD PROJECTOR (EPSON) WITH SCREEN	
	Operating Systems : Ubuntu 20.04	