

**G. Narayanamma Institute of Technology and Science (for women)**

**CFEPD Workshop, Session 1, Day 1**

**Attendance Sheet - 10th, 11th, 12th August 2018**

Roll No.	Name	Sessions Attended (3)
1 16251A0401	A. G. Sai Niharika	3
2 16251A0402	B. Divya	3
3 16251A0404	B. Mounika	3
4 16251A0411	D. Archana	3
5 16251A0412	G. Maneesha	3
6 16251A0416	G. Deepthi	0
7 16251A0421	K. Meghana Rajya Lakshmi	3
8 16251A0423	K. Deekshitha Bhuvanewari	3
9 16251A0428	M. Sravanthi	1
10 16251A0434	M. Vennela	3
11 16251A0435	M. Sunanda	3
12 16251A0438	P. Sree Brinda	3
13 16251A0441	P. Yashaswini	3
14 16251A0443	R. Madhulatha	3
15 16251A0445	S. Dhatri Venkata Valli	3
16 16251A0447	S. Apurva	3
17 16251A0457	Tadem Sanjana	3
18 16251A0459	T. Tejaswini	3
19 16251A0460	Tirumala Tejasa Yalla	3
20 17255A0405	B. Manushna	3
21 15251A0460	P. Preethi	
22 16251A0461	A. Akanksha Reddy	3
23 16251A0462	Srushna Akkaldevi	0
24 16251A0463	Ambati Priya Bhargavi	3
25 16251A0466	B. Srisha Reddy	3
26 16251A0467	Balakavi Sri Divya	3
27 16251A0469	B. Srilekha	3
28 16251A0471	B. Manisha	3
29 16251A0472	B. Nikhila Vynayaki	3
30 16251A0473	Ch. Usha Sai	3
31 16251A0474	Ch. Ramya Vasundahra	3
32 16251A0475	Sunishitha Reddy Chinthala	3
33 16251A0476	D. Mounika	3
34 16251A0479	Ganneni Sivani	3
35 16251A0480	G. Bhuvana Sri	2
36 16251A0482	G. Chandra Mounika	3
37 16251A0484	K. Navya	1
38 16251A0488	Kota Asmitha	3
39 16251A0490	K. Reethika	3
40 16251A0491	L. Bhanu Chandrika	3

41	16251A0493	M. Reethu	3
42	16251A0495	Mysi Bhargavi	3
43	16251A0499	P. Spandana	2
44	16251A04A0	P. Maneesha	3
45	16251A04A1	R. Ramya Reddy	3
46	16251A04A2	Ravirala Sowmya Sree	3
47	16251A04A3	Pranaya Ravula	3
48	16251A04A4	Regalla Prathyusha	3
49	16251A04A6	S. Shyam Sowjanya	3
50	16251A04A7	S. Anantha Lakshmi Saroja	3
51	16251A04A9	Tallada Harika	3
52	16251A04B0	T. Lakshmi Preethi	3
53	16251A04B3	Thogaru Meghana	3
54	16251A04B4	Priyanka Vangala	3
55	16251A04B5	V. Sahithi	3
56	16251A04B6	Meghana Vadikari	3
57	16251A04B7	Alekhya Vadnala	3
58	16251A04B8	Y. Kavya	3
59	16251A04B9	Y. Laxmi Hinduja	3
60	16251A04C0	Y. Sai Asritha	3
61	17255A0413	Sana	3
62	17255A0414	P. Lakshmi Priyanka	3
63	17255A0416	S. Bhavani	3
64	17255A0417	G. Deepika	3
65	17255A0418	Pudi Tanuja	3
66	17255A0419	Enapothula Pravalika	3
67	17255A0420	P. Dharani	3
68	17255A0421	Chennuri Sathvika	3
69	17255A0423	Jangam Rumala Shivani	3
70	17255A0424	B. Kasthuri Prabhavathi	3
71	16251A04C2	Akshara Reddy	2
72	16251A04C4	Ayesha Siddikha	3
73	16251A04C5	B. Prathyusha	3
74	16251A04C7	B. Supriya	3
75	16251A04C8	B. Pranavi	3
76	16251A04C9	B. Bhavya Harshika	3
77	16251A04D0	C. Mukthawali	3
78	16251A04D1	Ch. Naga Harshita	3
79	16251A04D2	Devireddy Bhuvana Lakshmi	3
80	16251A04D3	D. Swati	3
81	16251A04D4	Eetoori Sai Sreeja	3
82	16251A04D8	Ganta Sujatha	3
83	16251A04D9	G. Anusha	3
84	16251A04E0	G. Indira	3

85	16251A04E1	I. Thirupathamma	3
86	16251A04E5	J. Krishna Sindhu	3
87	16251A04E6	K. Sai Prathusha	3
88	16251A04E8	K. Nirupama	3
89	16251A04F0	Maanasa	3
90	16251A04F1	Mayreddy Pravalika	3
91	16251A04F2	M. Pravalika	2
92	16251A04F3	Mohammad Mubashira Nuzhath	3
93	16251A04F4	M. Sai Divya	3
94	16251A04F5	N. Jyothsna	3
95	16251A04F6	Padmavathi	2
96	16251A04F8	Pendota Amulya	3
97	16251A04F9	P. Sindhu	3
98	16251A04G2	P. R. Priyadarshini	3
99	16251A04G5	Salma	3
100	16251A04G6	S. Ramandeep Kaur	3
101	16251A04G7	Simran Virani	3
102	16251A04G9	T. Mounika	0
103	16251A04H0	T. Haritha	3
104	16251A04H1	T. Sandhya	3
105	16251A04H2	Thota Shravani	3
106	16251A04H4	V. Sindhu Varsha	2
107	16251A04H5	Vanguri Anusha	2
108	16251A04H6	Wasia Shirin	3
109	16251A04H7	Y. Sai Sindhu	3
110	16251A04H8	Y. Vaishnavi	3
111	16251A04H9	Y. Keerthana	1

B.S. Reddy  
13/8/18

13/8/18

**G. Narayanamma Institute of Technology and Science (for women)**  
**CFEPD Workshop, Session 1**  
**Report**

Date: 14/08/2018

ECE Department of G. Narayanamma Institute of Technology and Science launched the first ever, one of a kind Electronic Product Development workshop on the 10th of August 2018. It is a 45 day workshop, extended all along the academic year. The first week of the workshop was conducted for 3 days from 10th to 12<sup>th</sup>, August which covered a vast range of topics from steps for developing a product to programming of a micro-controller.

The first session of the first day saw the small opening ceremony followed by the introduction to the course structure for the day and the following two days. Following this was a mini brainstorming session to come up with a basic idea for a product. Next we went into the course, covering the first few steps of product development in detail. The second session started where the first session ended, covering the rest of the steps for product development. The second session ended with an overview of the next day's session.

The second day started with an introduction to some of the micro controllers followed by an interlude about the different communication protocols. There upon, the micro-controller ATTiny 45 was explained in detail and we started coding for a basic project. In the session, the coding continued and later we were taught the coding of the ATTiny 45 using Arduino.

On the third day, the first session covered theory related to Printed Circuit Boards (PCB) which included the steps and the different kind of materials used for PCB making. Subsequently, we designed a small circuit using an op-amp and an LDR which was later designed digitally to be printed on a circuit board using the "Eagle CAD" tool. In the second session of the third day, the designed PCBs were printed. Later we were instructed by the mentors about the etching process. This was followed by drilling and soldering of the components. And there we had, our first PCB made from the scratch!!

*B. S. Shetty*  
14/08/18

G. Narayanamma Institute of Technology and Science (for women)

CFEPD Workshop, Session 2, Day 21

Attendance Sheet - 08/09/2018

	Roll No.	Name	Name Corrections if Any	Signature
1	16251A0401	A. Niharika	A.G. Sai Niharika	Niharika
2	16251A0402	B. Divya	-	Divya
3	16251A0404	B. Mounika	<del>B. Mounika</del>	Mounika
4	16251A0411	D. Archana	-	Archana
5	16251A0412	G. Maneesha	-	Maneesha
6	16251A0416	G. Deepthi	-	Deepthi
7	16251A0421	K. Meghana Rajya Lakshmi	-	K. Meghana
8	16251A0423	K. Deekshitha	K. Deekshitha Bhudaneswari	Deekshitha
9	16251A0428	M. Sravanthi	-	Sravanthi
10	16251A0434	M. Vennela	-	Vennela
11	16251A0435	M. Sunanda	-	M. Sunanda
12	16251A0438	P. Sri Brinda	P. Sree Brinda	Brinda
13	16251A0441	P. Yasaswini	P. Yashaswini	Yasaswini
14	16251A0443	R. Madhulatha	-	R. Madhulatha
15	16251A0445	S. Dhatri	S. Dhatri Venkata Valli	Dhatri
16	16251A0447	S. Apurva	-	Apurva
17	16251A0457	T. Sanjana	Tadana Sanjana	Sanjana
18	16251A0459	T. Tejaswini	<del>T. Tejaswini</del>	Tejaswini
19	16251A0460	Y. T. Tejasa	Tejasmala Tejasa Yalla	Tejasa
20	17255A0405	B. Manusha	B. Manusha	Manusha
21	15251A0460	P. Preethi	-	P. Preethi
22	16251A0419	Enapothula Pravallika	Enapothula Pravallika 17255A0405	Enapothula Pravallika
23	17255A0421	Chennuri Sathvika	Chennuri Sathvika (17255A0421)	Ch. Sathvika
24	16251A0461	A. Akanksha Reddy	-	Akanksha
25	16251A0462	Srushna Akkaldevi	-	Srushna
26	16251A0463	Ambati Priya Bhargavi	-	Priya
27	16251A0466	Srishha Reddy	B. Srisha Reddy	Srishha
28	16251A0467	Balakavi Sri Divya	-	B. Sri Divya
29	16251A0469	B. Srilekha	-	Srilekha
30	16251A0471	B. Manisha	-	Manisha
31	16251A0472	B. Nikhila Vynayaki	-	Nikhila
32	16251A0473	Ch. Usha Sai	-	Usha
33	16251A0474	Ch. Ramya Vasundhara	← Absent →	
34	16251A0475	Sunishitha Reddy Chinthala	-	Sunishitha
35	16251A0476	D. Mounika	-	D. Mounika
36	16251A0479	Ganneni Sivani	-	G. Sivani
37	16251A0480	Bhuvana Sri Gilla	G. Bhuvana Sri	Bhuvana
38	16251A0482	G. Chandra Mounika	-	Chandra
39	16251A0484	K. Navya	-	Navya
40	16251A0488	Kota Asmitha	K. A	K. Asmitha

41	16251A0490	K. Reethika	—	K. Reethika
42	16251A0491	L. Bhanu Chandrika	—	L. Bhanu Chandrika
43	16251A0493	M. Reethu	M. Reethu	M. Reethu
44	16251A0495	Mysi Bhargavi	—	Mysi Bhargavi
45	16251A0499	P. Spandana	—	P. Spandana
46	16251A04A0	P. Maneesha	—	P. Maneesha
47	16251A04A1	R. Ramya Reddy	R. Ramya Reddy	R. Ramya Reddy
48	16251A04A2	Ravirala Sowmya Sree	—	Ravirala Sowmya Sree
49	16251A04A3	Pranaya Ravula	—	Pranaya Ravula
50	16251A04A4	Regalla Prathyusha	—	Regalla Prathyusha
51	16251A04A6	S. Shyam Sowjanya	← Absent →	—
52	16251A04A7	S. Anantha Laxmi Saroja	S. Anantha Lakshmi Saroja	S. Anantha Laxmi Saroja
53	16251A04A9	Tallada Harika	—	Tallada Harika
54	16251A04B0	Lakshmi Preethi	T. Lakshmi Preethi	T. Lakshmi Preethi
55	16251A04B3	Thogaru Meghana	—	Thogaru Meghana
56	16251A04B4	Priyanka Vangala	—	Priyanka Vangala
57	16251A04B5	Vidiyala Sahithi	V. Sahithi	V. Sahithi
58	16251A04B6	Meghana Vadikari	—	Meghana Vadikari
59	16251A04B7	Alekhya Vadnala	—	Alekhya Vadnala
60	16251A04B8	Y. Kavya	—	Y. Kavya
61	16251A04B9	Y. Lakshmi Hinduja	Y. Lakshmi Hinduja	Y. Lakshmi Hinduja
62	16251A04C0	Y. Sai Asritha	Y. Sai Asritha	Y. Sai Asritha
63	17255A0413	Sana	Sana	Sana
64	17255A0414	P. Lakshmi Priyanka	17255A0414	P. Lakshmi Priyanka
65	17255A0416	S. Bhavani	—	S. Bhavani
66	17255A0417	G. Deepika	—	G. Deepika
67	17255A0418	Pudi Tanuja	—	Pudi Tanuja
68	17255A0420	P. Dharani	—	P. Dharani
69	17255A0423	Jangam Rumala Shivani	—	Jangam Rumala Shivani
70	17255A0424	B. Kasturi Prabhavathi	B. Kasthuri Prabhavathi	B. Kasthuri Prabhavathi
71	16251A04C2	Akshara Reddy	← Absent →	—
72	16251A04C4	Ayesha	Ayesha Siddikha	Ayesha Siddikha
73	16251A04C5	B. Pratyusha	B. Prathyusha	B. Prathyusha
74	16251A04C7	B. Supriya	← Absent →	—
75	16251A04C8	B. Pranavi	—	B. Pranavi
76	16251A04C9	Bhavya Harshika	B. Bhavya Harshika	B. Bhavya Harshika
77	16251A04D0	C. Mukthavvalil	C. Mukthavali	C. Mukthavali
78	16251A04D1	Ch. Naga Harshita	← Absent →	—
79	16251A04D2	D. Bhuvana	Devireddy Bhuvana Lakshmi	Devireddy Bhuvana Lakshmi
80	16251A04D3	D. Swati	—	D. Swati
81	16251A04D4	E. Sreeja	—	E. Sreeja
82	16251A04D8	Sujatha	EETORI SAI SREETA Ganta Sujatha	Ganta Sujatha
83	16251A04D9	G. Anusha	—	G. Anusha
84	16251A04E0	G. Indira	—	G. Indira

85	16251A04E1	I. Thirupathamma	-	<del>Thirup</del>
86	16251A04E5	Krishna Sindhu	J. Krishna Sindhu	<del>(Krishna)</del>
87	16251A04E6	K. Sai Prathusha	-	Prathusha
88	16251A04E8	K. Nirupama	-	<del>Nirupama</del>
89	16251A04F0	Manasa	MAANASA	<del>Manasa</del>
90	16251A04F1	Pravalika	Mayreddy Pravalika	Pravalika
91	16251A04F2	M. Pravalika	← Absent →	
92	16251A04F3	Mubashira	Mohammad Mubashira Nuzbath	Mubashira
93	16251A04F4	M. Sai Divya	-	Divya
94	16251A04F5	N. Jyothsna	-	Jyothsna
95	16251A04F6	Padmavathi	← Absent →	
96	16251A04F8	P. Amulya	PENDOTA AMULYA	Amulya
97	16251A04F9	P. Sindhu	-	Sindhu
98	16251A04G2	Priyadarshini	P.R. Priyadarshini	Priyadarshini
99	16251A04G5	Salma	Salma	Salma
100	16251A04G6	S. Ramandeep	S. Ramandeep Kamra	Ramandeep
101	16251A04G7	Simran Virani	-	Simran
102	16251A04G9	T. Mounika	-	<del>T. Mounika</del>
103	16251A04H0	T. Haritha	← Absent →	
104	16251A04H1	T. Sandhya	T. Sandhya	T. Sandhya
105	16251A04H2	T. Shravani	THOTA SHRAVANI	Shravani
106	16251A04H4	V. Sindhu Varsha	← Absent →	
107	16251A04H5	V. Anusha	VANGURI ANUSHA	Anusha
108	16251A04H6	Wasia Shirin	-	Shirin
109	16251A04H7	Y. Sai Sindhu	← Absent →	
110	16251A04H8	Y. Vaishnavi	← Absent →	
111	16251A04H9	Keerthana	Y. KEERTHANA	Keerthana

B.S. Reddy  
08/9/18

Reddy  
08/9/18

**G. Narayanamma Institute of Technology and Science (for women)**

**CFEPD Workshop, Session 2, Day 2**

**Attendance Sheet - 15/09/2018**

	Roll No.	Name	Name Corrections if Any	Signature
1	16251A0401	A. G. Sai Niharika	-	Niharika
2	16251A0402	B. Divya	← Absent →	
3	16251A0404	B. Mounika	-	Mounika
4	16251A0411	D. Archana	-	Archana
5	16251A0412	G. Maneesha	← Absent →	
6	16251A0416	G. Deepthi	-	Deepthi
7	16251A0421	K. Meghana Rajya Lakshmi	← Absent →	
8	16251A0423	K. Deekshitha Bhuvanewari	-	Deekshitha
9	16251A0428	M. Sravanthi	-	Sravanthi
10	16251A0434	M. Vennela	-	M. Vennela
11	16251A0435	M. Sunanda	-	M. Sunanda
12	16251A0438	P. Sree Brinda	-	P. Brinda
13	16251A0441	P. Yashaswini	-	Yashaswini
14	16251A0443	R. Madhulatha	-	
15	16251A0445	S. Dhatri Venkata Valli	-	S. Dhatri
16	16251A0447	S. Apurva	-	Apurva
17	16251A0457	Tadem Sanjana	-	Sanjana
18	16251A0459	T. Tejaswini	-	Tejaswini
19	16251A0460	Tirumala Tejasa Yalla	-	Tejasa
20	17255A0405	B. Manushna	← Absent →	
21	15251A0460	P. Preethi	-	P. Preethi
22	16251A0461	A. Akanksha Reddy	← Absent →	
23	16251A0462	Srushna Akkaldevi	-	Srushna
24	16251A0463	Ambati Priya Bhargavi	← Absent →	
25	16251A0466	B. Srisha Reddy	← Absent →	
26	16251A0467	Balakavi Sri Divya	-	B. Divya
27	16251A0469	B. Srilekha	-	Srilekha
28	16251A0471	B. Manisha	← Absent →	
29	16251A0472	B. Nikhila Vynayaki	-	Nikhila
30	16251A0473	Ch. Usha Sai	-	Ch. Usha
31	16251A0474	Ch. Ramya Vasundhara	Vasundhara	Ch. Ramya
32	16251A0475	Sunishitha Reddy Chinthala	-	Ch. Sunishitha
33	16251A0476	D. Mounika	-	Mounika
34	16251A0479	Ganneni Sivani	-	G. Sivani
35	16251A0480	G. Bhuvana Sri	-	G. Bhuvaneshwari
36	16251A0482	G. Chandra Mounika	← Absent →	
37	16251A0484	K. Navya	← Absent →	
38	16251A0488	Kota Asmitha	-	K. Asmitha
39	16251A0490	K. Reethika	-	K. Reethika
40	16251A0491	L. Bhanu Chandrika	← Absent →	

Spots.



41	16251A0493	M. Reethu	-	M. Reethu
42	16251A0495	Mysi Bhargavi	-	M. Bhargavi
43	16251A0499	P. Spandana	-	P. Spandana
44	16251A04A0	P. Maneesha	-	P. Maneesha
45	16251A04A1	R. Ramya Reddy	← Absent →	R. Ramya
46	16251A04A2	Ravirala Sowmya Sree		Ravirala Sowmya Sree
47	16251A04A3	Pranaya Ravula	-	Pranaya
48	16251A04A4	Regalla Prathyusha	← Absent →	Regalla Prathyusha
49	16251A04A6	S. Shyam Sowjanya	-	S. Shyam Sowjanya
50	16251A04A7	S. Anantha Lakshmi Saroja	-	S. Anantha Lakshmi Saroja
51	16251A04A9	Tallada Harika	-	Tallada Harika
52	16251A04B0	T. Lakshmi Preethi	-	T. Lakshmi Preethi
53	16251A04B3	Thogaru Meghana	← Absent →	Thogaru Meghana
54	16251A04B4	Priyanka Vangala	-	Priyanka Vangala
55	16251A04B5	V. Sahithi	-	V. Sahithi
56	16251A04B6	Meghana Vadikari	-	Meghana Vadikari
57	16251A04B7	Alekhyia Vadnala	-	Alekhyia Vadnala
58	16251A04B8	Y. Kavya	← Absent →	Y. Kavya
59	16251A04B9	Y. Laxmi Hinduja	-	Y. Laxmi Hinduja
60	16251A04C0	Y. Sai Asritha	-	Y. Sai Asritha
61	17255A0413	Sana	-	Sana
62	17255A0414	P. Lakshmi Priyanka	← Absent →	P. Lakshmi Priyanka
63	17255A0416	S. Bhavani	8/20/2019 (14/10)	S. Bhavani
64	17255A0417	G. Deepika	8/20/2019 - (12/12/18)	G. Deepika
65	17255A0418	Pudi Tanuja	← Absent →	Pudi Tanuja
66	17255A0419	Enapothula Pravalika	-	Enapothula Pravalika
67	17255A0420	P. Dharani	-	P. Dharani
68	17255A0421	Chennuri Sathvika	-	Chennuri Sathvika
69	17255A0423	Jangam Rumala Shivani	-	Jangam Rumala Shivani
70	17255A0424	B. Kasthuri Prabhavathi	← Absent →	B. Kasthuri Prabhavathi
71	16251A04C2	Akshara Reddy	-	Akshara Reddy
72	16251A04C4	Ayesha Siddikha	-	Ayesha Siddikha
73	16251A04C5	B. Prathyusha	-	B. Prathyusha
74	16251A04C7	B. Supriya	-	B. Supriya
75	16251A04C8	B. Pranavi	-	B. Pranavi
76	16251A04C9	B. Bhavya Harshika	-	B. Bhavya Harshika
77	16251A04D0	C. Mukthawali	-	C. Mukthawali
78	16251A04D1	Ch. Naga Harshita	-	Ch. Naga Harshita
79	16251A04D2	Devireddy Bhuvana Lakshmi	-	Devireddy Bhuvana Lakshmi
80	16251A04D3	D. Swati	-	D. Swati
81	16251A04D4	Eetoori Sai Sreeja	-	Eetoori Sai Sreeja
82	16251A04D8	Ganta Sujatha	-	Ganta Sujatha
83	16251A04D9	G. Anusha	-	G. Anusha
84	16251A04E0	G. Indira	-	G. Indira

85	16251A04E1	I. Thirupathamma	-	Thirupatha
86	16251A04E5	J. Krishna Sindhu	-	J. Krishna Sindhu
87	16251A04E6	K. Sai Prathusha	-	Prathusha
88	16251A04E8	K. Nirupama	-	Nirupama
89	16251A04F0	Maanasa	-	Maanasa
90	16251A04F1	Mayreddy Pravalika	-	Pravalika
91	16251A04F2	M. Pravalika	-	Pravalika
92	16251A04F3	Mohammad Mubashira Nuzhath	-	Mubashira Nuzhath
93	16251A04F4	M. Sai Divya	-	M. Sai Divya
94	16251A04F5	N. Jyothsna	-	Jyothsna
95	16251A04F6	Padmavathi	-	Padmavathi
96	16251A04F8	Pendota Amulya	-	Amulya
97	16251A04F9	P. Sindhu	-	Sindhu
98	16251A04G2	P. R. Priyadarshini	-	Priya
99	16251A04G5	Salma	-	Salma
100	16251A04G6	S. Ramandeep Kaur	-	Ramandeep Kaur
101	16251A04G7	Simran Virani	-	Simran
102	16251A04G9	T. Mounika	-	Mounika
103	16251A04H0	T. Haritha	-	Haritha
104	16251A04H1	T. Sandhya	-	Sandhya
105	16251A04H2	Thota Shravani	-	Shravani
106	16251A04H4	V. Sindhu Varsha	-	Sindhu Varsha
107	16251A04H5	Vanguri Anusha	-	Anusha
108	16251A04H6	Wasia Shirin	-	Shirin
109	16251A04H7	Y. Sai Sindhu	-	Sai Sindhu
110	16251A04H8	Y. Vaishnavi	-	Vaishnavi
111	16251A04H9	Y. Keerthana	-	Keerthana

IETE

B. K. Reddy  
15/09/18

189

8 4 2  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19

**G. Narayanamma Institute of Technology and Science (for women)**

**CFEPD Workshop, Session 2, Day 3**

**Attendance Sheet - 16/09/2018**

	Roll No.	Name	Name Corrections if Any	Signature
1	16251A0401	A. G. Sai Niharika	-	<i>A.G. Sai</i>
2	16251A0402	B. Divya	← Absent →	
3	16251A0404	B. Mounika	-	<i>Mounika</i>
4	16251A0411	D. Archana	-	<i>Archana</i>
5	16251A0412	G. Maneesha	← Absent →	
6	16251A0416	G. Deepthi	← Absent →	
7	16251A0421	K. Meghana Rajya Lakshmi	← Absent →	
8	16251A0423	K. Deekshitha Bhuvanewari	-	<i>Deekshitha</i>
9	16251A0428	M. Sravanthi	-	<i>Sravanthi</i>
10	16251A0434	M. Vennela	-	<i>M. Vennela</i>
11	16251A0435	M. Sunanda	-	<i>M. Sunanda</i>
12	16251A0438	P. Sree Brinda	← Absent →	
13	16251A0441	P. Yashaswini	← Absent →	
14	16251A0443	R. Madhulatha	← Absent →	
15	16251A0445	S. Dhatri Venkata Valli	-	<i>S. Dhatri</i>
16	16251A0447	S. Apurva	-	<i>Apurva</i>
17	16251A0457	Tadem Sanjana	-	<i>Sanjana</i>
18	16251A0459	T. Tejaswini	-	<i>Tejaswini</i>
19	16251A0460	Tirumala Tejasa Yalla	-	<i>Tejasa</i>
20	17255A0405	B. Manushna	-	<i>B. Manushna</i>
21	15251A0460	P. Preethi	← Absent →	
22	16251A0461	A. Akanksha Reddy	-	<i>Akanksha</i>
23	16251A0462	Srushna Akkaldevi	-	<i>Srushna</i>
24	16251A0463	Ambati Priya Bhargavi	-	<i>Priya</i>
25	16251A0466	B. Srisha Reddy	← Absent →	
26	16251A0467	Balakavi Sri Divya	← Absent →	
27	16251A0469	B. Srilekha	-	<i>Srilekha</i>
28	16251A0471	B. Manisha	← Absent →	
29	16251A0472	B. Nikhila Vynayaki	-	<i>Nikhila</i>
30	16251A0473	Ch. Usha Sai	-	<i>Ch. Usha Sai</i>
31	16251A0474	Ch. Ramya Vasundahra	← Absent →	
32	16251A0475	Sunishitha Reddy Chinthala	← Absent →	
33	16251A0476	D. Mounika	-	<i>Mounika</i>
34	16251A0479	Ganneni Sivani	-	<i>G. Sivani</i>
35	16251A0480	G. Bhuvana Sri	-	<i>G. Bhuvana Sri</i>
36	16251A0482	G. Chandra Mounika	← Absent →	
37	16251A0484	K. Navya	-	<i>K. Navya</i>
38	16251A0488	Kota Asmitha	-	<i>K. Asmitha</i>
39	16251A0490	K. Reethika	← Absent →	
40	16251A0491	L. Bhanu Chandrika	← Absent →	

41	16251A0493	M. Reethu	← Absent →	
42	16251A0495	Mysi Bhargavi	← Absent →	
43	16251A0499	P. Spandana	← Absent →	
44	16251A04A0	P. Maneesha	-	P. M
45	16251A04A1	R. Ramya Reddy	-	Ramya
46	16251A04A2	Ravirala Sowmya Sree	-	Sowmya
47	16251A04A3	Pranaya Ravula		
48	16251A04A4	Regalla Prathyusha	Prathyusha -	Prathyusha
49	16251A04A6	S. Shyam Sowjanya	-	S. Shyam
50	16251A04A7	S. Anantha Lakshmi Saroja	← Absent →	
51	16251A04A9	Tallada Harika	-	T. Harika
52	16251A04B0	T. Lakshmi Preethi	← Absent →	
53	16251A04B3	Thogaru Meghana	← Absent →	
54	16251A04B4	Priyanka Vangala	-	Priyanka
55	16251A04B5	V. Sahithi	← Absent →	
56	16251A04B6	Meghana Vadikari	-	V. Meghana
57	16251A04B7	Alekhya Vadnala	← Absent →	
58	16251A04B8	Y. Kavya	← Absent →	
59	16251A04B9	Y. Laxmi Hinduja	-	Y. Laxmi
60	16251A04C0	Y. Sai Asritha	← Absent →	
61	17255A0413	Sana	-	Sana
62	17255A0414	P. Lakshmi Priyanka	← Absent →	
63	17255A0416	S. Bhavani	← Absent →	
64	17255A0417	G. Deepika	-	Deepika
65	17255A0418	Pudi Tanuja	← Absent →	
66	17255A0419	Enapothula Pravalika	← Absent →	
67	17255A0420	P. Dharani	-	P. Dharani
68	17255A0421	Chennuri Sathvika	-	Ch. Sathvika
69	17255A0423	Jangam Rumala Shivani	-	Shivani T.R.
70	17255A0424	B. Kasthuri Prabhavathi	← Absent →	
71	16251A04C2	Akshara Reddy	Akshara Reddy - A	Akshara Reddy
72	16251A04C4	Ayesha Siddikha		Ayesha Siddikha
73	16251A04C5	B. Prathyusha		B. Prathyusha
74	16251A04C7	B. Supriya		Supriya
75	16251A04C8	B. Pranavi		Pranavi
76	16251A04C9	B. Bhavya Harshika	-	B. Bhavya
77	16251A04D0	C. Mukthawali	-	C. Mukthawali
78	16251A04D1	Ch. Naga Harshita		Ch. Naga Harshita
79	16251A04D2	Devireddy Bhuvana Lakshmi		Devireddy Bhuvana Lakshmi
80	16251A04D3	D. Swati	← Absent →	
81	16251A04D4	Eetoori Sai Sreeja		Sreeja
82	16251A04D8	Ganta Sujatha		G. Sujatha
83	16251A04D9	G. Anusha		G. Anusha
84	16251A04E0	G. Indira	-	G. Indira

85	16251A04E1	I. Thirupathamma	-	M. Thirupathamma
86	16251A04E5	J. Krishna Sindhu	-	(K. Krishna)
87	16251A04E6	K. Sai Prathusha	-	Prathusha
88	16251A04E8	K. Nirupama	← Absent →	
89	16251A04F0	Maanasa	-	Maanasa
90	16251A04F1	Mayreddy Pravalika	← Absent →	
91	16251A04F2	M. Pravalika	-	Pravalika
92	16251A04F3	Mohammad Mubashira Nuzhath	-	Mubashira
93	16251A04F4	M. Sai Divya	-	M. Sai Divya
94	16251A04F5	N. Jyothsna	← Absent →	
95	16251A04F6	Padmavathi	-	Padmavathi
96	16251A04F8	Pendota Amulya	-	Amulya
97	16251A04F9	P. Sindhu	-	Sindhu
98	16251A04G2	P. R. Priyadarshini	-	Priyadarshini
99	16251A04G5	Salma	-	Salma
100	16251A04G6	S. Ramandeep Kaur	-	S. Ramandeep Kaur
101	16251A04G7	Simran Virani	-	Simran
102	16251A04G9	T. Mounika	-	Mounika
103	16251A04H0	T. Haritha	-	Haritha
104	16251A04H1	T. Sandhya	-	Sandhya
105	16251A04H2	Thota Shravani	← Absent →	
106	16251A04H4	V. Sindhu Varsha	-	Varsha
107	16251A04H5	Vanguri Anusha	-	Anusha
108	16251A04H6	Wasia Shirin	-	Shirin
109	16251A04H7	Y. Sai Sindhu	-	Sai Sindhu
110	16251A04H8	Y. Vaishnavi	-	Vaishnavi
111	16251A04H9	Y. Keerthana	-	Keerthana

B. Shetty  
16/18

Shetty  
16/19

**G. Narayanamma Institute of Technology and Science (for women)**  
**CFEPD Workshop, Session 2**  
**Report**

Date: 20/09/2018

The second session of CFEPD workshop was conducted on 08<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup> of September. The session started with the basics of C language and Embedded C. This included concepts of keywords, different signed and unsigned datatypes, data manipulation using operators, functions, call by reference, call by value, structures, unions etc. Some example programs were discussed as well for each of these concepts. The session ended with Code optimization and its techniques are taught.

On day 2 a basic block diagram of how an application was explained and the requirements for implementing such designs was discussed. The discussion included topics like the choice of microcontroller which can be used for the type of application which needs to be designed; the sensors that have to be used and the communication protocol for the connection between these sensors and the microcontroller; the components required to monitor the output such as relays and motors and how they should be connected to the microcontroller. In the process basics of some of the communication protocol like UART, I2C, SPI and USART were discussed. ATMEGA 328P microcontroller data sheet was discussed in detail to understand the different capabilities that can be implemented using the controller.

The students learnt how to install the Arduino IDE and debug any issues that might arise during the installation process. Later they used the IDE to write a few basic instructions and program the microcontroller to work as per the instructions. The controller was interfaced with basic LEDs to see the execution of the program. A detailed description of UART protocol was initiated which will be continued in the next session of the workshop.

*B. S. Reddy*  
20/9/18