

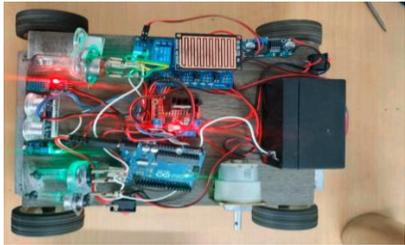


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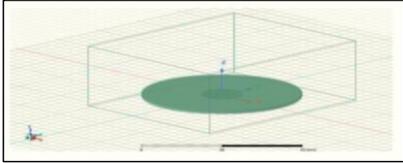
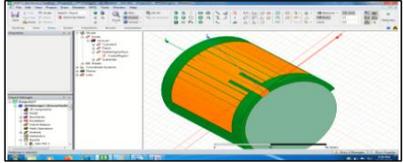
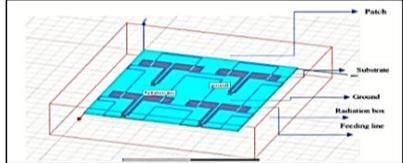
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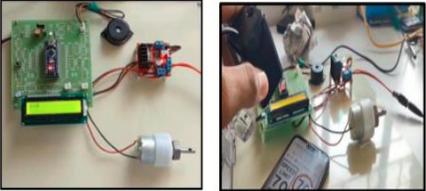
FINAL YEAR PROJECT DETAILS (2024-25)

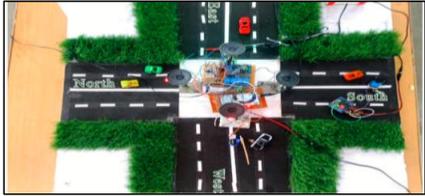
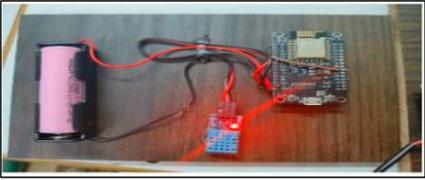
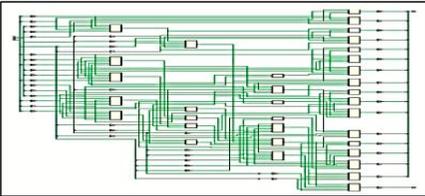
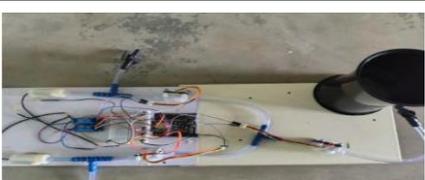
| S. No. | Reg. No. | Student Name | Guide Name | Project Title | SDG | Remarks |
|--------|----------|-----------------------|-------------------|--|---------|---|
| 1 | 21EC033 | JASWANTH T | Dr.C.N.MARIMUTHU | Enhancing Safety Mechanism for Motorcycles | 3,9,11 |  |
| | 21EC044 | KEERTHIVARMAN.S | | | | |
| | 21EC045 | KOUSHIK K | | | | |
| 2 | 21EC005 | ARAVIND M | Dr.S.KAVITHA | Microcontroller based Adaptive Headlight Automation System | 9,11,12 |  |
| | 21EC020 | GOKUL S | | | | |
| | 21EC043 | KEERTHANA R | | | | |
| | 21EC057 | PRADEEP.C | | | | |
| 3 | 21EC006 | ASHWANTH R | Dr.S.KAVITHA | IOT Based Bus Courier Transit Through Public Transport | 9,11,12 |  <p style="text-align: center;">Figure 6.5 Payment System</p> |
| | 21EC010 | BHARATH KUMAR S | | | | |
| | 21ECO53 | NAVANEETHA KRISHNAN K | | | | |
| 4 | 21EC063 | RANJANI G C | Dr. S.KARTHIKUMAR | IoT powered wearable Sleep Apnea Monitoring and Holistic patient monitoring. | 3, 9 |  |
| | 21EC066 | RUTHRAMOORTHY S | | | | |
| | 21EC098 | VIDHYA K | | | | |

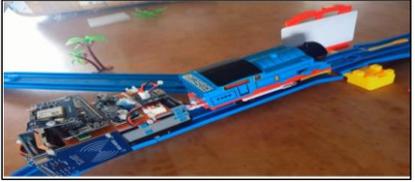
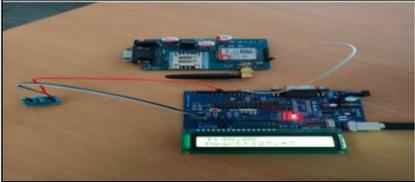
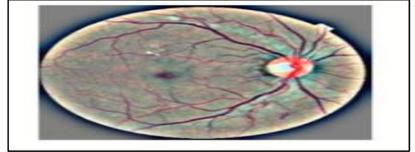
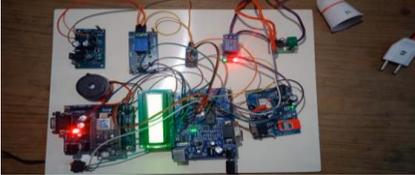
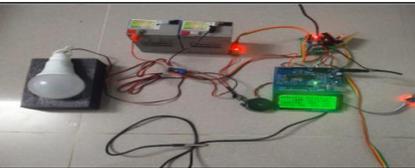
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|---|---------|------------------|-------------------|---|--------|---|
| 5 | 21EC055 | NITHISHKUMAR C | Dr.R.MURUGASAMI | Fatigue detection for Accident Avoidance using Mobile Application | 3,9,11 |  |
| | 21EC087 | SUNIL KUMAR.S | | | | |
| | 21EC103 | VISHNUPRIYA Y | | | | |
| 6 | 21EC011 | CHANDRU M | Dr.R.MURUGASAMI | Modular Assistive Cot for Muscular Dystrophy Patients with Customizable Features | 3,4,10 |  |
| 7 | 21EC048 | MOULIESWAR S | Ms.T.JAYACHANDRAN | Cover-Lossless Robust Image Watermarking Against Geometric Deformations for Secure Content-Based Image Retrieval | 9,16 |  |
| | 21EC058 | PRANAV AKASH. D | | | | |
| | 21EC092 | THINAKAR. B | | | | |
| 8 | 21EC056 | PAUL EARNEST J | Ms.T.JAYACHANDRAN | Smart campus - Android App for On-Duty Scheduling and Event Management | 4,11 |  |
| | 21EC060 | PRAVEEN M | | | | |
| | 21ECL22 | SRI SAKTHI VEL K | | | | |
| 9 | 21EC030 | HEERA LAL.B | Ms. T.G. DHAARANI | Development of e-com online store using Woocommerce by implementing Meta ads and deliver products through sourceinfi. | 8,9 |  |
| | 21EC091 | TAMILSELVAN A K | | | | |
| | 21ECL17 | SARAVANAKUMAR.P | | | | |

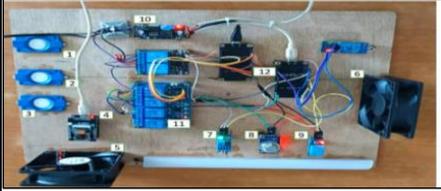
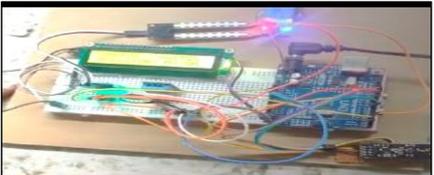
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|----|---------|--------------------|---------------------|--|--------------|---|
| 10 | 21EC034 | JAYADEV.G | Ms. T.G. DHAARANI | Personal safety alert system using seamless remote monitoring with rapid intervention using IoT and AI based Anomaly detection | 3,5,9,11 |  |
| | 21EC038 | JOSHIYA S R | | | | |
| | 21EC042 | KAVIYA.R | | | | |
| 11 | 21ECL06 | JANARTHANAN SR | Ms.V.LOGESWARI | Extremely Low-Profile Dual-Band Antenna Based on Single-Layer Circular Microstrip Patch for 5G Mobile Application | 9,11 |  |
| | 21ECL08 | JEEVANANTHAM K | | | | |
| | 21ECL10 | KARTHIK VETRIVEL S | | | | |
| 12 | 21EC040 | KABISHKUMAR M | Ms.P.KOKILA | Optimizing the design of a military handband antenna for enhanced signal range and durability | 3,4,9,11 |  |
| | 21EC061 | RAJA SIBI | | | | |
| | 21EC102 | VISHNU J | | | | |
| 13 | 21EC029 | HARSHAVARTHINI G | Ms.V.LOGESWARI | Design and Evaluation of dual-band Microstrip patch antenna for MIMO application | 9,11 |  |
| | 21EC036 | JAYASHRIM | | | | |
| | 21EC039 | KABISH KANNAN D | | | | |
| 14 | 21EC085 | SRIVARSHINI S | Mr.E.K.ARULKARTHICK | IOT based real time remote fuel storage tank and CNG gas monitoring system | 7,9,11,12,13 |  |
| | 21EC088 | SUVATHI K | | | | |
| | 21EC104 | YAZHINI S | | | | |
| 15 | 21EC016 | DINESH KUMAR V S | Mr.E.K.ARULKARTHICK | Carbon emission monitoring and credit system with automated CCS integration. | 7,9,12,13,15 |  |
| | 21EC023 | GOPINATH.S | | | | |
| | 21EC037 | JERIN J | | | | |

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|----|---------|--------------------|------------------|---|-----------|--|
| 16 | 21EC064 | RANJITH M | Ms.R.MONICA | Energy theft detection and management system for smart metre using LORA | 7,9,11,12 | |
| | 21EC075 | SHANJEEV V | | | | |
| | 21EC096 | VASANTH D S | | | | |
| 17 | 21EC054 | NAVEEN KUMAR | Ms.R.MONICA | Detecting and Pinpointing the diseased areas of Mango leaves using RNN And Segnet | 2,9,12 | |
| | 21EC069 | SAHANA FARIZ S | | | | |
| | 21EC074 | SENTHIL KUMAR.T | | | | |
| 18 | 21EC001 | ABISHEK A | Mr.G.PRABHAKARAN | Sustainable Robotics For Biodegradable Waste Collection Using Lora And Solar Power | 6,13,15 | |
| | 21EC003 | ABITHA S | | | | |
| | 21EC012 | DARSHANA K | | | | |
| | 21EC032 | JARSI B | | | | |
| 19 | 21ECL03 | DHIVAGARAN N | Mr.M.SRINEVASAN | Smart Inventory Management System for Food Grain Warehouse Using IoT with Android App | 3,7,9 | |
| | 21ECL09 | JEEVANANTHAM S | | | | |
| | 21ECL14 | MAYURINATHAN A | | | | |
| | 21ECL26 | VIKRAM P | | | | |
| 20 | 21EC008 | BHARATH. D. M | Ms.S.BRINDHA | Industrial attendance and access control system using face and biometric recognition | 8,9,12,16 | |
| | 21EC022 | GOKULPRASATH. S. R | | | | |
| | 21ECL16 | RAVISRINIVASAN M | | | | |

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| 21 | 21EC014 | DHARANIDHARAN R K | Ms.S.BRINDHA | Portable real time skin disease detection system using machin learning | 3,8,9,10 |  |
| | 21EC031 | INDHIRAKUMARAN S | | | | |
| | 21EC050 | MOOPANAR SHREERAM BHARATHIDASAN | | | | |
| 22 | 21EC078 | SHARMILA .S | Mr.G.RATHANA SABHAPATHY | Cloud-Based ECG monitoring and analyzing using IoT and Think Speak | 3,9,17 |  |
| | 21EC079 | SIVANANTHINI K | | | | |
| | 21EC089 | SWATHI R | | | | |
| 23 | 21EC013 | DHARANEESH M | Mr.G.RATHANA SABHAPATHY | IoT based speed control monitoring and accident avoidance using AI traffic sign detection | 8,11 |  |
| | 21EC028 | HARIVIGNESH K S M | | | | |
| | 21EC046 | MANIKANDAN M | | | | |
| 24 | 21EC083 | SRIDHAR M | Mr.G.PRAVEEN SANTHOSHKUMAR | Design And Optimization Towards Sustainable Automatic Green Slicing System | 11,12 |  |
| | 21ECL04 | GOKULRAJ S | | | | |
| | 21ECL27 | VISHNU.K | | | | |
| 25 | 21EC059 | PRAVEEN.M | Mr.G.PRAVEEN SANTHOSHKUMAR | Dairydigi-Digitizing Farm Records and processes for dairy farmers | 11,12 |  |
| | 21EC062 | RANGANATHAN.G | | | | |
| | 21EC082 | SOWNTHARYAN.D | | | | |

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| 26 | 21EC105 | YOGESHKUMAR S | Ms. V.PARAMESHWARI | An intelligent automatic traffic signal announcement system with emergency lane control using IOT | 11 |  |
| | 21ECL20 | R.SELVAGANAPATHY | | | | |
| | 21ECL23 | THAMARAIVENTHAN J | | | | |
| 27 | 21EC004 | AFSAR FARUK J | Ms. V.PARAMESHWARI | A Smart Drug Inventory and Supply Chain Tracking System Using IOT | 3,9,12,17 |  |
| | 21EC009 | BHARATH.J.K | | | | |
| | 21EC026 | HARIBALAJI S | | | | |
| 28 | 21EC007 | BALA SHASANTH J S | Ms.P.S. NIJI | Design of high performance 16 bit binary adder using hybrid and carry look ahead adder for VLSI system. | 4,7,9,12 |  |
| | 21EC024 | GOWTHAM M | | | | |
| | 21EC100 | VIMAL S V | | | | |
| 29 | 21EC065 | RUKUMANI M | Ms.P.S. NIJI | Digital Library and Laboratory Management System | 4,9,11,12 |  |
| | 21EC076 | SHARMIKA V | | | | |
| | 21EC093 | THILLAI ARASAN M K | | | | |
| 30 | 21EC073 | SELVA VISHNU M | Mr.M.SRINEVASAN | Drinking Water Pipeline Leak Detection And Control System | 3,9,11 |  |
| | 21EC099 | VIKRAM L | | | | |
| | 21ECL24 | VIJAY M | | | | |

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| 31 | 21EC071 | SAHANA R | Mr.G.PRABHAKARAN | Anti Collision Continuous Train Tracking and Monitoring System using IOT | 9,11 |  |
| | 21EC080 | SOWMIYA V | | | | |
| | 21EC090 | SWEDHA V | | | | |
| 32 | 21EC015 | DHINESH.A | Mr.D ANANDAKUMAR | Implementing machine learning to enhance communication and safety by hand gesture for immobility patient. | 3,9 |  |
| | 21EC018 | GAYALVANAN. V | | | | |
| | 21EC019 | GOKUL R | | | | |
| 33 | 21EC094 | THIRUKUMARAN B | Mr.D ANANDAKUMAR | Diabetic Retinopathy classification using Dense Net Model | 3,9 |  |
| | 21EC095 | VARSHINI S | | | | |
| | 21EC101 | VISHNU D | | | | |
| 34 | 21EC017 | FAIZUDEEN T | Mr.P.LOGAMURTHY | Enhanced Security Operation Center | 9,11,12 |  |
| | 21EC049 | MOHAMED NOWFAL | | | | |
| 35 | 21EC027 | HARIPRIYA.M | Mr.P.LOGAMURTHY | Smart Power Tracking and Controlling System using GSM Technology | 7,9,11,12 |  |
| | 21EC084 | SRIHARINI. K | | | | |
| | 21EC086 | SUBHA SREE. M | | | | |
| 36 | 21EC035 | JAYALAKSHMI J | Mr.C.PRABHU | Lead acid battery optimization and fault prediction using IOT | 7,9 |  |
| | 21EC041 | KAVIPRIYA S | | | | |
| | 21EC051 | MOUNIKA S | | | | |

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| 37 | 21EC067 | SABARINATHAN S | Mr.C.PRABHU | Modernizing poultry farming - A cloud based IoT management system | 3,9 |  |
| | 21EC070 | SANJEEV K | | | | |
| | 21EC072 | SANKAR P | | | | |
| 38 | 21EC021 | GOKULAKRISHAN C | Ms.V. GUNASUNDARI | Detective health care analytics using alogorithm in random forest, descision tree, Naïve Bayes | 3,9,10,17 |  |
| | 21EC025 | GUHAN A | | | | |
| | 21ECL02 | CHANDRU S | | | | |
| 39 | 21EC047 | MOULI K | Ms.V. GUNASUNDARI | Lora Communication Enabled Smart Irrigation System With Sensor | 2,6,12,13 |  |
| | 21ECL01 | ARAVIND RAJ K | | | | |
| | 21ECL12 | LOGA PRASANTH S | | | | |
| 40 | 19EC024 | DINESH P | Ms.V.PARAMESHWARI | An IoT Enabled PLC Based Multichannel Temperature monitoring and Controlling System | 7,9,13 |  |

P. Kokila

(Project Coordinator)
Ms.P.Kokila

S. Kavitha

(Dean/ECE)
Dr.S.Kavitha