

K.L.N.COLLEGE OF ENGINEERING, POTTAPALAYAM-630612

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Project Details-Batch 2020-2024**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

| S. No | Register No | Name of the Student | Title of the project | Name of the guide | Project Number |
|-------|--------------|-----------------------|--|---------------------------------|----------------------------|
| 1 | 910620103001 | ABDUL AJEES K | Smart Fire Fighting and Control Mechanism Using Quadcopter | Mrs.R.Thilagavathy AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 001 |
| | 910620103034 | KISHORE KUMAR S | | | |
| | 910620103045 | NAVEENKUMAR S U | | | |
| | 910620103038 | LOKESH KUMAR S S | | | |
| 2 | 910620103002 | AJAY KUMAR M | Smart Shopping Trolley using GSM | Dr.T.R.Muthu AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 002 |
| | 910620103015 | CHITHAMBARAM T | | | |
| | 910620103028 | JEYARAJ S | | | |
| 3 | 910620103003 | AKASH MATHAVAN A | Potato leaf disease classification using image segmentation and SVM techniques | Dr.Janakiraman Professor | KLNCE/PRO/ECE/2023-24/ 003 |
| | 910620103024 | HARISHKUMAR T P | | | |
| 4 | 910620103004 | AKSHITHA R P | Performance Analysis of WiFi Jammer with Various Noise Distributions | Mrs.R.Thilagavathy AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 004 |
| | 910620103006 | AMRUTHAVARSHA M | | | |
| | 910620103013 | BIRUNDHA DEVI P | | | |
| 5 | 910620103005 | AMARNATH S M | Public Issues and Rectification Portal | Dr.S.C.sivaprakash Professor | KLNCE/PRO/ECE/2023-24/ 005 |
| | 910620103021 | GURUBARAN K | | | |
| | 910620103043 | NAGULANAND M | | | |
| | 910620103044 | NARASIMHAN J | | | |
| 6 | 910620103007 | ARUNGANESH A | Mixed emotion recognition in speech using deep learning | Mrs.C.Sasirekha AP2 | KLNCE/PRO/ECE/2023-24/ 006 |
| | 910620103023 | HARISH RAJA R | | | |
| | 910620103041 | MOHAMMED HAYYITH K | | | |

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|-------|--------------|---------------------|---|---------------------------|----------------------------|
| 7 | 910620103008 | ARUNKUMAR S V | Smart Crop: Automated Crop Monitoring and Health Assessment Using Machine Learning and CNN | Dr.T.R.Muthu AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 007 |
| | 910620103031 | KARAN S | | | |
| | 910620103035 | KRISHNAN M | | | |
| | 910620103040 | MATHANRAJA S | | | |
| 8 | 910620103009 | ASRAF NISHA F | Low cost cold storage unit for horticultural produce | Dr.S.Subha ASP | KLNCE/PRO/ECE/2023-24/ 008 |
| | 910620103022 | HARIPRIYAA M | | | |
| | 910620103027 | INDHUMATHI G | | | |
| | 910620103016 | DEEPIKA.R | | | |
| 9 | 910620103010 | AVINASH A R | Deep Learning based Noise Reduction in FM Transmitter using the SDR Platform | Dr.V.Kejalakshmi Prof/HOD | KLNCE/PRO/ECE/2023-24/ 009 |
| | 910620103020 | DINESH N | | | |
| | 910620103032 | KARTHIK KANNAN G | | | |
| 10 | 910620103011 | AVINASHRAJ S | IOT Based Food menu order system | Dr.B.Buveneswari ASP | KLNCE/PRO/ECE/2023-24/ 010 |
| | 910620103303 | RAJAMUTHU R | | | |
| | 910620103301 | LOKESH KUMAR S | | | |
| 11 | 910620103012 | BERNIS MARIYA X | An ESP32 based healthcare monitoring using integrating multiple sensor using Integromat and random forest algorithm | MrS.R.Naresh ASP | KLNCE/PRO/ECE/2023-24/ 011 |
| | 910620103026 | ILAMATHI S | | | |
| | 910620103037 | LATIKAA TEJUS J | | | |
| 12 | 910620103014 | CHANDRAKANTHAN T B | Solider health monitoring and position tracking sytem using IOT | Dr.P.S.Kumaresh AP(S.G) | KLNCE/PRO/ECE/2023-24/ 012 |
| | 910620103033 | KISHORE BABU K G | | | |
| | 910620103308 | VISHNU WARDHAN V | | | |
| | 910620103307 | UPENTHIRAN T M | | | |

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|-------|--------------|---------------------|---|------------------------------|----------------------------|
| 13 | 910620103017 | DHEEPTHA M | Self Driving Car using Machine Learning | Dr.P.Karpagavalli ASP | KLNCE/PRO/ECE/2023-24/ 013 |
| | 910620103042 | NAGADHARSHINI A N | | | |
| 14 | 910620103018 | DHIVYAA VARSHINI G | UPI fraud detection using machine learning CATBOOST algorithm | Mr.S.Selvakumar AP2 | KLNCE/PRO/ECE/2023-24/ 014 |
| | 910620103025 | HARSHITHA T M | | | |
| | 910620103036 | LAKSHMI SRI M S | | | |
| 15 | 910620103019 | DINESH BABU N S | Narrow band Slotted Antenna For 5G Mobile Application | Dr.S.C.sivaprakash Professor | KLNCE/PRO/ECE/2023-24/ 015 |
| | 910620103029 | JEYASEELAN S | | | |
| | 910620103030 | KABILAN J C | | | |
| 16 | 910620103046 | NIKILAN T S | E-UzhavarSandhai | Mr.S.Ravisankar AP2 | KLNCE/PRO/ECE/2023-24/ 016 |
| | 910620103078 | THIRUMALAI RAJ V | | | |
| | 910620103305 | SRIRAM S | | | |
| 17 | 910620103047 | NIRANJAN K S | Detection of Artificially ripening of fruits using Image Processing | Mrs.M.Amudha AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 017 |
| | 910620103056 | RAKESH A V | | | |
| | 910620103059 | RAMYOGESH R | | | |
| 18 | 910620103048 | OM PRASATH T S | Herbal plant Identifier - Herbify | Dr.N.Janakiraman Professor | KLNCE/PRO/ECE/2023-24/ 018 |
| | 910620103075 | TAMIL BHUVANESH T | | | |
| | 910620103086 | VIGNESH R | | | |
| | 910620103306 | THAMBBURAJ S | | | |
| 19 | 910620103063 | SHREE NILA V | Privacy control transaction using blockchain | Mrs.A.Meena AP2 | KLNCE/PRO/ECE/2023-24/ 019 |
| | 910620103053 | PRIYADHARSHINI A | | | |
| | 910620103049 | POOJA MATHUMITHA S | | | |
| 20 | 910620103061 | SAKTI YOKESH K | Face detection driven Music selection | Dr.P.Karpagavalli ASP | KLNCE/PRO/ECE/2023-24/ 020 |
| | 910620103052 | PRAVEENKUMAR R | | | |
| | 910620103050 | PRASANTH M P | | | |

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|-------|--------------|---------------------|--|--------------------------|----------------------------|
| 21 | 910620103064 | SHRIRAM G S | Enhancing Poultry Farming Practices- A Sensor Driven Approach to Gas Emission Monitoring and Control | Mrs.S.Indumathi AP2 | KLNCE/PRO/ECE/2023-24/ 021 |
| | 910620103065 | SIVAPRAKASH T M | | | |
| | 910620103051 | PRAVEEN KUMAR J R | | | |
| | 910620103304 | SENTHIL MURUGAN R G | | | |
| 22 | 910620103069 | SREEMANN S | Electricity Consumption Monitor | Dr.R.Jeyanthi Professor | KLNCE/PRO/ECE/2023-24/ 022 |
| | 910620103071 | SRIKUMAR T B | | | |
| | 910620103076 | TAMILARASAN S | | | |
| 23 | 910620103084 | VELMUHIL PRASANNA P | IoT Based Street Light System for Smart city | Mr.B.Balan AP2 | KLNCE/PRO/ECE/2023-24/ 023 |
| | 910620103058 | RAMPRASATH S P | | | |
| | 910620103055 | RAJANITHISHKUMAR R | | | |
| | 910620103302 | RAGUL G | | | |
| 24 | 910620103074 | SYAM SUNDAR C K | A Microstrip Patch Antenna Design with H-shape Patch for 5G Mobile Applications | Ms.L.Meenakshi AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 024 |
| | 910620103070 | SRIHARAN M | | | |
| | 910620103057 | RAMANAA M | | | |
| | 910620103087 | VIKASH B | | | |
| 25 | 910620103068 | SOWMIYA M | Dual-Band implantable antenna in medical application | Ms.L.Meenakshi AP(Sr.Gr) | KLNCE/PRO/ECE/2023-24/ 025 |
| | 910620103067 | SONA SHREE D | | | |
| | 910620103062 | SHALINI S | | | |
| 26 | 910620103081 | VAISHNAVI M L | Integrating Solar-Powered Smart Portable Storage to Support Small Scale Farmers | Mrs.R.Angayarkanni AP2 | KLNCE/PRO/ECE/2023-24/ 026 |
| | 910620103072 | SUBHA DEVI B S | | | |
| | 910620103066 | SOBIKA R | | | |
| 27 | 910620103083 | VEERA SARIKA T K | Water purity tester using Machine Learning algorithms | Dr.B.Buvaneswari ASP | KLNCE/PRO/ECE/2023-24/ 027 |
| | 910620103054 | PRIYADHARSHINI B K | | | |
| | 910620103060 | RIVENNA MERLIN M | | | |

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| 28 | 910620103079 | THISHA M | Design of Flexible Microstrip Patch Antenna for ISM band application | Mrs.T.Sugumari AP2 | KLNCE/PRO/ECE/2023-24/ 028 |
| | 910620103080 | URJITA K K | | | |
| | 910620103073 | SUBRATHA M R K | | | |
| 29 | 910620103082 | VASANTH P | Predicting seat vacancy for rural development using Machine Learning and Image processing with CNN and Linear regression Algorithms | Mrs.R.Pavithra AP2 | KLNCE/PRO/ECE/2023-24/ 029 |
| | 910620103085 | VIBUNARENDAR K | | | |
| | 910620103088 | YUVARAJ S S | | | |