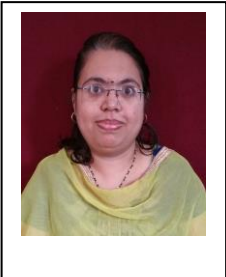
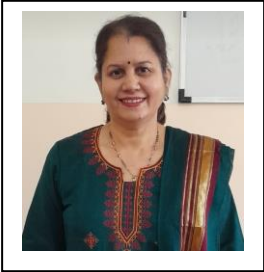


Laboratory Details


1. Computer Lab I (LEC-II)

Lab Incharge: Mrs. Varsha Ghotikar Qualification:- B.E.(E &TC) Experience:- 7 years in CCOEW, 3 years automotive experience in MES Software testing 1 year experience, years teaching experience Email id:- varsha.kulkarni@cumminscollege.in Contact No: 9890038789		
Major Equipments: (Hardware)	Ni2 Logic Universal System Development Platform (USDP),LCD Projector,LAN Trainer Kit,UPS	
Software:	Matlab 2022 a &b , Ubuntu 18.04 LTS	
Utilization:	Sem-I: -T.Y.B.Tech:- Digital Image Processing T.Y.B.Tech (Honor):- Data Science	Sem-II:- S.Y.BTech:- Machine Learning with Python


2. Computer Lab II (LEC-II)

Lab Incharge :- Mrs. Anuradha. R. Fukane Qualification:- M.E. E &TC (Signal Processing) Experience:- 6.5 years Teaching and 24.5 Years as Technical Assistant Email id:- anuradha.fukane@cumminscollege.in Contact No: 020-25311216		
Major Equipments: (Hardware)	VLSI Trainer Kits –FPGA, CPLD & Spartan 3, Spartan 6, Zynq board, Mattrix Board.	
Software:	Windows -10, Xilinx ISE Ver. 8.1 & Xilinx ISE 14.9, Xilinx Vivado 14.7, Microwind Ver.3.9, HEP-II with Modelsim & RTL simulation, Keil -5, SST, Flash magic	
Utilization:	Sem-I:- TY B Tech.- VLSI Design Tech : TY B.Tech VLSI Honor Course	Sem-II:- SY B Tech- Embedded Systems. : TY B.Tech VLSI Honor Course


3.Computer Lab III (LEC-IV)

Lab Incharge :- Mrs.Kishori C. Rajwade		
Qualification:- M.E. Electronics (VLSI & Embedded System)		
Experience:- 11 Years technical assistant		
Email id : kishori.rajwade@cumminscollege.in		
Contact No:- 020 25311206/203		
Major Equipments: (Hardware)	Computers, LCD Projector,Titan & metis kits, with dongle ADSP kit	
Software:	Windows 10 Education and Windows 7 Pro, Keil Vision 5.0 (13 licenses) , Proteus 8.16 (5 licenses), Flash Magic 5.0, SST Flash	
Utilization:	Sem-I: T.Y.B.Tech.- Advanced Processor Lab	Sem-II: S.Y.B.Tech.- Embedded System Lab


4.Computer Lab IV (LEC-V)

Lab Incharge :- Mrs. M. A. Jabde		
Qualification:- B.E. Industrial Electronics		
Experience:- 6 Months Industrial and28 Years Completed in Cummins College		
Email id:- madhavi.jabade@cumminscollege.in		
Contact No:- 9423580787 / 205-extension		
Majar Equipments: (Hardware)	--	
Software:	Ubuntu 18.04, MATLAB 2018b,Eclipse,R Studio, Windows 7	
Utilization:	Sem-I: - T.Y.BTech. – Digital Signal Processing and T.Y.BTech.(Honors) -Data Science	Sem-II:- - F.Y.BTech. –FPL-II F.Y.BTech.-Technical Skill Development


5.Project Lab (LEC-VI)

Lab Incharge :- Mrs.Kishori C.Rajwade		
Qualification:- (VLSI & Embedded System)		
Experience:- 11 years		
Email id : kishori.rajwade@cumminscollege.in		
Contact No:- 020-25311206		
Major Equipments: (Hardware)	Logic Analyzer, Universal Signal Source, DSO, Universal Programmer, Electro Hydraulic Trainer, Electro Pneumatic Trainer, Liquid Flow measurement: Turbine flow meter, Variable Power Supply with counter and Function Generator, 6 1/2 Digit Multimeter, Computers	
Software:	Windows 10 Edu	
Utilization:	Sem-I: - T.Y.B.Tech - IoT, Mechatronics, Mini Project & Seminar	Sem-II:- T.Y.B.Tech- Robotics


6.Basic Electronics Lab (LEC-VII)

Lab Incharge :- Mr. Chetan Godse		
Qualification:- B.Sc Chemistry		
Experience:- 13.3 Years Completed in Cummins College		
Email id:- chetan.godse@cumminscollege.in		
Contact No:- 020 25311208		
Major Equipments: (Hardware)	Cathode Ray Oscilloscope, Variable Power Supply, Function Generator, Digital IC Tester, LVDT Trainer Kits	
Software:	OS: Windows 10	
Utilization:	Sem-I: - Mini Project (Lab)	Sem-II:- S.Y.B.Tech:- Digital Electronics Lab

7. Analog Electronics Lab (LEC-VIII)

Lab Incharge :- Mrs.S.D. Katurde		
Qualification:- 3 years Diploma in Electronics and Telecommunications		
Experience:- 19 Years Completed in Cummins College		
Email id:- sonal.katurde@cumminscollege.in		
Contact No:- 020 25311209		
Major Equipments: (Hardware)	<ul style="list-style-type: none"> • DSO 100Mhz • Amitech make Tecno scientific RF & Microwave antenna training system 10.5 GHz and 2 GHz • LCD Projector • On Line UPS System 	
Software:	Windows 7, Windows 10, Simulation Software Multisim 11&13	
Utilization:	Sem-I: - S.Y.B.Tech:- Electronic Circuits and Applications	Sem-II:- T.Y.BTech – Computer Network security


8. Power Electronics Lab (LEC-IX)

Lab Incharge :- Mr.Vinayak P.Shinde		
Qualification:- B.E(Electronics and Telecommunication)		
Experience:- 2 Years Industrial Experience and 19 Years Completed in Cummins College		
Email id:- vinayak.shinde@cumminscollege.in		
Contact No:- 020 25311210		
Major Equipments: (Hardware)	Tekscope(Tektronix) 60 MHz, TPSE+TPCON control, On Line UPS System	
Software:	Windows 7, Windows 10, Ubuntu 18.04, Multisim 13.0	
Utilization:	Sem-I: - S.Y.BTech –Electronic Circuits and Application .	Sem-II:- T.Y.BTech - AP T.Y.BTech - Power Electronics T.Y.BTech - Computer Network security


9.Fiber Optic Communication Lab (LEC-X)

<p>Lab Incharge :- Mrs. S. V. Dole</p> <p>Qualification:- M. Tech. (Electronics and Telecommunication)</p> <p>Experience:- Industrial Experience: 3 & 1/2 Years, Technical Assistant:30 Years & Teaching:1Year</p> <p>Email id:- seema.dole@cumminscollege.in</p> <p>Contact No:- 02025311219</p>		
<p>Majar Equipments: (Hardware)</p>	<p>Optical Fiber Trainers & Kits (Bench mark OF TV 3.0) Microstrip System Trainer 850-1300Mhz (Logsun S-36R Series) Satellite Communication link(AMITECH) LCD Projector(Panasonic) On Line UPS System(UTL)</p>	
<p>Software:</p>	<p>Keil Vision 5.0(License), Flash Magic 5.89, QualNet 6.1 Proteus 8.16 (License), SST Flash Operating System : Windows 7 & 10</p>	
<p>Utilization:</p>	<p>Sem-I: - T.Y.B.Tech. – Advanced Processors Lab.</p>	<p>Sem-II:- Final Year B.Tech. – Broadband Communication Systems lab.</p>


10.Communication LabII (LEC-XI)

<p>Lab Incharge: Mrs. Varsha Ghotikar</p> <p>Qualification:-B.E. E &TC</p> <p>Experience:- 7 years in CCOEW, 3 years automotive experience in MES Software testing 1 year experience, 4 years teaching experience</p> <p>Email id:-varsha.kulkarni@cumminscollege.in</p> <p>Contact No: 9890038789</p>		
<p>Majar Equipments: (Hardware)</p>	<p>Wobbulator, Spectrum Analyzer, RF generator, DSO (100 MHz, DSO (50 MHz), Wobbuloscope, Digital TV, TV trainer kits-02 ,Mix channel oscilloscope</p>	
<p>Software:</p>	<p>OS-Ubuntu 18.04 , MATLAB 2010b</p>	
<p>Utilization:</p>	<p>Sem-I: - T.Y.B.Tech.: - Internet Of Things.</p>	<p>Sem-II:-S.Y.B.Tech:- Digital and Analog communiation</p>


11.Communication Lab I (LEC-XIII)

Lab Incharge :- Mrs. Anuradha Aamod Damle Qualification:- B. E . Electronics Experience:- 10 yrs in Cummins college. Total- 33yr exp. (5 yrs Industrial + 28yrs as TA) Email id:- anuradha.damle@cumminscollege.in Contact No:- 020 25311220		
Major Equipments: (Hardware)	Klystron based microwave Test Bench, Gunn diode based microwave test bench, DSO, Spectrum Analyzer, Signal Analyzer	
Software:	Ubuntu 16.04	
Utilization:	Sem-I: S.Y.B.Tech – Signal and Systems (TUT)	Sem-II:- T.Y.B.Tech. Biomedical Lab

12.M. Tech. lab (LEC-XII)

Lab Incharge :- Mrs. Anuradha. R. Fukane Qualification:- M.E. E &TC (Signal Processing) Experience:- 6.5 years Teaching and 24.5 Years as Technical Assistant Email id:- anuradha.fukane@cumminscollege.in Contact No: 020-25311216		
Major Equipments: (Hardware)	TMS 3206416 Trainer DSP Kit, CCD camera and USB interface, Thermal camera	
Software:	CADENCE, SINOPSYS, SIMENS MENTOR GRAPHICS HEP-II, Xilinx Vivado, MATLAB, Code Composer Studio. OS: CENTOS-7.1, Windows-10, Windows-7, Ubuntu-14	
Utilization:	Sem-I: T.Y.B.Tech. –Digital Image Processing Lab, Mini Project Honor course: Deep learning C2S project work	Sem-II:- M.Tech. –Digital Image Processing Lab Honor course: Deep learning C2S project work

13. Research Lab (LEC-I)

Lab Incharge :- Mrs. Anuradha Aamod Damle		
Qualification:- B. E . Electronics		
Experience:- 10 yrs in Cummins college. Total 33 yr exp. (5 yrs Industrial + 28yrs as TA)		
Email id:- anuradha.damle@cumminscollege.in		
Contact No:- 020 25311220		
Majar Equipments: (Hardware)	UPS, LCD	
Software:	Ubuntu 18.04, Turbo C , C++, JDK 8 and ellipse	
Utilization:	Sem-I: - S.Y.B.Tech. – Data Structures and Algorithms	Sem-II:- S.Y.B.Tech Object Oriented Programming