K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM - 630 612.

An Autonomous Institution, Affiliated to Anna University, Chennai

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BATCH:2021-2025

NAME OF THE PROGRAM : B.E - ECE | **YEAR/SEM: IV/VIII (2021-2025)** | **COURSE CODE / TITLE : 20EC8L1 / PROJECT WORK**

S. No	Register No.	Name of the Student	Title of the Project	Faculty Guide	Project Number
1	910621103022	ESWARALAL B K	EEG based stress detection using Machine Learning	Mrs. J. Thilagavathi Assistant Professor2 / ECE	KLNCE/PRO/ECE/2021-25/ 001
2	910621103040	KIRUTHICK RAJ B J			
3	910621103042	KOWSHIK NARAYAN R			
4	910621103304	PREMKUMAR J K			
5	910621103076	SARAVANAN K R	Optimized LDPC Decoding using Grdient Desent	Dr. V. KEJALAKSHMI Prof. & HOD, ECE	KLNCE/PRO/ ECE /2021-25/ 002
6	910621103085	SRI SHASTI A P			
7	910621103093	VIGNESH J			
8	910621103094	VIGNESH M			
9	910621103079	SHARMILA T	Detection of LDPC Decoding using Syptom-based ML and Retinal DL Analysis	Mrs.R.THILAGAVATHY Assistant Professor (Sr. Gr.) / ECE	KLNCE/PRO/ ECE /2021-25/ 003
10	910621103083	SOWMIYA N N			
11	910621103095	VIJI MAI G S			
12	910621103003	AISHWARYA V S	Lunar Patch Antenna for Multi-band frequency Applications	Mrs.T.SUGUMARI Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 004
13	910621103036	KARISHMA R			
14	910621103038	KATELYN LINDCY D			
15	910621103039	KEERTHIGA S			
16	910621103004	AJAY KUMAR K B	Design & Analyses of a Compact FR4-Based vivaldi Tapered Slot Antenna for ground penetration Radar	Dr.S.C. SIVAPRAKASH Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 005
17	910621103010	ARJUN O R			
18	910621103018	DHARMA MUKESH S			
19	910621103301	HARISH PANDI V			
20	910621103017	DHARANISHA D	Development of a two-element radio interferometer system to observe the radio emission from the Sun in the 150 - 450 MHz band	Dr.R. JEYANTHI Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 006
21	910621103027	HARSHINI V			
22	910621103034	JOSHIGA S			
23	910621103055	NARESH KUMAR C	Flexible Meta-Patch Antenna Array	Ms.L.MEENAKSHI Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 007
24	910621103056	NATESAN G			
25	910621103069	RAM SURYA K R B			

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S. No	Register No.	Name of the Student	Title of the Project	Faculty Guide	Project Number
26	910621103067	RAHUL A	Ring Slot Antenna for WiMAX Application	Dr.S.C. SIVAPRAKASH Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 008
27	910621103071	SABARISH BABU T G			
28	910621103074	SANTHOSH A R			
29	910621103105	YAZHIN M			
30	910621103005	AKASH R H	Environmental Monitoring and Pollution Alerts using IoT	Mrs.R.THILAGAVATHY Assistant Professor (Sr. Gr.) / ECE	KLNCE/PRO/ ECE /2021-25/ 009
31	910621103016	DEENA THAYALAN A			
32	910621103031	JEROME F			
33	910621103033	JOEL JOSEPH J			
34	910621103009	ARJUN N G	GovTrack TN	Dr.N.JANAKIRAMAN Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 010
35	910621103015	BALAMURUGAN R			
36	910621103019	DHINESH R K			
37	910621103035	JUAN COLLINS V			
38	910621103046	LOGESH M	Cloud Integrated IoT system for soil monitoring and crop management	Dr.T.R. MUTHU Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 011
39	910621103047	MADHESH S D O			
40	910621103048	MOHAMED ABBAS MANDHRI N			
41	910621103060	PRASANNA N R			
42	910621103052	MUKESH BABU P J	Mixed Signal Modelling for low dropout voltage regulators	Mrs.R.PAVITHRA Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 012
43	910621103063	PREM KUMAR K R			
44	910621103066	RAGAVENDRAN S			
45	910621103070	RISHIKESH K			
46	910621103053	NANDHA KUMAR N K	Design of Scalable 2D Mesh Network On Chip Architecture	Dr.N.JANAKIRAMAN Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 013
47	910621103058	NIHILASH L V			
48	910621103057	NIDHISH RAM V	Design and Implementation of an ESP32 Based Universal IoT Control Shield	Mr.S.SELVAKUMAR Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 014
49	910621103061	PRASHANNAKUMAR R B			
50	910621103062	PRAVEEN A			
51	910621103075	SARAVANA KUMAR G M	Enhancing water conservation in rural areas using IOT enabled sensors and real time monitoring	Ms.L.MEENAKSHI Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 015
52	910621103084	SRI HARI RAJ V S			
53	910621103081	SIVA A K			
54	910621103102	VISNUDEV G S			

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S. No	Register No.	Name of the Student	Title of the Project	Faculty Guide	Project Number
55	910621103077	SHAJI NISHA S	Sewage Block detection and removal	Dr.R. JEYANTHI Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 016
56	910621103080	SHRI VARSHINI M			
57	910621103082	SNEGHA A J			
58	910621103106	ZIPPORAH ANITHA LICY A W			
59	910621103090	TARINISRI T G	IoT based Intelligent Trolley	Dr.T.R.MUTHU Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 017
60	910621103091	THAIYALNAYAKI A			
61	910621103103	YASHWANTHINI R M			
62	910621103006	AL MOHAMMAD KHALEEL UR RAHMAAN	SmartAgroBiz: ML - powered farming and E-commerce solution	Dr.S.SUBHA Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 018
63	910621103011	ARUN KARTHICK N			
64	910621103013	ASHWIN SURYAA G V			
65	910621103023	GIRIDHAR VIGNESH C			
66	910621103008	ANUSHAA UMA LAKSHMI S	Bridging Government Schemes with citizens for Inclusive Governance	Mr.S.R.NARESH Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 019
67	910621103025	GOPIKA M			
68	910621103028	HARYNI M			
69	910621103030	JANET RAJAKIRUBA R			
70	910621103041	KIRUTHIKA A	Holistic Smart Tourism in and around Madurai	Dr.P.S.KUMARESH Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 020
71	910621103044	LAKSHMI S			
72	910621103045	LIBETRA JERRICE J			
73	910621103086	SRI VAGEESWARI GAYATHRI V	Healthcare chatbot Decease	Mrs. AMUDHA M Assistant Professor (Sr. Gr.) / ECE	KLNCE/PRO/ ECE /2021-25/ 021
74	910621103097	VISHAL M	We- Collaborative Media Streaming App	Mr.S.R.NARESH Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 022
75	910621103092	THEJAS HARI N U			
76	910621103002	AISHWARYA L	Bird detection in agricultiral field using YoloV9 and deep sort	Dr.P.KARPAGAVALLI Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 023
77	910621103007	AMIRTHA VARSHINI G			
78	910621103021	DIVYA DHARSHIKA S			
79	910621103026	HARINI M			

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S. No	Register No.	Name of the Student	Title of the Project	Faculty Guide	Project Number
80	910621103012	ARVIND K V	Single-Layer PCB surface defect detection using YOLOv5 Deep Learning model	Mr. S RAVI SANKAR Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 024
81	910621103014	ASWIN KUMAR M			
82	910621103020	DINESH KUMAR T S			
83	910621103302	MATTHEW E			
84	910621103029	JANARTHANA PRABU S	Automated Right Ventricular Segmentation to diagonsis cardio vascular diseases	Dr.S.SUBHA Associate Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 025
85	910621103072	SAM STEPHEN D			
86	910621103089	SUTHARSAN S			
87	910621103099	VISHNU P			
88	910621103037	KARTHICK K	YOLOv5 based system for detecting Helmet violations and overloading in two-wheelers	Mrs.A.V. Veera Sivakami Pandi Assistant Professor 2/ ECE	KLNCE/PRO/ ECE /2021-25/ 026
89	910621103049	MOHAMED HAFEEF A			
90	910621103051	MUGESHWARAN R			
91	910621103068	RAJA GANAPATHY S			
92	910621103050	MOHANA PRIYA J	A novel approach for PCOD detection using cutting-edge Machine learning Algorithm	Mrs. R PAVITHRA Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 027
93	910621103054	NANDHINI J S			
94	910621103065	PRIYADHARSHINI T G			
95	910621103073	SANKARRAM G	Brain Tumour detection using Efficient net b3 and yolo v8	Mrs.R.Angayarkanni Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 028
96	910621103078	SHARANN P G			
97	910621103088	SURYA PRAKASH S			
98	910621103087	SRIRAM PALANIYAPPAN	Performance analysis of flying bird detection using SSD neural network and Haar cascade classifier	Mr.B.Balan Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 029
99	910621103101	VISHWA K			
100	910621103305	SANTHANA SHALIN RAJ S			
101	910621103096	VIMALATHITHAN B	An Automatic Insect Identification and Pesticides Recommendation in Tea Plantation using Machine Learning	Mr. S RAVI SANKAR Assistant Professor / ECE	KLNCE/PRO/ ECE /2021-25/ 030
102	910621103100	VISHNUKUMAR G K			
103	910621103104	YASIN SHERIF A			
104	910621103303	NAGARJUN A G			
105	910621103059	NISHA K M	Preliminary Detection for brain disorder using Machine Learning	Mrs.M.AMUDHA Assistant Professor (Sr. Gr.) / ECE	KLNCE/PRO/ ECE /2021-25/ 031