



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Table 2.2.3.B-1(c): List of the projects for the Academic Year 2022-23

ECE A

S. No	Batch	REGD NO	Name of the Student	Title of the Project	Domain	Outcomes
1	A-1	19KE1A0447	K GAYATHRI DEVI	Third eye for visually challenged.	IoT	PO1 to PO12 & PSO1
2		19KE1A0426	GUDE MADHAVI			
3		19KE1A0429	GURRAM APEKSHA			
4		19KE1A0455	KURRI ANUSHA			
5	A-2	19KE1A0408	B JYOTHSNA	Data uploading to webserver.	IoT	PO1 to PO12 & PSO1
6		19KE1A0458	MALLISHETTI VENUKA			
7		19KE1A0404	ANNA SIREESHA			
8		19KE1A0440	KARNATI SWATHI			
9	A-3	19KE1A0437	K MOUNIKA	Solar based elictical vehicle charge system	IoT	PO1 to PO12 & PSO1
10		19KE1A0442	KATTEBOINA BINDU			
11		19KE1A0411	B PRATHUSHA			
12		19KE1A0449	KONUDULA AKHILA			
13	A-4	19KE1A0445	KODELA SAHITHI	Matrix based error detection and correction using minimal parity bits for memories.	VLSI	PO1 to PO12 & PSO2
14		19KE1A0450	KOTA CHAITANYA SAI			
15		19KE1A0409	BANDLA RAMYA			
16		19KE1A0427	GUNJI VASAVI			
17	A-5	19KE1A0453	K NAGA SINDHUSHA	FPGA and ASIC implementation and comparison of Multipliers.	VLSI	PO1 to PO12 & PSO2
18		19KE1A0406	BABIREDDY VENNELA			
19		19KE1A0438	KANKATI AKANKSHA			
20		19KE1A0436	KANALA DEEPIKA			
21	A-6	19KE1A0439	KARICHETI LAVANYA	A Glitch free clk multiplexer for non-continuously running clk.	VLSI	PO1 to PO12 & PSO2
22		19KE1A0451	K BABY SRI PUJA			
23		19KE1A0405	ATCHALA SAILAJA			
24		19KE1A0452	K SAI SRI VARSHA			
25	A-7	19KE1A0421	GANDHAM PRIYANKA	Single flux quantum first in first out synchronizers.	VLSI	PO1 to PO12 & PSO2
26		19KE1A0412	B LIKHITHA			
27		19KE1A0428	GUNTUPALLI KEERTHI			
28		19KE1A0417	DANDA RUCHITHA			



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29	A-8	19KE1A0419	GADDE ANUSHA	An 8Gbps 4:1 transistion aware self toggling multiplexer.	VLSI	PO1 to PO12 & PSO2
30		19KE1A0418	D SRI LAKSHMI			
31		19KE1A0443	KAVURI RUPA SRI			
32		19KE1A0430	JADDA LAVANYA			
33	A-9	19KE1A0433	KADIRI SRIVIDYA	Portable robot to analysis of air pollution for crop protection using IOT.	IoT	PO1 to PO12 & PSO1
34		19KE1A0410	B ANURADHA			
35		19KE1A0425	GUDDA PAVANI			
36		19KE1A0414	BUCHI SRILEKHA			
37	A-10	19KE1A0416	CHINNAM SANDHYA	Accident alert system and alcohol detection.	Embedded Systems (ES)	PO1 to PO12 & PSO1
38		19KE1A0420	GADUPUDI LAVANYA			
39		19KE1A0415	CHAVA SUSHMA			
40		19KE1A0407	BADDURI JAYASRI			
41	A-11	19KE1A0459	MANDATI HARIKA	Weather report streaming with graph analysis using IOT.	IoT	PO1 to PO12 & PSO1
42		19KE1A0402	A LAKSHMI KEERTHI			
43		19KE1A0457	M LAKSHMI HARIKA			
44		19KE1A0424	G THRILOCHANA			
45	A-12	19KE1A0432	J NAGA LAKSHMI	Non invasive blood pressure remote monitoring instrument based microcontroller.	IoT	PO1 to PO12 & PSO1
46		19KE1A0422	GOGINENI ALEKHYA			
47		19KE1A0423	GORANTLA ANUSHA			
48		19KE1A0441	KATTA NAGALAKSHMI			
49	A-13	19KE1A0434	KAKARLA RESHMA	Methodology for detecting glitch on clock reset and cdc path.	VLSI	PO1 to PO12 & PSO2
50		19KE1A0413	BORRA AKANKSHA			
51		19KE1A0456	LINGAM ANJALI			
52		19KE1A0446	KOLLA ROJA			
53	A-14	19KE1A0448	K SRILAKSHMI	Manhole monitoring with fault detecting and reporting system for municipal department.	IoT	PO1 to PO12 & PSO1
54		19KE1A0401	ADDAGADDA TEJASRI			
55		19KE1A0435	KAKUMANU TEJASWI			
56		19KE1A0444	K.CHINNA MANGAMMA			



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ECE B

S.No	Batch No	REGD NO	Name of the Student	Title	Domain	Outcomes
1	B-1	19851A0416	RELLA PRASANTHI	Development of precision farming using multi node sensor	Embedded Systems (ES)	PO1 to PO12 & PSO1
2		19851A0406	D MOUNIKA			
3		19KE1A04A9	YERRAMSETTY NAVYA			
4		19KE1A0481	SAIMPU JYOTHI PRIYA			
5	B-2	19KE1A0464	N RAJARAJESWARI	Railway accident alert system.	Embedded Systems (ES)	PO1 to PO12 & PSO1
6		19KE1A0486	SHAIK SAJIDA			
7		19KE1A0485	SK KHAJA KAREEMA			
8		19KE1A0461	M SRI MEGHANA			
9	B-3	19KE1A0497	TALLURI HARIKA	Constant time synchronous binary counter with minimal clk period.	VLSI	PO1 to PO12 & PSO2
10		19KE1A0499	THOTA SRUJANA			
11		19KE1A0473	PARIMI SUKANYA			
12		19KE1A0489	S B SAI SOWMAYA			
13	B-4	19KE1A0463	N GREESHMA SREE	Real time Industrial process controlling and monitoring using mobile.	IoT	PO1 to PO12 & PSO1
14		19KE1A0467	NEELAM MANASA			
15		19KE1A04A2	U DIVYA KRISHNA			
16		20KE5A0403	REPURI KEERTHANA			
17	B-5	19KE1A0483	SHAIK AIESHA	Smart phone controlled robot.	IoT	PO1 to PO12 & PSO1
18		19KE1A0472	PANDILLA NANDINI			
19		19KE1A04A1	T ADI LAKSHMI			
20		19KE1A04A6	VINNAKOTA VASANTHI			
21	B-6	19KE1A0470	NEVALI NAGAPAVANI	Voting machine using biometric.	Embedded Systems (ES)	PO1 to PO12 & PSO1
22		19KE1A0482	SAYYAD AFRIN			
23		19KE1A0494	SRILAKSHMI N			
24		19KE1A0484	SHAIK JAHEDA			
25	B-7	19KE1A0469	NEVALI GAYATHRI	Automated biometric system.	Embedded Systems (ES)	PO1 to PO12 & PSO1
26		19KE1A0478	P HEMALATHA			
27		19KE1A0493	S AMRUTHA			
28		19KE1A0476	P SRIVIDYA			



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29	B-8	19KE1A0465	NAPA ANANYA	Automated billing smart trolley and stock Monitoring system.	Embedded Systems (ES)	PO1 to PO12 & PSO1
30		19KE1A0475	PASUPULETI SIRISHA			
31		19KE1A04A3	VAKA PRAVALLIKA			
32		19KE1A0474	PASAM MANISHA			
33	B-9	19KE1A0491	S BHARGAVI ANJALI KUMARI	Smart security fire detection and surveillance using EPS32 cam.	IoT	PO1 to PO12 & PSO1
34		19KE1A04A8	YENUMULA SIRISHA			
35		19KE1A0488	SK ZAREENA W BEGUM			
36		20KE5A0401	B NAGA SOWMYA			
37	B-10	19KE1A0498	TALLURI SWETHA	Touch screen controlled Wheel chair for patients and physically challenged persons	IoT	PO1 to PO12 & PSO1
38		20KE5A0402	KOTA GLORY			
39		19KE5A0495	S VIJAYA DURGA			
40		19KE1A0468	NELLURI SRI LATHA			
41	B-11	19KE1A0466	NARADASU RAMADEVI	Plant diseases detector robot.	IoT	PO1 to PO12 & PSO1
42		19KE1A0462	MUNNA SUJATHA			
43		19KE1A04A4	V SUSHMITHA			
44		19KE1A04A7	YARLAGADDA HOTHRI			
45	B-12	19KE1A04A5	VEMA JANAPRIYA	Intelligent helmet for driver safety.	IoT	PO1 to PO12 & PSO1
46		19KE1A0477	POTRU KAVYA			
47		19KE1A0492	SIRI SREE MARRI			
48		19KE1A0490	S S SIVA NAGA RAMYA			
49	B-13	19KE1A0496	SWARNA V N KEERTHI	OTP based devices and control systems.	Embedded Systems (ES)	PO1 to PO12 & PSO1
50		19KE1A0471	PAMULAPATI SRAVANI			
51		19KE1A0480	R SUNEETHA			
52		19KE1A0487	SK THASLEEMA SULTHANA			