



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

2.2.3.B. Types and relevance of the projects and their contribution towards the attainment of POs :

(Quality of the project is measured in terms of consideration to factors including, but not limited to, environment, safety, ethics, cost, type (**application, product, research, review** etc.) and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes and enhancing the relevance of projects. Mention Implementation details including details of POs and PSOs addressed through the projects with justification.

Table 2.2.3.B-1(a): List of the projects for the Academic Year 2024-25

S.No	Bat ch	Reg No	Name of the Student	Project Title	Domain	Outcomes
1	1	21KE1A0425	Kalluri Sindhu Gowri	Pipeline Detection Robot with 3D Scanning Capability	Robotics	PO1 to PO12 & PSO2
2		21KE1A0447	P.Venkata Kavya			
3		21KE1A0403	Arepalli yamini			
4		21KE1A0439	Nakka Sri Lakshmi			
5		21KE1A0414	D.Mahitha			
6	2	22KE5A0405	Reddy Thulasi	Chip design for Turbo encoder module for In-vehicle system	VLSI	PO1 to PO12 & PSO2
7		21KE1A0432	Makkena Sowmya			
8		21KE1A0465	Bokkisam venkata swathi			
9		21KE1A0453	SK Maimunnisa			
10		21KE1A0441	N.Sowmya Sri			
11	3	21KE1A0435	Kunamaneni Sravanthi	Glass cleaning robot that scales walls	Robotics	PO1 to PO12 & PSO2
12		21KE1A0458	Valluri Kavya			
13		21KE1A0450	P.Kavitha			
14		21KE1A0406	Ch.sandhyarani			
15	4	21KE1A0463	Yamparala Rajya Lakshmi	IOT gas sensors array for unobtrusive,Tracking of cooking activities	IoT with Blockchain	PO1 to PO12 & PSO2
16		21KE1A0428	Korrapati Anitha			
17		21KE1A0464	Y.Devi			
18		21KE1A0412	Dirisala Venkata Sunita			
19	5	21KE1A0457	Vajja Tejaswini	BCT & AI powered Job scam detector	IoT with Blockchain	PO1 to PO12 & PSO2
20		21KE1A0418	Jakkireddy Gayatri			
21		21KE1A0442	N.syamala			
22		21KE1A0410	Davuluri Harsha priya			
23	6	21KE1A0444	Pachhala ruchitha	Image Forgery detection using Deep learning Model	Digital Image Processing with AI	PO1 to PO12 & PSO2
24		21KE1A0409	Ch.Rupavathi			
25		21KE1A0451	Sahitya pooja. Bandi			
26		21KE1A0437	N Vishnu Priya			
27	7	21KE1A0466	Kuchina Swathi	IoT based power and water theft detection in urban cities	IoT with Blockchain	PO1 to PO12 & PSO2
28		21KE1A0461	Veeramreddy Tejaswini			
29		21KE1A0407	Ch. Pallavi Krishna			
30		21KE1A0431	Makkena Bhargavi			



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S. No	Batch	REGD No	Name of the Student	Title of the Project	Domain	Outcomes
31	8	21KE1A0455	Tadikonda Keethi	Vision based surveillance robot for military applications	Robotics	PO1 to PO12 & PSO2
32		21KE1A0421	K.Himaja Sai Venkata Durga			
33		21KE1A0438	Nagandla Lakshmi Sivan			
34		21KE1A0411	Derangula Venkata Purna			
35	9	21KE1A0454	S Venkata Sai DhanaSri	IoT based Oxygen Level monitoring circuit for patient	IoT with Blockchain	PO1 to PO12 & PSO1
36		21KE1A0436	Nadendla Likhitheswari			
37		21KE1A0462	Yaganti Divya			
38		21KE1A0456	Thulluru Sravanthi			
39	10	21KE1A0402	A.Naga Akshaya	Enhancing fundamental Energy limits of Field-coupled Nano computing circuits	VLSI	PO1 to PO12 & PSO2
40		22KE5A0404	Ravulapalli vishnupriya			
41		21KE1A0459	V Leela Kanaka Mahalakshmi			
42		21KE1A0416	Gera Persistone			
43	11	21KE1A0443	Nuthalapati Pallavi	Determination of DL - Based Bone Age Assessment	Digital Image Processing with AI	PO1 to PO12 & PSO1
44		21KE1A0424	Kasiboina priyanka			
45		21KE1A0408	Ch.sirisha			
46		21KE1A0434	M.Jessy Grace			
47	12	21KE1A0419	Vyshnavi Jasti	Crowd analysis and density estimation using Machine learning techniques	Digital Image Processing with AI	PO1 to PO12 & PSO1
48		21KE1A0415	Ellendula Sukanya			
49		22KE5A0403	Ramya Khaithepalli			
50		21KE1A0449	sravanthi pulivarthi			
51	13	22KE5A0401	Dasari naga lakshmi	Low power approximate multiplier using encoded partial products and approximate compressors	VLSI	PO1 to PO12 & PSO2
52		21KE1A0429	J Satya Siva Naga Rochana			
53		22KE5A0402	Gollapothu jwalitha			
54		21KE1A0445	P kousalya			
55	14	21KE1A0423	Kamepalli.Urmila	Smarter Urine bags	IoT with ML	PO1 to PO12 & PSO1
56		21KE1A0430	Kotagiri Ramya			
57		21KE1A0401	Anisetty Monika			
58		21KE1A0426	Abhinaya			
59	15	21KE1A0460	V Anantha Lakshmi	FPGA implementation of an improved WatchDog timer for safety critical applications	VLSI	PO1 to PO12 & PSO2
60		21KE1A0446	S Thanmayi jyoshna			
61		21KE1A0427	Koppavarapu.kamakshi			
62		21KE1A0448	Sowmya prasadam			
63	16	21KE1A0422	Kakarla Lakshmiprasanna	Deep learning approach for fruit Recognition and calorie Estimation Through image processing	Digital Image Processing with AI	PO1 to PO12 & PSO1
64		217W1A0416	K.pravallika			
65		21KE1A0413	Divya.Hemashri			
66		21KE1A0433	Mandati sraddha			