

## E&TC Laboratory Details

### 1. Computer Lab – I(LEC-II)

<b>Lab Incharge:</b> Mrs. Varsha Ghotikar		
<b>Qualification:-</b> B.E. E &TC		
<b>Experience:-</b> 4.5 Years as TA, 3 years automotive experience in MES Software testing 1 year experience, Faculty for 1 years for c and c++, 4 years teaching experience		
<b>Email id:-</b> varsha.kulkarni@cumminscollege.in		
<b>Contact No:</b> 9890038789		
<b>Major Equipments: (Hardware)</b>	Ni2 Logic Universal System Development Platform(USDP),LCD Projector	
<b>Software:</b>	Ubuntu 18.04 LTS	
<b>Utilization:</b>	<b>Sem-I:</b> -T.Y.B.Tec-SPOS. SY.B.Tech-DS	<b>Sem-II:-</b> S.Y.B.Tech-OOPS




### 2. Computer Lab II (LEC-III)


<b>Lab Incharge :-</b> Mrs. Anuradha. R. Fukane		
<b>Qualification:-</b> M.E. E &TC (Signal Processing)		
<b>Experience:-</b> 6 years Teaching and 21 Years as TA		
<b>Email id:-</b> anuradha.fukane@cumminscollege.in		
<b>Contact No:</b> 020-25311216		
<b>Hardware</b>	VLSI Trainer Kits –FPGA, CPLD & Spartan	
<b>Software:</b>	Windows -10, Xilinx ISE Ver. 6.3 & 8.1, Microwind Ver.3.0, HEP-II with Modelsim & RTL simulation	
<b>Utilization:</b>	<b>Sem-I:</b> - B Tech. - VLSI Design	<b>Sem-II:-</b> B Tech.-Telecom Switching Systems.




### 3. Computer Lab III (LEC-IV)

<p><b>Lab Incharge :-</b> Mrs. Preeti Shenolikar</p> <p><b>Qualification:-</b>M.E. Electronics (Digital System)</p> <p><b>Experience:-</b> 7 year teaching +1 year industrial 7 Years technical assistant</p> <p><b>Email id :</b> preeti.shenolikar@cumminscollege.in</p> <p><b>Contact No:-</b>020 25311216/203</p>				
<b>Major Equipments: (Hardware)</b>	Titan & metis kits, with dongle ADSP kit			
<b>Software:</b>	Windows 7, Keil Vision 4, MPLabX, Proteus 8.			
<b>Utilization:</b>	<p><b>Sem-I:</b> -T.Y.B.Tech.- Microprocessor and App. Final Year B.Tech- Embedded systems &amp;RTOS.</p>	<p><b>Sem-II:</b> - T.Y.B.Tech. – Embedded Processors, Mini Project.</p>		


### 4. Computer Lab IV (LEC-V)

<p><b>Lab Incharge :-</b> Mrs. M. A. Jabde</p> <p><b>Qualification:-</b>B.E. Industrial Electronics</p> <p><b>Experience:-</b> 6 Months Industrial and 25 Years as TA</p> <p><b>Email id:-</b> ma_jadbe1@yahoo.co.in</p> <p><b>Contact No:-</b>9423580787 / 205-extension</p>				
<b>Major Equipments: (Hardware)</b>	--			
<b>Software:</b>	Ubuntu 18.04, MATLAB 2018b,			
<b>Utilization:</b>	<p><b>Sem-I:</b> - T.Y.B.Tech.- Probability &amp; statistics Final Year B.Tech-ESED</p>	<p><b>Sem-II:-</b> T.Y.B.Tech.- DSP, T.Y.B.Tech.- Mini Project &amp; Seminar</p>		


### 5. Project Lab (LEC-VI)

<b>Lab Incharge :-</b> Mrs.K.C.Rajwade		
<b>Qualification:-</b> M.E. E &TC (VLSI &ES)		
<b>Experience:-</b> 7 years as Technical Assistant		
<b>Email id :</b> kishori.rajwade@cumminscollege.in		
<b>Contact No:-</b> 020-25311206		
		
<b>Major Equipments: (Hardware)</b>	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	
<b>Software:</b>	Ubuntu 18.04 LTS, Windows 10 Pro	
<b>Utilization:</b>	<b>Sem-I:</b> - S.Y.B.Tech- DE, T.Y.B.Tech- Mechatronics	<b>Sem-II:-</b> T.Y.B.Tech-Employability Skills & Mini Project, Robotics


### 6. Basic Electronics Lab (LEC-VII)

<b>Lab Incharge :-</b> Mr. Chetan Godse		
<b>Qualification:-</b> B.Sc Chemistry		
<b>Experience:-</b> 09 Years Completed in Cummins College		
<b>Email id:-</b> chetan.godse@cumminscollege.in		
<b>Contact No:-</b> 020 25311208		
		
<b>Major Equipments: (Hardware)</b>	--	
<b>Software:</b>	--	
<b>Utilization:</b>	<b>Sem-I:</b> - F.Y.B.Tech.- Basic Electronics Engg .	<b>Sem-II:-</b> F.Y.B.Tech -.E. Basic Electronics Engg.


### 7. Analog Lab (LEC-VIII)

<b>Lab Incharge :-</b> Mrs.S.D. Katurde		
<b>Qualification:-</b> 3 years Diploma in Electronics and Telecommunications		
<b>Experience:-</b> 14 Years as Technical Assistant		
<b>Email id:-</b> sonal.katurde@cumminscollege.in		
<b>Contact No:-</b> 020 25311209		
<b>Major Equipments: (Hardware)</b>	DSO 100Mhz, Amitech make Tecno scientific RF & Microwave antenna training system 10.5 GHz and 2 GHz	
<b>Software:</b>	Windows XP, Windows 10, Ubuntu 12.04, Simulation Software Multisim 11	
<b>Utilization:</b>	<b>Sem-I:-</b> S.Y.B.Tech- EDC	<b>Sem-II:-</b> S.Y.B.Tech- ICA


### 8. Power Lab (LEC-IX)

<b>Lab Incharge :-</b> Mr.Vinayak P.Shinde		
<b>Qualification:-</b> B.E(Electronics and Telecommunication)		
<b>Experience:-</b> 2 Years Industrial Experience and 15 Years as Technical Assistant		
<b>Email id:-</b> vinayak.shinde@cumminscollege.in		
<b>Contact No:-</b> 020 25311210		
<b>Major Equipments: (Hardware)</b>	Tekscope( Tektronix) 60 MHz, TPSF+TPCON control	
<b>Software:</b>	Windows 7, Windows 10,Ubuntu 14.04,Multisim 13.0	
<b>Utilization:</b>	<b>Sem-I:-</b> S.Y.BTech –EDC, T.Y.BTech - PE	<b>Sem-II:-</b> T.Y.BTeh -AP


## 9. Fiber Optic Lab (LEC-X)

<b>Lab Incharge :-</b> Mrs. S. V. Dole		
<b>Qualification:-</b> M. Tech. (Electronics and Telecommunication)		
<b>Experience:-</b> Industrial Experience: 3 & 1/2 Years, 26 Years as Technical Assistant & Teaching:1Year		
<b>Email id:-</b> seema.dole@cumminscollege.in		
<b>Contact No:-</b> 7588320285/02025311219		
<b>Major Equipments: (Hardware)</b>	<ul style="list-style-type: none"> <li>➤ Optical Fiber Trainers &amp; Kits (Bench mark OF TV 3.0)</li> <li>➤ Microstrip System Trainer 850- 1300Mhz (Logsun S-36R Series)</li> <li>➤ Optical Time Domain Reflectometer (Agilent E6000 Series)</li> <li>➤ Microwave Trainer Kit(Feedback)</li> <li>➤ Satellite Communication link.</li> </ul>	
<b>Software:</b>	Windows 7/10 , Ubuntu 16.04, Xilinx 8.1i with ISE simulator,MP Lab, Keil Vision 4, Proteus 8,Flash Magic	
<b>Utilization:</b>	<b>Sem-I:</b> - T.Y.B.Tech. – Microcontroller.	<b>Sem-II:-</b> Final Year BTech.– Broad Band Communication System.


## 10. Communication Lab-I (LEC-XI)

<b>Lab Incharge :-</b> Mrs. G.V. Deshpande		
<b>Qualification :-</b> M.E. in Electronics and Telecommunications		
<b>Experience:-</b> 12 as Technical Assistant		
<b>Email id:-</b> gauri_vinayd@yahoo.com		
<b>Contact No:-</b> 020 25311209		
<b>Major Equipments: (Hardware)</b>	Wobbulator, Spectrum Analyzer, RF generator, DSO (100 MHz, DSO (50 MHz), Wobbuloscope, Digital TV, TV trainer kits-02 ,Mix channel oscilloscope	
<b>Software:</b>	Windows XP , MATLAB 2010b	
	<b>Sem-I:</b> - T.Y.B.Tech. – Digital Communication. Engineering	<b>Sem-II:-</b> Final Year BTech-TV


### 11. Communication Lab- II(LEC-XIII)

<b>Lab Incharge :-</b> Mrs. A.A. Damle		
<b>Qualification:-</b> B. E . Electronics		
<b>Experience:-</b> 6 yrs in Cummins college. Total 29 yr exp. (5 yrs Industrial + 24yrs as TA )		
<b>Email id:-</b> anuradha.damle@cumminscollege.in		
<b>Contact No:-</b> 020 25311208		
<b>Major Equipments: (Hardware)</b>	Klystron based microwave Test Bench, Gunn diode based microwave test bench, DSO, Spectrum Analyzer, Signal Analyzer	
<b>Software:</b>	, Ubuntu 16.04	
<b>Utilization:</b>	<b>Sem-I:</b> - T.Y.BTech- ED	<b>Sem-II:-</b> S.Y.BTech-AC, Final Year BTech-RM

### 12. Signal Processing Lab (Exclusive for M.Tech.) (LEC-XII)

<b>Lab Incharge :-</b> Mrs. D.Y. Tambe		
<b>Qualification:-</b> M.E. (VLSI and Embedded System)		
<b>Experience:-</b> 25 years as Technical Assistant		
<b>Email id:</b> devyani.tambe@cumminscollege.in		
<b>Contact No:-</b> 020-25311203		
<b>Major Equipments: (Hardware)</b>	EVM Bundle ( DM 6446) (DSP + ARM) TMS 3206416 Trainer DSPKit, CCD camera and USB interface, Thermal camera	
<b>Software:</b>	Windows 7, MATLAB 2010b, TC, Latex, WinSpice , Code Composer Studio.	
<b>Utilization:</b>	<b>Sem-I:</b> - M.Tech. –Signal Processing Lab I	<b>Sem-II:-</b> M. Tech - Signal Processing Lab II

### 13. Research Lab (LEC-I)

<b>Lab Incharge :-</b> Mrs. A.A. Damle		
<b>Qualification:-</b> B. E . Electronics		
<b>Experience:-</b> 6 yrs as Technical Assistant. Total 29 yr exp. (5 yrs Industrial + 24yrs as TA )		
<b>Email id:-</b> anuradha.damle@cumminscollege.in		
<b>Contact No:-</b> 020 25311208		
<b>Major Equipments: (Hardware)</b>	----	
<b>Software:</b>	Windows 7, Turbo C , C++, JDK 8 and ellipse	
<b>Utilization:</b>	<b>Sem-I:</b> - S.Y.BTech.– DS	<b>Sem-II:-</b> S.Y.BTech.OOP