

Mini Projects 2019-20 (During Summer 2019)

Batch No.	Roll No	Name of the student	Title of the Project	Place of work	Internal Guide	Project Type	Factors considered	Mapping with Pos and PSOs	
								POs	PSOs
A1	16R11A0420	K.Greeshma	Design of Optimized Barrel Shifter	GCET	B.J.KISHORE	Research	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A0424	K.Savitha Vaishnavi							
	17R15A0411	C.Prashanth							
A2	16R11A0406	C.Loknath	Implementation of density packed decimal encoding and decoding	GCET	O.V.P.R.S.KU MAR	Research	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A0401	A.Anoohya							
	16R11A0416	G.Mounika							
A3	16R11A0429	P.AnilKumar	Design & Implementation of an efficient 4- bit ALU	GCET	O.V.P.R.S.KU MAR	Review	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12	PSO1, PSO2
	16R11A0439	V.Sowmya							
	16R11A0426	M.VineethRaj							
A4	16R11A0444	N.Anjali	Design and analysis of pyramidal horn antenna for X-band application using HFSS	GCET	RVNL SUNIL KRISHNA	Review	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10	PSO1, PSO2
	16R11A0438	Vaishnavi Varma Alluri							
	16R11A0404	Komala Shivani							
A5	16R11A0427	M.Eswar Hemanth	System for ATM Theft detection	GCET	O.V.P.R.S.KU MAR	Product	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	17R15A0401	K.PavanKalyan							
	17R15A0412	P.Anusha							
A6	16R11A0423	K.Mahathi	Burglar alarm using Arduino	GCET	DR.B.L.PRAKASH	Application	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	16R11A0436	V.Anilkumar							
	16R11A0409	Sudeeksha							
A7	17R15A0402	E.Pooja	IR based traffic density detection and signal adjustment	GCET	M.ANAND	Application	Environment	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	16R11A0435	V.Deepthy							
	16R11A0434	Sumanth Pal							

A8	17R15A0406	P.Saikumar	Automatic Speed control of vehicle	GCET	A.SOWJANY A	Product	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO11	PSO1, PSO2
	17R15A0405	V.Bhanuprakash							
	16R11A0407	CH.Saiteja							
A9	16R11A0414	GSSRL Prasuna	Millimeter Wave Microstrip patch Antenna for 5G mobile communication	GCET	A.SOWJANY A	Review	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A0421	K.Saidikshith							
	16R11A0443	R.Sarvindh Reddy							
A10	16R11A0445	P.Praneeth Sai Kumar Reddy	Automatic Water Dispenser	GCET	CH.SANDEEP	Product	Environm ent	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	16R11A0411	D.Sharon Lilly							
	16R11A0431	S.B.S.S.Sai Phanendra							
A11	17UP5A0401	I.Sangeetha	Aurdino Based Industrial Automation control system	GCET	P.CHANDRA PRAKASH REDDY	Applicatio n	Safety	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	15R11A04L9	M.Vishal							
	16R11A0408	M.Vamshi Krishna							
A12	16R11A0415	G.N.Satya sai	Programmable load shedding	GCET	P.CHANDRA PRAKASH REDDY	Applicatio n	Cost	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	17R15A0410	B.V.Ravali							
	16R11A0403	B.Vishal							
A13	16R11A0441	V.Praneeth	Autonomous fire fighting robot using AURDINO	GCET	B.RAMU	Product	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	16R11A0432	S.Shreedha							
	15R11A0447	K.Vinay kumar							
A14	16U51A0476	G.Sai pooja	Iot based Gas leakage detector using Arduino	GCET	DR.B.L.PRAK ASH	Product	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	16R11A0446	Khaled ali Ahmed							
	16R11A0428	P.Snehitha							
A15	17R15A0404	P.Pavani	Examination room Number identification using RFID	GCET	B.RAMU	Applicatio n	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A0402	B.Akshitha							
	16R11A0425	M.Prathyusha							
A16	16R11A0410	D.Vijaya laxmi	Display board using	GCET	DR.B.L.PRAK	Applicatio	Cost	PO1,PO2,PO3,PO4	PSO1,

	16R11A0417	J.sai Prasanna	Wi-fi module		ASH	n		,PO5,PO9,PO10,P O11	PSO2
	17R15A0409	K.Rajashekar							
A17	16R11A0430	Ramesh	Smart door bell monitoring system	GCET	S.KRISHNA PRIYA	Product	Cost	PO1,PO2,PO3,PO4 ,PO5,PO9,PO10,P O11	PSO1, PSO2
	16R11A0442	Anish kumar							
	16R11A0422	V.Sai Shubang							
A18	17R15A0407	B.Ganaga	Agricultural field motor control system using GSM	GCET	S.KRISHNA PRIYA	Applicatio n	Environm ent	PO1,PO2,PO3,PO4 ,PO5,PO6,PO7,PO 9,PO10,PO11	PSO1, PSO2
	16R11A0437	V.Nithya							
	15R11A0424	K.Raviteja							
A19	16R11A0413	D.Vaishnavi	Design and analysis of V-shaped structure loop antenna using HFSS	GCET	CH.SURESH KUMAR	Review	Cost	PO1,PO2,PO3,PO4 ,PO5,PO9,PO10,P O11	PSO1, PSO2
	16R11A0408	Ch.Anoohya							

Class &Section: IV - B Section AY 2019-20

Project Type: application, product, research, review etc. Factors Considered: environment, safety, ethics, cost etc

S.No	Batch Number	Roll Numbers of the Students	Name of the student	Title of the Project	Place of work	Internal Guide	Project Type	Factors considered	Mapping with POs and PSOs	
									POs	PSOs
1	B1	15R11A04M4	K. SAI KUMAR	Design of Audio Mixer with Multiple Controls	GCET	Mr. M.Krishna	Applicati on	Safety	1,2,3,4,9	1
		16R11A0460	K. ATHUL TEJA							
		16R11A0491	V BHARAT CHARY							
2	B2	16R11A0461	K. NAVEEN KUMAR	FPGA Implementation of Traffi Light Controller based on Traffic Density	GCET	Ms. G. Sreelakshmi	Applicati on	Cost	1,2,3,4,9	1
		16R11A0471	M.V. SRAVYA SREE							
		17R11A0418	D. MEGHNA							
3	B3	16R11A0494	Y. MANIDWEEP SHARMA	Design of Flash ADC using Improved Comparator Scheme	GCET	Mr. Ch.Sandeep	Research	Cost	1,2,3,4,9	1
		17R115A0416	VASANTHA KULKERNI							
		16R15A0413	SAI KUMAR							

4	B4	16R11A0451	B. TULASI	Design of Accident Avoidance System in Vehicles using Arduino	GCET	Ms. B.Sreelatha	Application	Cost	1,2,3,4,9	1
		16R11A0482	SHIVA VENKAT SAI RAM							
		16R11A0487	T. SAI SUNNY							
5	B5	15R11A04J4	B. RAJESH	Design of Finger Print Based Car Starter using GSM Module	GCET	Prof. K.Somasekhara Rao	Application	Safety	1,2,3,4,7,9	1
		16R11A0480	M. HARINI							
		16R11A0490	V. VAMSI							
6	B6	16R11A0457	SHIVA REDDY	Advanced Car Parking System using Arduino	GCET	Mr. Ch.Sandeep	Application	Safety	1,2,3,4	1
		16R11A0458	PAVANI REDDY							
		16R11A0483	MOKSHA TEJA							
7	B7	16R11A0449	A. SHASHANK	Implementation of an Automated Railway Gate Control System	GCET	Prof. K.Somasekhara Rao	Application	Safety	1,2,3,4,9	1
		16R11A0453	B. BINDU SAI							
		16R11A0489	V. ASHWINI							
8	B8	16R11A0465	K. PRANAV BHASKAR	Automatic Certificate Generation using MATLAB	GCET	Dr. S Spandana	Application	Safety	1,2,3,4,9	1
		16R11A0496	BHARGAV RISHI							
		16R15A0417	G. RAJU							
9	B9	16R11A0455	D. AISHWARYA	Grading of Rice Grains	GCET	Prof. S Bujanga Rao/ Mr. A.Shankar	Application	Safety	1,2,3,4,9	1
		16R11A0492	V. SNIGDHA							
		17R15A0421	M. SWAMY							
10	B10	16R11A0463	K. TARANI	Design Proporsal of Geo Location Guide using RF and 8051 Microcontroller	GCET	Ms. M.Laxmi	Research	Cost	1,2,3,4,7,9	1,2
		16R11A0464	K. SAI DHANRAJ							
		16R11A0466	K. SWAPNA							
11	B11	16R11A0468	M. SWATHI	Detection of Plant Leaf Disease and Classification using RBF Classifier	GCET	Dr. CV Narasimhulu	Research	Cost	1,2,3,4,9	1
		17R15A0415	PRASANNA LAKSHMI							
		17R15A0413	V. RAKESH							
12	B12	15R11A04M1	RAVI PRAKASH	Implementation of Solar Powered Voice Controlled ROBOT	GCET	Prof. K.Somasekhara Rao	Application	Safety	1,2,3,4,9	1
		16R11A0459	JITENDRA SINGH TOMAR							
		17R15A0417	VULLENGALA NIHARIKA							

13	B13	16R11A0450	ALESHIA A	Vehicle Theft Detection and Engine Locking using Arduino and GSM Module	GCET	Prof. S Bhujanga Rao/ Mr. A.Shankar	Applicati on	Safety	1,2,3,4,9	1,2
		17R15A0419	KUSUMA SRI							
		17R15A0422	ROHITH							
14	B14	16R11A0472	BODENDRA REDDY	FPGA Implementation of Car Parking System	GCET	Ms. G. Sreelakshmi	Applicati on	Safety	1,2,3,4,9	1,2
		16R11A0473	P. ADARSH REDDY							
		16R11A0481	S. SAI HARSHITHA							
15	B15	16R11A0452	SUHAS BACHU	Implementation of Power Optimization in Test Pattern Generation Techniques for BIST Application	GCET	Mr. B.Jugal Kishore	Research	Cost	1,2,3,4,9	1,2
		16R11A0470	KHALED PASHA							
		16R11A0488	VISHWA PRAKASH CHARY							
16	B16	16R11A0467	M. SREEJA REDDY	Patient Monitoring System	GCET	Mr. Ch.Sandeep	Research	Safety	1,2,3,4,7,9	1
		16R11A0469	MINAL HIRA							
		16R11A0475	RAJEEV P							
17	B17	16R11A0462	K. HIMESH BHARADWAJ	RF-ID Based Attendance System	GCET	Ms. J Mrudula	Product	Cost	1,2,3,4,9	1
		16R11A0484	SHAIK ABDUL REHMAN							
		16R11A0495	V RAHUL NAIK							
18	B18	16R11A0456	VINEETH DONTULA	Home Automation using Raspberry Pi and Node.js	GCET	Mr. Ch.Sandeep	Product	Cost	1,2,3,4,9	1,2
		16R11A0493	UDAY SAI VEMULA							
		17R11A0420	DURGA PRASAD REDDY							
19	B19	16R11A0474	SURYA TEJA	Gesture Controlled Vehicle	GCET	Ms. B. Sree Latha	Product	Safety	1,2,3,4,7,9	1
		16R11A0476	NIHAR SRI TEJA							
		16R11A0485	SUBRAT MOHANTY							
20	B20	16R11A0478	SHRAVAN RAGI	Finger Print Based Electronic Voting Machine using Arduino	GCET	Mr. M.Anand	Product	Cost	1,2,3,4,9	1
		16R11A0479	ANURADHA							
21	B21	15R11A04C0	Y. NAVYA SREE	Shielding Grains from Pests	GCET	M. Laxmi	Applicati on	Safety	1,2,3,4,7,9	1
		16R11A0486	LOHIT KUMAR							

IV B.Tech (ECE) SECTION-C									
B.No	Roll No	Name of the Student	Title of the project	Organization	Internal Guide allotted	Project Type	Factors Considered	Mapping with Pos and PSOs	
Section C								POs	PSOs
C1	16R11A04A7	Ch.Satya Kiran	Arduino Based ultra sonic Distance Meter	GCET	Dr. RS. Raju	Application	Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04D4	T.Ajay Naveen							
	16R11A04C2	M.Hari Prasad							
C2	16R11A04E0	V Chandana	ATMEL 89C51 Mirocontoller Based Mobile Charger Using a Coin	GCET	V. Sirisha	Application	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	15R11A0469	Neeraj Paul							
	17R15A0425	M. Rajasri							
C3	16R11A04A0	A Suchita	Object Detection Using IR Sensor and Targeting system using Laser Diode	GCET	B. Suneetha	Application	Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	17R15A0423	V Sandeep Reddy							
	15R11A0478	J Bhargav Rosham							
C4	16R11A04B5	J. Karthik	Mobile Detector Using Transmitter and Receiver using 89C51 controller	GCET	Dr. RS. Raju	Application	Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04B6	K. Raju							
	16R11A04A9	E. Naveen Kumar							
C5	16R11A04B3	H. Varun	Resonant Induction Based Cell Phone Charger	GCET	B. Suneetha	Application	Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04A3	B.V. Prateek							
	17R15A0430	N. Vinay Kumar							
C6	16R11A04C4	M.Sanjay	Muscle Stimulator for Multiple Ailments using 89C51 Microcontroller	GCET	V. Sirisha	Product	Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04C1	L.Shravan							
	16R11A04A2	Vamsi Krishna							
C7	16R11A04C0	K. Karthik	Wireless Electronic Notice Board Using RF Module	GCET	Dr. P. Vijai Bhaskar	Product	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04A6	C. Rajesh							
	16R11A04B7	K.Venkat Reddy							

C8	16R11A04D1	A.Sri Nitya	Arduino Based Car Parking System	GCET	Dr. V. Satya Srinivas	Application	Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04E3	A .V.S. Raghuv eer							
	16R11A04C6	N. Abinav							
C9	17R15A0429	N.Moulika	Design and Simulation Helical Antenna using HFSS	GCET	Ch. Suresh Kumar	Research / Review	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A0499	A.Rahul							
	17R15A0424	R.Bhaskar							
C10	16R11A04D6	P.Vamshi Krishna	Design and Simulation of Circular Patch Antenna with Nazi Shape Slot for C-Band Application	GCET	P. Naresh Kumar	Research / Review	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04D0	S.Saiguru Kiran							
	16R11A04B1	G. Gautham							
C11	16R11A04D7	V.H.R. Srikar	Wireless Control of DC Motors using Arduino and PWM Techniques	GCET	Dr. RS. Raju	Application	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04B2	G.Vamshi Krishna							
	15R11A0438	N. Avinash							
C12	16R11A04E1	K. Ashish	Design and Simulation of UART Serial Communication Module Based on Verilog HDL	GCET	Mr. Jugal Kishore	Application	Speed	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04B0	E. Nagaiah							
	16R11A04C9	M.Raja Vamshi Krishna							
C13	16R11A04E2	K.Himasri	Design and Simulation of Concentric Circle Slotted Microstrip patch antenna	GCET	P. Naresh Kumar	Research / Review	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04C8	P.Sai Teja							
	15R11A0416	J.Vignesh							
C14	16R11A04A5	A.Shanmukha Vamshi	Design of a Microstrip Patch Antenna for Dual-band Applications	GCET	Dr.V.Satya Srinivas	Research / Review	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04E4	M.Praneetha							
	15R11A0443	O.Ajay							
C15	16R11A04D9	R.Sowmya	Passowrd Based Door Locking System Using ATMEL 89C51 Microcontroller and Smartcard	GCET	J. Mrudula	Application	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04C3	M.Tejaswi							
	16R11A04D5	V.Venu Kumar							
C16	16R11A04A1	A Varsha	Design and Simulation of PIFA Antenna	NSIC	Ch. Suresh Kumar	Application	Cost	PO1, PO3, PO5, PO7, PO8, PO9,	PSO1, PSO2
	16R11A04C7	E.Naveen singh							

	16R11A04D3	T . Harish						PO10, PO11	
C17	16R11A04B4	J. Divya	Earth Quake Detection Using Arduino and MEMS	GCET	Dr. P. Vijai Bhaskar	Application	Environment, Cost, Safety	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04D8	Y. Manasa							
	16R11A04A2	P. Sumanth							
C18	16R11A0497	A. Kaushik	Turbine Speed Measurement and Control Using Arduino	GCET	Dr.V.Satya Srinivas	Application	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A0498	A. Badrinath							
	16R11A04B9	K. Harika							
C19	16R11A04A8	D. Vijay Kumar	Sun Tracking Solar Pannel Using Arduino Nano	GCET	Dr. P. Vijai Bhaskar	Application	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04B8	A. Prasad							
C20	16R11A04C5	N. Akhil	Design and Analysis of Pyramidal Horn Antenna for X-band Applications	GCET	RVNR. Suneel Krishna	Research / Review	Cost	PO1, PO3, PO5, PO7, PO8, PO9, PO10, PO11	PSO1, PSO2
	16R11A04D2	A.Srinija							

Project Type: application, product, research, review etc. Factors Considered: environment, safety, ethics, cost etc. IV ECE - Section D

Batch No.	Roll No	Name of the student	Title of the Project	Place of work	Internal Guide	Project Type	Factors considered	Mapping with Pos and PSOs	
								POs	PSOs
D1	16R11A04H0	N.Swetha	Smart Security Based Home	GCET	V. Savithri Padma Priya	Application	Safety	1,2,3,4, 5,9,10,11,12	1,2
	16R11A04J3	Prithvi Gopal							
	16R11A04K2	Yochana Y							
D2	16R11A04H7	Revanth Reddy	detection of Fake Curerncy using Image Processing	GCET	V. Savithri Padma Priya	Application , review	Safety,ethic	1,2,3,5, 6,9,10,11,12	1,2
	16R11A04G0	K Ramya Sree							
	16R11A04G1	K Shashi Kumar							
D3	16R11A04F3	Ch Mounika	Digital notice board using raspberry pi	GCET	A. Subramanya m	Application	Cost	1,2,3,4,5, 6,9,10,11,12	1,2
	16R11A04G3	Naveen Kumar Y							
	16R11A04F7	G Pruthvi Reddy							
D4	16R11A04G6	M Pravallika	Soil moisture detection and Water pump control using arduino and Bluetooth	GCET	M. Uma Rani	Application ,product	Environmen t,Cost	1,2,3,4,5, 6,9,10,11,12	1,2
	16R11A04H3	S Pranay							
	17R15A0431	D Jai Sai Kishore							
D5	16R11A04G5	Varun Reddy	Innovative Hidden things locator using	GCET	M. Uma Rani	Application ,product	Environmen t,Safety	1,2,3,5, 6,9,10,11	1,2
	16R11A04F2	C Ravi Shashank							

	16R11A04F0	B V Kaushik	wireless technology						
D6	16R11A04J2	V Akhila	Smart delivery system using arduino	GCET	Dr.S. Suryanarayana	Application	Cost	1,2,3,4,5,9,10,11,12	1,2
	16R11A04J5	V Raviteja							
	16R11A04F5	D Chakshu Sai Kumar							
D7	16R11A04F1	B Smruthi	Electronic guide for provisions in super bazar	GCET	Dr.S. Suryanarayana	Application,review	Cost	1,2,3,5,6,9,10,11,12	1,2
	16R11A04G4	K Shashank							
	16R11A04F9	Madhusudhan Reddy							
D8	16R11A04G8	M Swarna Latha	Water level detection and control using 555 timer IC	GCET	Dr.S. Suryanarayana	Application, product	Environment, Cost	1,2,3,5,6,9,10,11	1,2
	16R11A04G7	G Sravani							
	16R11A04F6	D Raghuvaran							
D9	16R11A04K1	Shabnam	Density based traffic signalling using arduino & IR sensors	GCET	M. Sowjanya	Application	Cost	1,2,3,4,5,9,10,11,12	1,2
	17R15A0435	B Nitish							
	16R11A04E5	A Dheeraj							
D10	17R15A0434	K Sujatha	Voice based home appliances control	GCET	M. Sowjanya	Application,review	Safety, Cost	1,2,3,4,5,9,10,11,12	1,2
	16R11A04H5	S Nag Nishitha							
	16R11A04J0	T Sai Hrushikesh Reddy							
D11	16R11A04H2	P Bhagyaraj	Drunken Driving Vehicle Avoiding System using Arduino	GCET	S. Jyothirmaye	Application,product	Safety,Ethic	1,2,3,5,6,9,10,11	1,2
	16M1A0430	B Sai Bhavani							
	16R11A04E8	A Pavan							
D12	16R11A04H4	S Manasa	Automatic water Dispenser	GCET	S. Jyothirmaye	Application	Environment, Cost	1,2,3,4,5,9,10,11,12	1,2
	16R11A04J7	V Sandhya Rani							
	16R11A04F4	Ch Sruthi							
D13	16R11A04E7	A Divya Sri	Sun Tracking Solar Panel	GCET	Y. Naga Lakshmi	Application	Environment, Cost	1,2,3,4,5,6,9,10,11,12	1,2
	16R11A04G9	N Sahithi							
	15R11A04C6	B Keerthi Sai							
D14	16R11A04E6	A Bhavana	Temperature and humidity monitoring using Arduino	GCET	M. Krishna	Application	Environment, Safety	1,2,3,4,5,9,10,11,12	1,2
	17R15A0432	C Swathi							
	16R15A0403	K Sairam							
D15	16R11A04J1	U Narasimha	Remote controlled switch board	GCET	A. Subramanyam	Application,product	Cost	1,2,3,4,5,6,9,10,11,12	1,2
	16R11A04G2	K Navya Reddy							
	15R11A0423	K Sai Kamal Tej							
D16	16R11A04H1	Poornima Shastry	Automatic Street Light	GCET	Y. Naga	Application	Cost	1,2,3,5,6,	1,2

	16R11A04H6	Shaik Nazma Begum	Control System for power saving		Lakshmi	,product		9,10,11	
	17R15A0433	D Kishore							
D17	16R11A04K0	P Darshani	RFID based Door Access Control using Arduino	GCET	D. Venkatrami Reddy	Application	Safety,Cost	1,2,3,4,5,9,10,11,12	1,2
	16R11A04E9	B Divya Rani							
	15R11A0436	Manish Gowde							
D18	16R11A04J4	V Shankar Rao	RFID based Attendance System using GSM	GCET	D. Venkatrami Reddy	Application ,review	Safety,Cost	1,2,3,5,6,9,10,11,12	1,2
	16R11A04J8	Y Vamshi							
	15R11A04B5	Shravan							
D19	16R11A04J9	V Pruthvika	Voice Controlled ROBOT using Arduino	GCET	B. Hari Kumar	Application ,product	Cost	1,2,3,5,6,9,10,11	1,2
	16R11A04H8	S Sai Kumar							

BatchNo.	Roll No	Name of the student	Title of the Project	Place of work	Internal Guide	Project Type	Factors considered	Mapping with Pos and PSOs	
								POs	PSOs
E1	16R11A04N1	M.Sri Harsha	Design and implementation of 8 bit multiplier using AMS	GCET	B. Mamatha	Research	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04L1	E.ArunReddy							
	16R11A04N2	M.Sravya							
E2	16R11A04L4	Lakshmi Kanth	Road Accident detection using GPS and GSM	GCET	P. Sudhakar	Product	safety	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04L5	Jatin Ekbote							
	17R15A0446	Madhan							
E3	16R11A04N7	P.Arvind Kumar	Multilevel Fire Monitoring System	GCET	P. Sudhakar	product	safety	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO12	PSO1, PSO2
	16R11A04K3	A.Manikanta Reddy							
	16R11A04P8	P.Navya							
E4	16R11A04K8	D.Vinay Reddy	Advanced Footstep Power Generation	GCET	U. AppalaRaju	product	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10	PSO1, PSO2
	16R11A04N4	Mohammed Fazil							
	17R15A0448	M.Chandana							
E5	16R11A04N6	D.Anirudh	Bluetooth Controlled Metal Detecting Robot	GCET	U. AppalaRaju	Product	cost	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	16R11A04K5	B.Varsha							
	16R11A04N8	Praneeth Kumar Jain							

E6	16R11A04K6	C.Akanksha	Latent Fingerprint Enhancement Using Adaptive Hybrid	ECIL	R.Odaiah	Application	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	17R15A0440	D.Soujanya							
	17R15A0443	R.Sai Sumanth							
E7	16R11A04M2	K.V.Madhulika	Automatic Water Dispenser Using Arduino	Arunodaya	R.Odaiah	Application	Environment	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	17R15A0442	P.Srikanth							
	17R15A0445	T.Harshavardhan							
E8	16R11A04M1	K.Pradeep Reddy	Innovative Hidden things Locator using Wireless Technology	GCET	M. Krishna Chaitanya	Product	Safety	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO11	PSO1, PSO2
	16R11A04L7	K.Anirudh							
	16R11A04L3	G.Sai Kalyan							
E9	16R11A04P4	K.Arthi	Automatic Plant Irrigation System	GCET	M. Krishna Chaitanya	Review	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04K7	C.Divya							
	16R11A04N0	M.Sagar							
E10	16R11A04K4	B.Snehith Reddy	Voice Based Notice Board Using WIFI	GCET	L. Kavya	Product	cost	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	16R11A04P9	T.Sri Devi							
	17R15A0447	B.Sunil kumar							
E11	16R11A04L2	G.Sumanjali	Live Temperature and Humidity Monitor Using IOT and IFTTT	GCET	L. Kavya	Application	Safety	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04L8	K.Avinash Manohar							
	16R11A04M9	M.Yeshawanth							
E12	16R11A04P0	S.Vishnu Teja	Design Impletation and Performance Analysis Full Adder based and Hybrid Magnitude Comparator Circuit Using CADENCE Tool	Central Institute for Tool Design (CITD)	B.Mamatha	Application	Cost	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
E13	16R11A04K9	D.Priyanka	Design and Implementation of ALU using FPGA	ECIL	Y. Siva Rama Krishna	Product	cost	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11	PSO1, PSO2
	17R15A0439	Prasanth							
	15R11A0464	Revanth							

E14	16R11A04L9	K.Haridrashwa	Virtual Display of Message using Arduinio	GCET	Y. Siva Rama Krishna	Product	cost	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	16R11A04N5	P.Srikar Reddy							
	16R11A04M4	B.Anjaneyulu							
E15	16R11A04N9	Rashmi Tadas	Morse Code Transmisssion and Reception Using "Arduino"	GCET	K. Victor	Applicat ion	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04M8	Harsha Maddi							
	16R11A04M3	M.V.Naresh							
E16	16R11A04P7	Lalitha Yamini Vattem	Remote Temperature Monitoring and Control System in Data Centers	GCET	Dr. CV. Narasimhulu	Applicat ion	safety	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04P2	Soniya Tumati							
	16R11A04M6	Praveen Kumar.C							
E17	16R11A04N3	M.Chandra Shekhar	Edge Detection and Avoidence ROBOT	GCET	K. Victor	Product	Cost	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04L6	J.Praveen Kumar							
	17R15A0444	S.Kiran Kumar							
E18	16R11A04M5	B.Sumanth Reddy	Speed Control Using Colour Sensor	GCET	S. Yagna Sree	Product	Safety	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04M7	M.Sai Prakash							
E19	16R11A04P1	T.Venkat Kumar Swamy	Advanced Traffic Signalling System for Ambulance	GCET	Dr. CV. Narasimhulu	Applicat ion	safety	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9,PO10,PO11	PSO1, PSO2
	16R11A04P6	K.Dishhiraa							
	17R15A0438	C.H.Santhish Kumar							
E20	16R11A04M0	K.Samritha	Arduinio Based security for ATM accesses using finger print and GSM Technology	GCET	S. Yagna Sree	Review	Enviro nment	PO1,PO2,PO3,PO4,PO5,PO9,PO10,PO11	PSO1, PSO2
	16R11A04P3	V.Bhuvana Kruthi							
	16R11A04J6	V.Avinash							