

Geethanjali College of Engineering and Technology

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Cheeryal(V), Keesara(M), Medchal Dist., Telangana – 501 301.

Technical Clubs for the Academic Year: 2019-20

Geethanjali College of Engineering and Technology
Cheeryala (V), Keesara (M), Medchal Dt. Telangana – 501301

Electronics and Communication Engineering Department.

Date : 23.5.2020

Subject : Report on the Four week Peer learning program on Development of Projects using Arduino by 2nd year ECE students to 1st year ECE students – Details of the first two week training, under the students' club "Srujanastra".

Duration : 11.5.2020 to 23.5.2020

Objective : To provide training to 1st year ECE students by 2nd year ECE students as a Peer learning program, on Arduino Projects development methods.

Under the students club "Srujanastra", a Peer learning program was conducted. 14 ECE 2nd year students gave this training to 82 ECE 1st year students using Tinkercad simulation program and explained various projects, as listed below.

2nd year students who gave training:

S. No.	Name	Roll No.	Section	Phone No.	Training taken for
1	G Rohith Sai	18R11A0419	ECE 2-A	6302963656	ECE 1A (11 students)
2	Ch. V G Prasad Varma	18R11A0408	ECE 2-A	8919111832	
3	P Vinod Kumar	18R11A0436	ECE 2-A	8328061548??	
4	Y Saketh Kumar	18R11A0446	ECE 2-A	9515728378	ECE 1A & 1E (11 students)
5	M Keerthana	18R11A0432	ECE 2-A	7095631735	
6	K SaiSreeram	18R11A0429	ECE 2-A	6304544796	
7	G R S Sridivya	18R11A04M1	ECE 2-E	9182056487	
8	S Ramya	18R11A0488	ECE 2-B	9010647692	ECE 1B (29 students)
9	G Akhila	18R11A0463	ECE 2-B	6304558614	
10	S Ruchiswa	18R11A0490	ECE 2-B	7997802120	
11	G Hasya	18R11A04A8	ECE 2-C	9177754066	ECE 1C (16 students)
12	T Meghana	18R11A04J6	ECE 2-D	8179627795	ECE 1D (15 students)
13	K Raj Krithin	18R11A04J2	ECE 2-D	6302385181	
14	M Aditya	18R11A04E6	ECE 2-D	9381552351	

1st year students who took the training:

S. No.	Batch No.	Name	Roll No.	Section	Project identified
1	A1	M Jyothi	19R11A0425	ECE 1-2A	Basic Mathematical Quiz using Arduino
2		M Harsh Vardhan	19R11A0426		
3	A2	N Dayanidhi	19R11A0424		Sun Tracking Solar Panel using Arduino.
4		S Rohith	19R11A0441		
5	A3	J Sowjanya	19R11A0414		Intelligent Smart Home

54	C6	P Sai Ganesh	19R11A04D3		Water conservation system
55		MSV Sampath	19R11A04C4		
56		ARM Prathyusha	19R11A0497		
57	D1	B R Madhavi	19R11A04E5	ECE 1-2D	Foot-step power generation using Piezo Sensors
58		T Sravani	19R11A04J7		
59		T Vasavi Sri Lakshmi	19R11A04J9		
60	D2	M Shivani	19R11A04H2		Ultrasonic Secrecy
61		P Pooja Sree	19R11A04H8		
62		P Sruthi	19R11A04H9		
63	D4	K Divya Reddy	19R11A04G6		Solar Tracker
64		Y Praneetha	19R11A04K2		
65		Ch Akshitha	19R11A04F0		
66	D6	B Ankitha Manisri	19R11A04E7		Home Alarm System
67		Ch Sruthi	19R11A04F2		
68		I Asritha	19R11A04G3		
69	D9	R Prerna	19R11A04J2		Smart Blind stick
70		P Kathayayani	19R11A04J1		
71		Shaik Sameena Yasmeen	19R11A04J5		
72	A5/E5	G Abhinav	19R11A04M0	ECE 1-2E	Automatic water tank
73		M Ranga Rakesh	19R11A0422	ECE 1-2A	
74	E1	KVKS Sriharsha	19R11A04M9	ECE 1-2E	Sensor practice kit
75		S Siddhartha	19R11A04P3		
76	E2	P Harika	19R11A04M3		Smart tap
77		S Anusha	19R11A04P1		
78	E3	M Kalyana Ramanuja Swami	19R11A04N1		Parking lot status system
79		V Shravani Reddy	19R11A04P9		
80		V Vivek Naik	19R11A04P8		
81	E4	V Sree Harsha	19R11A04P7		Smart street lights
82		Ch Tulasi	19R11A04L2		


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The details of the training topics, dates and students present, are given below.

S. No.	Date	To which section class is taken	students attended	students absent	Resource persons names	Timings of the class conducted	APP used	Topics covered	Assignment given?
1	11-05-2020	1A	10	0	G Rohith, Prasad, Vinod	2:00-3:30 pm	goto meeting	basics on arduino.tinkercad ,interfacing led,ldr	automatic lights on and off with ldr
2	11-05-2020	1B	21	6	G.Akhila, S.Ramya, S.Ruchishwa	10am-12pm	Goto meeting	Basics on Arudino,Tinkercad tool, LED blink	Controlling of 3 LEDs
3	11-05-2020	1C	19	3	G.Haasya	2:50-4:30 pm	Zoom	Basics on Arudino,Tinkercad tool, LED blink ,LED RGB	Controlling of 3 LEDs with given specification
4	11-05-2020	1D	25	0	T.Meghana, M.Aditya,Raj Krithin.K	2:45-4:10 pm	Cisco Webex	Brief description of Arduino Board, Tinkercad Tool.	None
5	11-05-2020	1E	12	0	M.Keerthana ,K.Sai Sreeram, Y. Saketh	2:00-3:30 pm	Goto meeting	Basics on Arduino,Tinkercad,LED interfacing	LED interfacing with switch
6	12-05-2020	1A	7	3	Rohith,Vinod ,Prasad	2:00-3:30	goto meeting	automatic brightness control using ldr,pushbttton,rgb	traffic lights using rgb
7	12-05-2020	1B	26	1	G.Akhila, S.Ramya, S.Ruchishwa	10am-12pm	Goto meeting	Potentiometer, Push button, Slide switch	Counting the number of push button pressings
8	12-05-2020	1C	20	2	G.Haasya	3 pm to 5 pm	Zoom	RGB, Reading from Serial Monitor, analog read &write	Increasing and decreasing Brightness of LED using analog write, Blink LED's for the given decimal values between0-4
9	12-05-2020	1D	22	3	T.Meghana, M.Aditya,Raj Krithin.K	2:40-4:20 pm	Cisco Webex	Arduino basic functions, LED blinking, Switch operations.	Connect 3 LEDs (analog/digital), 6LEDs using 3 switches(2 LEDs for each switch)
10	12-05-2020	1E	13	0	M.Keerthana ,K.Sai Sreeram, Y.Saketh	2:00-3:45 pm	Goto meeting	LDR, RGB, Push button interfacing	Controlling of Led with push buttons, LDR.
11	13-05-2020	1A	7	3	Rohith, Prasad,	3:00-4:30	Goto meeting	sliding switch,7 segment display	practice the same

					Vinod	pm	g		
12	13-05-2020	1B	26	1	G.Akhila, S.Ramya, S.Ruchishwa	10pm- 12pm	Goto meetin g	LDR, RGB, Piezo buzzer interfacing	Controlling RGB using LDR values
13	13-05-2020	1C	15	7	G.Haasya	3 to 5 pm	Zoom	Potentiometer, Push Button, Piezo- Buzzer	Switch the LEDs ON when a respective push- button is pressed, Create a new color using RGB LED
14	13-05-2020	1D	21	4	T.Meghana, M.Aditya, Raj Krithin.K	2:40- 4:20 pm	Cisco Webex	RGB LED, Temperature Sensor, Photoresistor, PIR Sensor, Piezo Buzzer.	Create 3 different color combinations with respect to Temperature sensor indication, LED should glow if, a movement is observed in PIR Sensor.
15	13-05-2020	1E	11	2	M.Keerthana ,K.Sai Sree ram, Y.Saketh	2:00- 3:40	Goto meetin g	Buzzer, PIR sensor, Servo motor	Interface buzzer, PIR and Servo motor
16	14-05-2020	1A	6	4	Rohith, Prasad, Vinod	3:00- 4:30	goto meetin g	PIR sensor&7 segment display	shopping mall using PIR
17	14-05-2020	1B	23	4	G.Akhila, S.Ramya, S.Ruchishwa	10- Dec	Goto meetin g	PIR sensor&7 segment display	Displaying 1-9 numbers using 7- segment display
18	14-05-2020	1C	19	3	G.Haasya	3 pm to 5 pm	Zoom	PIR, LDR, Temp. Sensors	Glow the respective LED's for the given specification of temperature
19	14-05-2020	1D	17	8	T.Meghana, M.Aditya, Raj Krithin.K	2:45 - 4:50	Cisco Webex	7-segement display(not code), LCD display(11 inbuilt functions with code)	Display 0 to 10 on LCD display and using temperature sensor/PIR sensor/LED RGB using LCD, display their respective outputs.
20	14-05-2020	1E	11	2	M.Keerthana ,K.Sai Sree ram, Y.Saketh,G. Sri vidhya	2:30- 4:10 pm	Google meetin g	Temperature sensor, Tilt sensor and a small review on all the components covered	Implementing Traffic control system

21	15-05-2020	1A	11	0	Rohith, Prasad, Vinod	3:00-5:00 pm	goto meeting	ultrasonic sensor, tilt sensor, (basics for new people)	seconds counter using 7 segment display
22	15-05-2020	1B	22	5	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	Goto meeting	Temperature sensor, Tilt sensor	Interface of temperature sensor and tilt sensor and buzzer
23	15-05-2020	1C	19	3	G.Haasya	3 pm to 5 pm	Zoom	Ultrasonic Sensor, gas Sensor, tiltSensor, 7 Segment Display	to implement binary counter using 7-segment Display,
24	15-05-2020	1D	15	10	T.Meghana, M.Aditya, Raj Krithin.K	2:45-4:10 pm	Cisco Webex	Ultrasonic Distance Sensor, Gas Sensor	
25	15-05-2020	1E	11	2	K.Sai Sreeram, Y.Saketh, G.Sri vidhya	2:00-3:45 pm	Google meeting	Binary counter, 7-segment display	to implement binary counter or 7-segment display
26	16-05-2020	1A	11	0	Rohith, Prasad, Vinod	3:00-4:30 pm	goto meeting	no class (only doubts session)	doubts about discussed topics and tasks
27	16-05-2020	1B	22	5	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	goto meeting	Gas sensor, Ultrasonic sensor	Interface of gas sensor, ultrasonic sensor, bulb/buzzer/LED
28	16-05-2020	1C	17	5	G.Haasya	3:00-4:15 pm	zoom	LCD (11 functions) and doubts clarification	automatic street light, functions of LCD
29	16-05-2020	1D	16	10	T.Meghana, M.Aditya, Raj Krithin.K	2:45-3:20 pm	Cisco Webex	Revision of the week & Doubt Clarification	NONE
30	16-05-2020	1E	11	2	K.Sai Sreeram, Y.Saketh, G.Sri vidhya, M.Keerthana	2:30-4:00 pm	Google meeting	Gas sensor, Ultrasonic sensor	To create a model using Gas sensor, Ultrasonic sensor, buzzer and LEDs
31	18-05-2020	1A	11	0	Rohith, Prasad, Vinod	3:00-4:30 pm	goto meeting	dc motor, servo motor	interfacing dc motor
32	18-05-2020	1B	21	6	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	goto meeting	DC motor, introduction to LCD	Interface of 2 dc motors
33	18-05-2020	1C	13	8	G.Haasya	3:00-4:05 pm	zoom	Dc motor, servo motor	Think innovative tasks of their own
34	18-05-2020	1D	13	13	T.Meghana, M.Aditya, Raj Krithin.K	2:45-4:15 pm	Cisco Webex	Remaining LCD inbuilt functions and 7-Segment Display along with the code	Using 7-segment display count from 9 to 0.

35	18-05-2020	1E	12	1	K.Sai Sreeram, Y.Saketh, G.Sri vidhya, M.Keerthana	2:30-4:00 pm	google meeting	DC motor, introduction to LCD	Interfacing of DC motors
36	19-05-2020	1A	11	11	Rohith,Prasad,Vinod	3:00-4:30 pm	goto meeting	interfacing lcd, keypad	basic calculator using LCD and keypad
37	19-05-2020	1B	21	6	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	goto meeting	Doubts in DC motor, LCD	Interface of 2 DC motors and LCD to control speed
38	19-05-2020	1C	20	2	G.Haasya	3:00-5:00 pm	zoom	keypad, Presentation of their tasks	Tasks of their own using the explained concepts
39	19-05-2020	1D	12	14	T.Meghana, M.Aditya, Raj Krithin.K	2:40-3:40 pm	Cisco Webex	GSM modules and different sensors Preview.	NONE
40	19-05-2020	1E	11	2	K.Sai Sreeram, Y.Saketh, G.Sri vidhya, M.Keerthana	2:30 - 4:00 pm	Google meeting	Interfacing of LCD	Interfacing DC motors and LCD with Arduino
41	20-05-2020	1A	11	0	Rohith,Prasad,Vinod	3:00-4:30 pm	goto meeting	ir sensor ,ir remote	home automation
42	20-05-2020	1B	15	12	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	Goto meeting	Servo motor, IR remote sensor	Interface of IR remote sensor with DC motor/led/buzzer
43	20-05-2020	1C	19	3	G.Haasya	3:00-5:00 pm	zoom	IR Remote& presentation of their tasks	Tasks of their own using the explained concepts
44	20-05-2020	1D	13	13	T.Meghana, M.Aditya, Raj Krithin.K	3:15-4:4 pm	Cisco Webex	DC motor & Servo Motor	Display the angles of the Servo Motor in Serial Monitor till 60/90/120
45	20-05-2020	1E	10	3	K.Sai Sreeram, G.Sri vidhya, M.Keerthana	2:00-3:30 pm	Google meeting	Controlling IR sensor with remote and Discussion on the previous tasks	To create a model using IR sensor and remote
46	21-05-2020	1A	11	0	Rohith,Prasad,Vinod	3:00-4:30 pm	goto meeting	relays ,switches	recreation of explained circuits
47	21-05-2020	1B	15	12	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	Goto meeting	IR sensor code, Vibration sensor	Interface of servo motor and 2 LEDs with IR sensor
48	21-05-2020	1C	19	3	G.Haasya	3:00-4:30 pm	zoom	vibration motor, introduction to relay(not the code),presentation of their tasks	Tasks of their own using the explained concepts

49	21-05-2020	1D	13	13	T.Meghana, M.Aditya, Raj Krithin.K	2:45- 4:30 pm	Cisco Webex	Discussion of projects and doubt clarification of previous tasks	Come up with their projects according to their batches.
50	21-05-2020	1E	11	0	K.Sai Sree ram, Y.Saketh, G.Sri vidhya, M.Keerthana	10:00- 11:30 am	Google meetin g	Relays, switches and a small preview on all components	To decide the project for execution,
51	22-05-2020	1A	11	0	Rohith, Prasad, Vinod	3:00- 4:30 pm	goto meetin g	discussion about projects and doubts session	none
52	22-05-2020	1B	18	9	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	Goto meetin g	Keypad and IR sensor	password based door lock system using keypad
53	22-05-2020	1C	17	5	G.Haasya	3:00- 4:30 pm	zoom	Relays, Neopixel Ring, presentation of their tasks	Tasks of their own using the explained concepts, To decide the project for execution
54	22-05-2020	1D	10	16	T.Meghana, M.Aditya, Raj Krithin.K	2:45- 4:40 pm	Cisco Webex	Doubts clarification & discussion of projects.	To give brief about the project
55	22-05-2020	1E	7	4	K.Sai Sree ram, Y.Saketh, G.Sri vidhya, M.Keerthana	2:00- 3:00 pm	Google meetin g	Doubt clarification & discussion of projects.	Project execution
56	23-05-2020	1A	9	2	Rohith, Prasad, Vinod	3:00- 4:30 pm	goto meetin g	doubts session	none
57	23-05-2020	1B	20	7	G.Akhila, S.Ramya, S.Ruchishwa	10 am to 12 noon	Goto meetin g	Keypad and doubts clarification	None
58	23-05-2020	1C	16	2	G.Haasya	3 pm to 5 pm	zoom	conducted a quiz and few activities, doubts explanation	
59	23-05-2020	1D	8	18	T.Meghana, M.Aditya, Raj Krithin.K	2:45- 4:30 pm	Cisco Webex	Asked them the review about the training.	NONE.
60	23-05-2020	1E	5	6	K.Sai Sree ram, Y.Saketh, G.Sri vidhya, M.Keerthana	2:00- 3:00. pm	Google meet	Doubt clarification & discussion of projects.	NONE..

The feedback from the students is attached below:

The points are:

- A: The Lecture was applicable to my area of interest
- B: The material was presented in an organized manner
- C: The program was well placed within the allotted time
- D: The instructor was good communicator
- E: The Workshop improved my understanding of the topics
- F: The Resource person was knowledgeable on the topics
- G: I understood the concepts presented in the workshop
- H: The knowledge and skills I learned will be useful to me in my professional career
- I: I would attend other workshop offered by this facilitator in future

A	B	C	D	E	F	G	H	I	What did you most appreciate/enjoy/think was best about the lecture?	Any suggestions for improvement?	NAME	Roll number	Year	Section
3	3	3	3	3	3	3	3	3	Working on it	No	Harika p		I	E
4	5	5	5	5	4	5	4	5	All	No	Sangani Siddhartha		I	E
4	4	4	4	4	4	4	4	4	Understanding concepts	None	CVG PRASAD VARMA		II	A
3	3	3	3	3	3	3	3	3	Tinkercad software was the best, and I enjoyed experiencing all the sensors and displays virtually.	NO	Harsha kvk		I	E
4	4	4	5	5	5	4	4	4	interaction with them was good...we asked our doubts comfortably without hesitation.	No.	Vivek naik vankudoth		I	E
5	5	5	5	5	5	5	5	5	It creates enthusiasm and makes to work creatively	No	Vadloori Jayasri		I	C
5	5	5	5	5	5	5	5	3	Motors and ir sensors .	-	Sree harsha v		I	E
5	4	5	3	4	4	3	5	4	Seniors' teaching juniors is the best part	Need to cover few basics nevertheless everything went well	Abhinav. G		I	E
5	5	5	5	4	5	4	5	4	Knowing whether we understood or not and repeating as many times till our doubt gets clarified and telling everything in	No...	V.Shravani Reddy	19R11A04P9	I	E

										detail.					
1	1	1	1	1	1	1	1	1	1	ALL THE WORKSHOP TOPICS	NULL	T.HARSHA SAI TARANG	19R11A04E0	I	C
4	4	4	4	4	4	4	4	4	4	Leaving arduino, making projects	Nope	Tulasi	19R11A04L2	I	E
3	4	4	4	5	5	3	4	4		.	Anusha	19R11A04P1	I	E	
5	4	5	5	5	4	5	4	4		Being able to apply things as soon as you learn it	None	M.Kalyab	19R11A04N1	I	E
3	3	4	5	3	4	3	5	4		Doing tasks in different ways	No	G. Shirisha	19R11A04B1	I	C
5	4	5	4	5	5	5	5	4		The different types application of the arduino.	None	G Shree Chandana	19R11A04A9	I	C
5	5	5	5	5	5	5	5	5		Each and every minute thing was the best	practical sessions	SANDHYA YENIMIREDDY	19R1A04E4	I	C
4	5	5	4	5	5	4	4	5		Best lecture	Ntg	Abhishek	19R11A04H6	I	D
5	5	5	5	5	5	5	5	5		-	Nothing	Tanniru sravani	19R11A04J7	I	D
2	5	5	5	5	4	5	3	4		They are jovial , friendly and shared their knowledge with us.	No	Y.Praneetha	19R11A04K2	I	D
5	5	5	5	5	5	5	5	5		I appreciate the ability to built friendly relationship with students and presentation of matter in a clear and logical sequence. Thank you.	Nothing.	P.Sruthi	19R11A04H9	I	D
3	3	3	3	3	3	3	3	3		Taking review from us every time whether the concept was understood or not	The timing was lengthy if it would be mrng 1 hour and even an hour it would be easy even though we understood very nice about the concept but just a small suggestion	Akshitha Cheerla	19R11A04F0	I	D

5	5	5	5	5	4	4	4	4	4	It was an Interactive session .	-	T.Vasavi sri lakshmi	19R11A04J9	I	D
5	5	5	5	5	5	5	5	5	5	Very interesting to know about Arduino	Extending workshop for some time	BAKI REDDY GARI MADHAVI	19R11A04E5	I	D
5	5	5	5	5	5	5	5	5	5	Learning something new and interactive sessions	No	Ankitha Beeram	19R11A04E7	I	D
3	4	4	4	3	4	3	3	3	3	Deep explanation with patience	No	Divya	19R11A04G6	I	D
4	4	3	5	3	3	3	3	3	3	.	.	Ashritha inturi	19R11A04G3	I	D
5	5	5	5	5	5	5	5	5	5	All the lecture is enjoyed well..	-----	REDDY RAJULA UDAY KIRAN	19R11A04J3	I	D
4	4	4	5	4	5	4	5	5	5	-	-	M.Shivani	19R11A04H2	I	D
5	5	5	5	5	4	4	5	4	5	Friendly interaction	No..	P.Pooja sree	19R11A04H8	I	D
5	5	4	5	5	5	4	5	5	5	Good and friendly explanation	Need some more classes	SaiTejasvi Kotha	19R11A04D7	I	C
4	4	5	5	5	5	4	5	5	5	She is very free to discuss anything about the topic	No	Thoorpu Sahaja	19R11A04E1	I	C
4	4	3	4	4	4	4	5	4	5	Nothing	No	Boda Niharika	19R11A04A2	I	C
4	5	5	5	4	4	4	5	5	5	The way they talk and clarify our doubts	Should had explain us the basics a bit	Rakesh	19R11A0422	I	A
4	5	5	5	4	4	4	5	5	5	Passion	Nil	P.Bhavya sai	19R11A0434	I	A
4	4	4	4	4	4	4	4	4	4	None	None	Medari dayanidhi	19r11a0424	I	A
5	5	5	5	5	5	4	4	4	4	teamwork	little more push up for experimental thinking	GRS.Srividyaa	18R11A04M1	II	E
4	4	4	4	4	4	3	4	4	4	Tasks	-	M.Jyothi	19R11A0425	I	A
1	1	1	1	1	1	2	2	1	1	Applications	.	Sravan	19R11A0415	I	A
3	3	5	5	5	5	5	5	3	3	No	no	L.sandeep	19R11A0475	I	B
4	5	4	4	4	4	4	4	4	4	Coding	NA	M. Srinivas	19R11A0478	I	B
5	5	5	5	5	5	5	5	5	5	Good teaching	No	Kampati Naithika sree	19R11A0473	I	B
3	3	3	3	3	3	3	3	3	3	All	No	MOLUGU SAISRUTHI	19R11A0480	I	D
5	5	5	5	5	5	5	5	5	5	project ideas using different sensors and components	NA	V.Sumanth Kumar Reddy	19R11A0494	I	B

1	1	1	1	1	1	1	1	1	1	Task	No	M.Akhila	19R11A0477	I	B
4	4	5	5	4	5	4	4	4	4	I appreciate the seniors who made best effort to make us trained on this platform. I am really thankful to you seniors.	Everything is appropriate !	G. Srividya	19R11A0463	I	B
4	4	4	4	4	4	4	4	4	4	Good	No	K AKASH	19R11A0469	I	B
5	5	5	5	5	5	5	5	5	5	Interaction and clarifying our doubts at any time	N/A	Hemant katta	19R11A0467	I	B
5	4	5	5	5	4	5	4	4	4	The way they interact with us and the way they explained	Na	B.Rachana	19R11A0453	I	B
3	3	3	3	3	3	3	3	3	2	Explanation about different sensors , etc	NA	Kaushik	19R11A0495	I	B
4	4	5	5	4	5	4	4	4	5	Na	Na	S.G.Surupa	19R11A0489	I	B
3	3	3	3	3	3	3	3	3	3	Clear explanation	.Nthg	Harini	19R11A0466	I	B
3	3	3	3	3	3	3	3	3	3	Simulation	NA	Sai Harshith Reddy M	19R11A0491	I	B
5	4	3	4	2	4	4	5	5	5	Doing coding by myself	No	B. Sai Chandralekha	19R11A0452	I	B
3	3	3	3	3	3	3	3	3	3	NA	NA	Hemanth	19R11A0486	I	B
5	5	5	4	5	5	4	5	5	5	Communication	Nothing	Ch . lavanya	19R11A0458	I	B
5	5	5	5	5	5	5	5	5	5	It's easily understandable	None	G. Gayathri	19R11A0462	I	B
5	5	5	5	5	5	5	5	5	5	Coding part	NA	Vineesha	19R11A0459	I	B
3	2	3	3	3	3	3	3	3	3	Ntg	Ntg	Saieshwar	19R11A0450	I	B
3	3	3	3	3	3	3	3	3	3	Everything	NA	Manasa		I	B
5	4	5	5	5	5	4	5	5	5	The session was interesting	Instead of virtual presentation of line could be more better	Rohith sheripally	19R11A0441	I	A
3	3	3	3	3	3	3	3	3	3	It is useful in daily life applications	Nothing	Naveen	19R11A0481	I	B
5	5	5	5	5	5	5	5	5	5	All the lecture	No	Jaswanth	19R11A0484	I	B
5	5	5	5	5	5	5	5	5	5	Everything	No	Akshaya	483	I	B
2	2	3	1	2	2	3	1	2	2	NA	NA	Sai tanush	19r11A0493	I	B
4	4	4	4	4	5	4	4	4	3	Increasing creativity	No	Uday sri	19R11A04C0	I	C
5	5	5	5	5	5	5	5	5	5	Interactive and works they assign us.	-	M. HARSHA VARDHAN	19R11A0426	I	A
5	5	4	5	5	5	4	4	4	4	The way sister explained us is really good. The best two	Nothing, the workshop is	A.R.A Prathyusha	19R11A0497	I	C

									things are her explanation and interaction with us.	good, we Just loved it				
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The overall feedback percentage is $2456/67/9 * 20 = 81.46$

Follow up activity: The 1st year students have to do the selected projects in the college, once college is reopened, under the guidance of the 2nd year students.

Outcome : The 1st year students learnt the various methods of simulating the Arduino projects using Tinkercad software.

Linking with POs and PSOs : This training is linked to POs :1,2,3,4,5,6,7,9,10,11,12. PSOs: 1 & 2.

Prepared by : Prof. K S Rao, Head- Group IV Team.

Copy to : HoD, ECE

To : ECE 2nd year students who are the resource persons for this training.

PRINCIPAL
 Govt Engineering College of Science and Tech.
 P. O. No. 10, Mysore (K. S. Road) Dist. (K. S. Road) 570 001

6		P Vaishnavi	19R11A0433		automation using Arduino
7	A4	P Bhavya Sai	19R11A0434		Piano with push buttons using Arduino.
8		CKBS Sri Vathsa	19R11A0408		
9	A5	K Sravan Seervi	19R11A0415		Finger Print unlock system using Arduino.
10		B Kalyan Varma	19R11A0404		
11		Y Venkata Sravya	19R11A0448		
12		VKR Koteswar	19R11A0495	ECE 1-2B	Temperature detector along with fire alert system
13	B1	Ch Lavanya	19R11A0458		
14		A Sai Eshwar Chowdary	19R11A0450		
15	B2	M Sai Harshith Reddy	19R11A0491		obstacle avoiding Robot
16		V Sumanth Kumar Reddy	19R11A0494		
17		K Akash	19R11A0469		
18	B3	G Harini	19R11A0466		LRD sensor
19		G Gayatri	19R11A0462		
20		B Sai Chandralekha	19R11A0452		
21	B4	P Sri Sai Rahul	19R11A0487		Car alert system
22		P Jaswanth	19R11A0484		
23	B5	M Saisruthi	19R11A0480		Smart Home
24		K Naithka Sree	19R11A0473		
25		G Sri Vidya	19R11A0463		
26	B6	M Akhila	19R11A0477		smart mall
27		Ch Vineesha	19R11A0459		
28		V Sumanth Kumar Reddy	19R11A0494		
29	B7	B Rachana	19R11A0453		Door lock using IR remote
30		P Akshaya	19R11A0483		
31		T Sai Tanush	19R11A0493		
32	B8	S G Surupa	19R11A0489		RC car using IR sensor
33		V Anusha	19R11A0496		
34		P Hemanth	19R11A0486		
35	B9	L Sandeep	19R11A0475		security panel system
36		M Srinivas	19R11A0478		
37		N Naveen Kumar	19R11A0481		
38	B10	K Hemanth	19R11A0467		Jumping men game using LCD
39	B11	P Sahith Reddy	19R11A0490		To be finalized
40		R Manasa Veena	19R11A0488		
41	C1	K Uday Sri	19R11A04C0	ECE 1-2C	Project based on lifi
42		V Jaya Sri	19R11A04E2		
43	C2	G Shree Chandana	19R11A04A9		Security Alarm
44		T Sahaja	19R11A04E1		
45		Y Sandhya	19R11A04E4		
46	C3	G Neela Meghana	19R11A04C9		Vehicle alert accident system
47		M Sai Sarath Chandra	19R11A04C1		
48		G Shirisha	19R11A04B1		
49	C4	T Harsha Sai Tarang	19R11A04E0		Home automation
50		P Shashivignesh	19R11A04D1		
51		Mohd Taha Raheel	19R11A04C7		
52	C5	K Sai Tejasvi	19R11A04D7		Arduino alarm clock
53		B Niharika	19R11A04A2		

Sve