



Basic Electrical & Electronics Engineering Laboratory



Control & Instrumentation Laboratory



Power Electronics Laboratory



Electrical Machines Laboratory



Simulation Laboratory



Microprocessor lab

Control and Instrumentation Lab



Electrical Machines Lab



Basic EEE Lab



Power Electronics Lab











Microprocessor Lab



Simulation Lab



Overall Ambience:

Sr. No	Laboratory Ambience	Picturized Illustration of Laboratory Ambience
1	The department has well-furnished laboratories with advanced machines	
2	Ergonomic arrangement for students' seating, movement and cloak room facilities are available.	
3	The Department has expert Faculty members to deliver knowledge with real time examples	
4	Laboratory manuals are provided to the students for better understanding of the concepts.	
5	All laboratories are well ventilated	
6	Laboratories are equipped with white boards and computers with high speed internet connection	
7	Lighting system is very effective, utilizing natural lighting and electric lighting for the convenience of students and faculty members.	
8	Laboratory manuals contains information on vision, mission, PEO, PO, PSO, safety precautions, equipment handling instructions along with the details of the experiments are distributed to students well in advance	

Project Laboratory

Project Facilities

S. No.	Facilities Available	Purpose of Facilities	Beneficiaries	Remarks
1	Trouble shooting tools	For repair purpose	II year , III year & IV year students	For the purpose of mini projects & projects , the students are utilized thislab MOUs with the industries for JointGuidance.
2	CROs	Waveform analysis		
3	Function generator			
4	Soldering kit	Component assembling		
5	Regulated power supply	Necessary Dc supply		
6	PC with Printer	Simulating the projects		Students are privileged to utilize any facilities undersupervision. E-Journals are subscribed.
7	Simulating software's 1.MATLAB -2021B Software (MW-Campus Wide Suite (CWS)) 2.Auto CAD Electrical 2021 (Installation on up to 125 Devices)			
8	Wiring demo kit			
9	AC & DC Starter demo kit	Practical knowledge about machines & wiring		
10	Winding study motor			
11	Machine winding demo set up			
12	Live wire detector			
13	FPGA Development board SPARTAN 6	Instrument for Testing purpose		
14	ARM7-LPC2148 Development board & Robot building kit			



Project Lab Interior



Project Lab Equipment



List of Components in the Project Laboratory Storing



Multi-Purpose Soldering Device



Mini Project Display



Students Can Access During Non-working Days

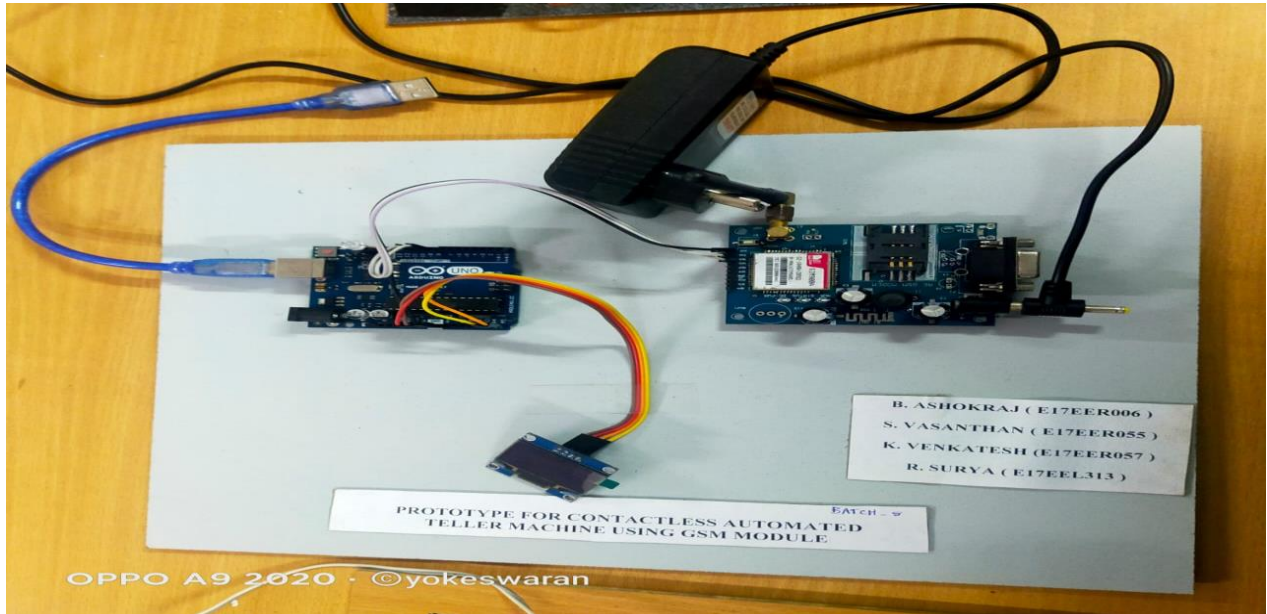
Laboratories are Operated Beyond the College Hours for the Convenience of the Students & Faculty:



Laboratories are Operated Beyond the College Hours for the Convenience of the Students & Faculty

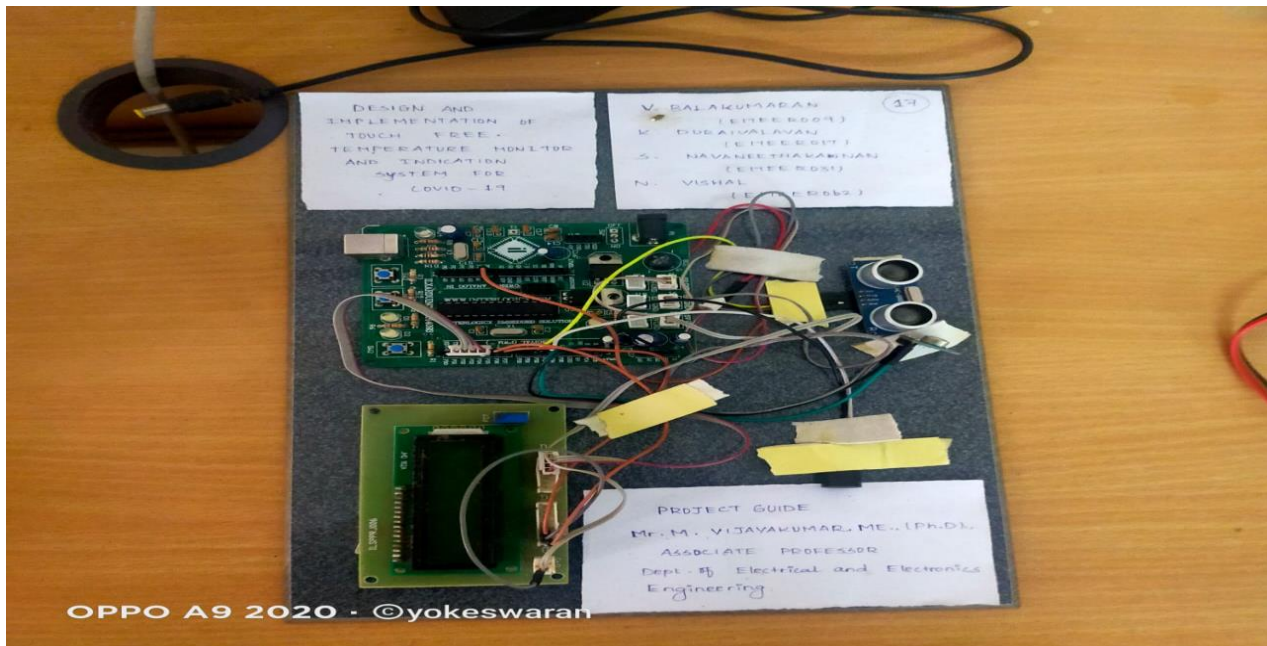
Model Project Done by Students:

1.PROTOTYPE FOR CONTACTLESS AUTOMATED TELLER MACHINE USING GSM MODULE



prototype for contactless automated teller machine using GSM module

2.DESIGN AND IMPLEMENTATION OF TOUCH FREE TEMPERATURE MONITOR AND INDICATION SYSTEM FOR COVID-19



Design and Implementation of Touch free temperature Monitor and Indication System for covid-19

3.IOT BASED LABORATORY MONITORING AND AUTOMATION



IOT Based Laboratory Monitoring and Automation

4. SPEED REGULATED ELECTRIC BICYCLE



Speed Regulated Electric Bicycle