



SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
PULLOOR, KARIAPATTI – 626 115
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



15UEE804 - PROJECT WORK

BATCH DETAILS

ACADEMIC YEAR: 2020 - 2021 (EVEN)

YEAR/SEC: IV A & B

| Batch No. | Register No. | Name of the Student | Project Title | Project Guide |
|-----------|--------------|-----------------------|---|---------------------------|
| A1 | 2017103314 | T.SABARIPANDI | IOT BASED HIGH SAFETY ELECTRIC LINEMAN PROTECTION USING USER CHANGEABLE PASSWORD CONTROLLED CIRCUIT BREAKER | Mr. T. Murugan |
| | 2017103302 | D.ASAN MOHAMED REFAI | | |
| | 2017103042 | M.MANIKANDAN | | |
| A2 | 2017103009 | M.AMEERKAJAMASTHAN | SPIDER OPTIMIZED SPEED CONTROL OF BLDC MOTOR | Mr. S. Sugumar |
| | 2017103013 | BHARATHWAJ | | |
| | 2017103005 | M.AJITH KUMAR | | |
| A3 | 2017103319 | K.SURYA KUMAR | WIFI ENABLED SMART ENERGY METER | Mrs.S.Rohini |
| | 2017103312 | P.RUBAN | | |
| | 2017103313 | R.RUSKIN | | |
| A4 | 2017103024 | K.GNANAGURU | HYBRID AC TO DC AND DC TO AC CONVERTER FOR EV APPLICATION | Mr. Sugumar |
| | 2017103026 | M.GOKULA KRISHNAN | | |
| | 2017103025 | T.GOKULAKANNAN | | |
| A5 | 2017103004 | T.AJITH | AN EFFICIENT BI-DIRECTIONAL DC/DC CHARGER FOR ELECTRIC VEHICLE BATTERY CHARGING | Dr. S.Vijayarajan |
| | 2017103008 | N.AMAL RAJ | | |
| A6 | 2017103016 | B.DEIVASIGAMANI | AN INNOVATIVE AGRICULTURE AUTOMATION USING AGRIBOT | Dr. R.M. Sasiraja |
| | 2017103022 | J.FRANKLIN ALBERT RAJ | | |
| | 2017103003 | R.AHAMEDYUNUS | | |
| A7 | 2017103021 | F.FRANCISAROCKIYASAMY | IOT BASED ADVANCED POWER SYSTEM FLUCTUATION RECORDER | Dr. B. Meenakshi sundaram |
| | 2017103007 | S.AKILESH | | |
| | 2017103019 | I.DINESHMUTHU | | |
| A8 | 2017103306 | V.MANOJ KUMAR | WIFI ENABLED SOLAR MONITORING SYSTEM USING ARDUINO | Dr.Abdulkareem |
| | 2017103307 | C.MIDHUNCHANDRAN | | |
| | 2017103316 | F.SAMUELKAVINPANDIAN | | |

| Batch No. | Register No. | Name of the Student | Project Title | Project Guide |
|-----------|--------------|---------------------|---|--------------------|
| A9 | 2017103027 | S.GUHAN | MAXIMUM POWER POINT TRACKING WITH VARIABLE FREQUENCY DRIVE | Mr.T.HarishBabu |
| | 2017103028 | M.HARIKRISHNAN | | |
| | 2017103030 | T.HARISHBABU | | |
| A10 | 2017103036 | D.JEYASURIYA | SMART SAFETY ENHANCEMENT FOR MOUNTAIN ROADS | Dr.A.Srinivasan |
| | 2017103031 | R.HARISHBALAJI | | |
| | 2017103029 | M.HARIHARAN | | |
| A11 | 2017103035 | S.JEYASURYA | IOT ENABLED AUTOMATED EFFECTIVE INCUBATOR SYSTEM WITH SUB BAG SYSTEM FOR CHILD CARING | Mr.S.Kannadasan |
| | 2017103041 | P.MANIBHARATHI | | |
| | 2017103037 | J.JOELDASS | | |
| | 2017103012 | AZARUDHEEN | | |
| A12 | 2017103038 | J.KANNIKA | DESIGN AND IMPLEMENTATION OF GREENHOUSE MONITORING AND CONTROL SYSTEM USING IOT | Ms.V.S.Chitra |
| | 2017103014 | M.CHITRAKALA | | |
| | 2017103034 | K.JAMUNA RANI | | |
| A13 | 2017103043 | MANO PRIYA | MINIMIZATION OF LINE LOSSES WITH TCSC BY USING GA | Mr.K.Mahesh Kumar |
| | 2017103032 | HARSHINI SRI | | |
| A14 | 2017103040 | P.MAHESWARI | LOADING MARGIN IMPROVEMENT USING UNIFIED POWER FLOW CONTROLLER (UPFC) | Mr.K.Mahesh Kumar |
| | 2017103001 | S.AARTHY | | |
| A15 | 2017103002 | S.ABHILOSHINI | DESIGN & ANALYSIS OF MICRO INVERTER FOR PV GRID | Ms.S.Rohini |
| | 2017103020 | P.DIVYA | | |
| | 2017103039 | C.KAVITHALAKSHMI | | |
| B1 | 2017103071 | SATHISH A | SELF PARKING CAR | Dr. G. Soundradevi |
| | 2017103077 | SHEIK ABDULLAH A | | |
| | 2017103067 | RENGARAJ S | | |
| B2 | 2017103079 | SIVASHANKAR A | TRAIN COLLISION AVOIDANCE SYSTEM | Dr.K.Kanimozhi |
| | 2017103076 | SHANTHARAM B | | |
| | 2017103054 | MUTHUMANIKANDAN P | | |
| B3 | 2017103310 | PRASANNA S | INTELLIGENT ENERGY SAVING SYSTEM BASED ON STAND BY POWER REDUCTION | Dr.S.Vijayarajan |
| | 2017103304 | MAHENDRAN J | | |
| | 2017103305 | MANOBALA U | | |

| Batch No. | Register No. | Name of the Student | Project Title | Project Guide |
|-----------|--------------|--------------------------|---|--------------------|
| B4 | 2017103069 | SAKTHI NISHANTH V S | TRANSMISSION LINE MULTIPLE FAULTS DETECTION AND INDICATION TO ELECTRICITY BOARD | Dr. R.M. Sasiraja |
| | 2017103060 | NAVEENKUMAR M | | |
| | 2017103064 | RAHULRAJ B | | |
| B5 | 2017103062 | PRIYADHARSHINI G | CAR TO CAR COMMUNICATION BASED ON WIRELESS COMMUNICATION | Dr. J. Rahila |
| | 2017103061 | POOJA M | | |
| B6 | 2017103065 | RAJESHWARAN K | IOT BASED FRUIT QUALITY MANAGEMENT | Dr. G. Narmadha |
| | 2017103081 | SUYAMBUKUMAR K | | |
| | 2017103075 | SHAKIL AHAMED A | | |
| B7 | 2017103068 | RIYAZNI V V | SQUEEZNET BASED EFFECTIVE CLASSIFICATION OF COVID-19 IN CT IMAGES | Dr.G.Narmadha |
| | 2017103057 | NAGA NANDHINI P | | |
| B8 | 2017103318 | SIVAKUMAR A | AUTOMATIC FARMING FOR MINMUM WATER USAGE AND ANIMAL PROTECTION USING FENCING WITH GSM | Dr. J.Jeyashanthi |
| | 2017103317 | SENTHILKUMAR N | | |
| | 2017103073 | SENTHIL KUMAR D | | |
| B9 | 2017103311 | PRIYANGA S | AN IOT APPROACH FOR MONITORING WATER QUALITY USING NAVIE BAYES CLASSIFICATION | Dr. J.Jeyashanthi |
| | 2017103085 | VINITHA V | | |
| B10 | 2017103045 | MATHAN KUMAR S | ADVANCED SURVEILLANCE BY AUDIO PROCESSING USING MACHINE LEARNING TECHNIQUE | Ms.P.Meenalochini |
| | 2017103066 | RAKESH KANNAN M | | |
| | 2017103055 | MUTHU PANDI B | | |
| B11 | 2017103078 | SIVAKUMAR K | DAM WATER GATE CONTROL AND EARLY FLOOD DETECTION SYSTEM | Mr. K. MaheshKumar |
| | 2017103083 | VIGNESH S | | |
| | 2017103047 | MOHAMED AKSAN P S | | |
| B12 | 2017103072 | SAYED SAJIDH O R | IOT BASED INDUSTRIAL MONITORING | Mr.V.Muthuvel |
| | 2017103074 | SHAHUL HAMEED M | | |
| | 2017103303 | IYYAPPAN B | | |
| B13 | 2017103050 | MUNISH KANNA S | DENSITY BASED TRAFIC CONTROL | Mrs.R.S.BHARATHI |
| | 2017103049 | MOHAMMED AASIF HUSSAIN K | | |
| | 2017103315 | SAKTHIVEL V | | |
| B14 | 2017103301 | AJITHKUMAR A | IOT BASED SPEECH RECOGNITION OF HYBRID ELECTRIC VEHICLES USING RENEWABLE ENERGY RESOURCES | Mr.T.Murugan |
| | 2017103320 | THAVAMANI G V | | |
| | 2017103321 | VASIM KHAN S | | |

| Batch No. | Register No. | Name of the Student | Project Title | Project Guide |
|-----------|--------------|---------------------|---|-------------------|
| B15 | 2017103063 | RAGUL M | THYRISTOR CONTROLLED POWER FOR AC LOAD | Ms.V.S.Chita |
| | 2017103053 | MUTHU MANI MARAN M | | |
| | 2017103051 | MUNIESWARAN P | | |
| B16 | 2017103082 | VASANTHA KUMAR V | IOT BASED UNDERGROUND CABLE FAULT | Ms.C.Sonia |
| | 2017103084 | VIJAY RANGARAJ B | | |
| | 2017103052 | MUTHUKUMAR K | | |
| B17 | 2017103056 | NAGA MARI DOSS V | MODELLING AND PERFORMANCE ANALYSIS OF PV INTEGRATED IEEE TEST BUS SYSTEM | Mr.Syed Abdul Haq |
| | 2017103059 | NANTHA KUMAR C | | |

of head 08/10/2021
 COURSE INSTRUCTORS

V.S. Chita

08/10/2021

[Signature]
 HoD/EEE

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 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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15UGE710 MULTIDISCIPLINARY PROJECT Academic Year 2020-2021

| S.No | Batch No. | Student Name | DEPT. | Supervisor Name | Project Title |
|------|-----------|--------------------------|-------|-----------------------------------|----------------------------------|
| 1. | 1 | SELVIN JENOVA S A | Mech. | Dr. A. Senthil Kumar Principal | Prosthetic Arm using EMG Control |
| 2. | | SRIGOBINATH T | Mech. | | |
| 3. | | MOHAMED SHAHID AFRIDHI M | Mech. | | |
| 4. | | SAM CALEB J | ECE | | |
| 5. | | VIJAY K | ECE | | |
| 6. | | NANDHINI K | EEE | | |
| 7. | | SARAVANA MAYANDI K | EEE | | |
| 8. | 2 | PREM KUMAR M | Mech. | Dr.A.Merline Prof./ECE | MEDIROBO |
| 9. | | SANTHOSHKUMAR B | Mech. | | |
| 10. | | AKSHAYA VARSHINI S | CSE | | |
| 11. | | GUNA SANKARESWARI S | CSE | | |
| 12. | | SRINATH S | ECE | | |
| 13. | | THIRU MOORTHY R | ECE | | |
| 14. | | MAYANDI M | EEE | | |

| S.No | Batch No. | Student Name | DEPT. | Supervisor Name | Project Title |
|------|-----------|-----------------------|-------|--|---|
| 15. | 3 | NAVEEN VAIRAVAN S | Mech. | Dr.R.Murali Kannan Prof./Mech & CoE | Pill Delivery Robot |
| 16. | | RAJKUMAR P | Mech. | | |
| 17. | | AKASH SUNDAR R | EEE | | |
| 18. | | GAJAVEL SURYA M | EEE | | |
| 19. | | HEMALATHA S | IT | | |
| 20. | | KAMILABEGAM K | IT | | |
| 21. | 4 | GURU GOPINATH G | Mech. | Mr.R.Rajaguru, Assoc.Prof. /CSE | Wheel Chair with Health Recognition |
| 22. | | SIVA KUMAR E | Mech. | | |
| 23. | | MOHAMED ARZATH I | CSE | | |
| 24. | | MUTHU KARTHIK V | CSE | | |
| 25. | | MUTHUKUMAR N | CSE | | |
| 26. | | MOHAMED SOYAL A | EEE | | |
| 27. | 5 | KARTHIK MARIESWARAN G | Mech. | Dr. S.Vijayarajan, Assoc.Prof. /EEE | Automatic irrigation of agriculture field with weather forecasting |
| 28. | | LOGESH M | Mech. | | |
| 29. | | MANOJ PANDIAN S | CSE | | |
| 30. | | PAVITHRA R | CSE | | |
| 31. | | ATHILAKSMI S | EEE | | |
| 32. | | DEEPAK B | EEE | | |
| 33. | | SUJITHA S | EEE | | |

| S.No | Batch No. | Student Name | DEPT. | Supervisor Name | Project Title |
|------|-----------|---------------------|-------|-----------------------------|------------------------------------|
| 34. | 6 | SUJITHA S | CSE | Ms.K.Krishnaveni, AP /IT | Organ donation android application |
| 35. | | THARANI R | CSE | | |
| 36. | | ANGEL ANISHA N | EEE | | |
| 37. | | KISHORE KUMAR B R | IT | | |
| 38. | | NAVEEN KUMAR S | IT | | |
| 39. | | PRIYANKA BHARATHI K | IT | | |



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



15UEE608 – TECHNICAL PROJECT

BATCH DETAILS

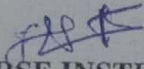
ACADEMIC YEAR: 2020 - 2021 (EVEN)

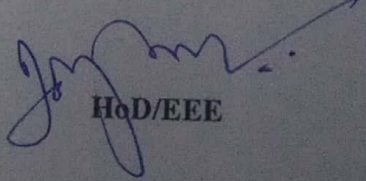
YEAR/SEC: III A & B

| Batch No | Register Number | Name of Student | Title of the project | Project Guide |
|----------|-----------------|--------------------|---|--------------------|
| A1 | 2018103001 | J.Aafrin Begum | Smart Blind Stick using Arduino | Mrs.P.Meenalochini |
| | 2018103029 | N.J.Jeya Dharini | | |
| | 2018103033 | M.Kanagavalli | | |
| A2 | 2018103045 | Mohammed Asraf M | Smart Energy meter | Mrs.P.Meenalochini |
| | 2018103310 | Jeyakumar M | | |
| | 2018103043 | Mathan kumar T | | |
| A3 | 2018103010 | K.Arunpandi | Arduino based smart irrigation system using IOT | Mr.S.Kannadhasan |
| | 2018103011 | G.Balamurali | | |
| | 2018103013 | K.Bhuvaneshwaran | | |
| A4 | 2018103002 | R. Aakash | Mobile phone detector | Dr.S.Vijayarajan |
| | 2018103019 | M. Ganesa Moorthy | | |
| | 2018103021 | S. Ganesh Prabhu | | |
| A5 | 2018103003 | Aakash S | IOT Based Speech Recognition Of Hybrid Electric Vehicles Using Renewable Energy Resources | Dr. J Jeyashanthi |
| | 2018103304 | Aswin D | | |
| | 2018103017 | DineshKumar S | | |
| A6 | 2018103331 | Yathavakannan V | Forest fire detection using opencv | Dr. J Jeyashanthi |
| | 2018103308 | Jayaprakash D | | |
| | 2018103313 | Karthikeyan P | | |
| A7 | 2018103018 | Elakkiya S | Smoke detector using Arduino | Dr. J Jeyashanthi |
| | 2018103022 | Gayathri K | | |
| | 2018103083 | Vidhya Lakshmi S | | |
| A8 | 2018103042 | Manoj.T | Self - Balancing Robot | Dr.G soundradevi |
| | 2018103302 | S.Amirtharaj | | |
| | 2018103007 | T.Alagarsamy | | |
| A9 | 2018103009 | J Arunkumar | MOSFET inverter with battery | Dr. J Jeyashanthi |
| | 2018103034 | D Karnan | | |
| | 2018103027 | A Imran ali | | |
| A10 | 2018103006 | P.Alagarsamy | Voice activated home automation | Mrs.P.Meenalochini |
| | 2018103008 | M.Arjun | | |
| | 2018103023 | C.Gopivasanth | | |
| A11 | 2018103301 | P Abdul Malik | Mobile controlled home appliances without microcontroller | Dr K Kanimozhi |
| | 2018103317 | Mohamed Sameem P P | | |
| | 2018103318 | Mohammed Fiyas K A | | |
| A12 | 2018103032 | Kalkisubbaian.S | Human following robot using Audrino | Dr.R.M.Sasiraja |
| | 2018103035 | Karthick Selvam.S | | |
| | 2018103028 | Jayakumar.S | | |

| Batch No | Register Number | Name of Student | Title of the project | Project Guide |
|----------|-----------------|------------------------|---|-------------------|
| A13 | 2018103005 | G.Akash | Automatic fan control and intensity control by using microcontroller | Mr.Syed Abdul Haq |
| | 2018103015 | K.Dinesh | | |
| | 2018103031 | S.Kadhar Hussian | | |
| A14 | 2018103014 | Dharshan G | Automatic phase charger in three phase supply | Mr.K.Mahesh kumar |
| | 2018103004 | Ajay Kumar | | |
| | 2018103038 | Lingeswarn | | |
| A15 | 2018103024 | GOWTHAM S | Automatic Plant Watering System Using Arduino | Mr T.Murugan |
| | 2018103025 | HARISH K | | |
| | 2018103039 | MANIKANDAN M | | |
| A16 | 2018103016 | Dinesh KO | Implementation of Automatic room light controller using Microcontroller | Mr T.Murugan |
| | 2018103026 | Ilaiya Prabhu R.M | | |
| | 2018103030 | Kadhar Hussain PS | | |
| A17 | 2018103012 | Balazi.m | Microcontrolling Base Monitoring | Dr.J.Rahila |
| | 2018103044 | Mohamed Rahumathulla Z | | |
| | 2018103329 | Vignesh.s | | |
| A18 | 2018103036 | Keerthika.g | Automatic doorlock using Aurdino | Mr T.Murugan |
| | 2018103037 | Lavanya.t | | |
| | 2018103046 | Mujammil Fathima. S | | |
| A19 | 2018103306 | Ganesh.K | High Voltage Fuse Blown Indicator With Voice Alert | Ms.C.Sonia |
| | 2018103309 | Jegan.S | | |
| | 2018103020 | Ganesh Kumar. S | | |
| B1 | 2018103051 | Pandeeswari S | Bidirectional visitors counter | Dr.K.Kanimozhi |
| | 2018103057 | Rakshana K | | |
| | 2018103058 | Ramya R | | |
| B2 | 2018103081 | Veera Sneha S | Underground communication system for mining safety | Mrs. V.S.Chitra |
| | 2018103088 | Yogeshwarl A | | |
| | 2018103080 | Vasihaa H | | |
| B3 | 2018103069 | Solaimalathi A | Driver Drowsiness Altering system | Dr.G.Narmadha |
| | 2018103048 | Nandhni M S | | |
| | 2018103053 | Prabavathi T | | |
| B4 | 2018103330 | Vishnu Dev S | Over Loading and Try Run protection of Agricultural Motor using Arduino UNO | Mr.C.Shiva |
| | 2018103324 | Saminathan N | | |
| | 2018103305 | Athavan M | | |
| B5 | 2018103325 | Sathish Kumar S | Covid 19 based Temperature Monitoring | Mr.T.Murugan |
| | 2018103307 | Gowtham M | | |
| | 2018103322 | Nagoor Meeran K | | |
| B6 | 2018103326 | Sheik Mohammed N | Face Recognition using ML to Deduct Vehicle Theft | Mr. V.Muthuvel |
| | 2018103303 | Annamalal B | | |
| | 2018103312 | Karthick A | | |
| B7 | 2018103327 | Surendar B | Robo to Robo Communication | Dr.S.Vijayarajan |
| | 2018103319 | Mohanraj A | | |

| Batch No | Register Number | Name of Student | Title of the project | Project Guide |
|----------|-----------------|----------------------|---|----------------------|
| | 2018103323 | Nithishkumar C | | |
| B8 | 2018103085 | Vishnu Prakash R | Bike Security System and GPS Tracking | Mrs.S.Rohini |
| | 2018103078 | Thineshkumar R | | |
| | 2018103079 | Vasanth M | | |
| B9 | 2018103082 | Vetrivel G | Home Automation Using Node MCU Controller | Dr.R.M.Sasiraja |
| | 2018103086 | Vishwas P | | |
| | 2018103089 | Yuvadashan B | | |
| B10 | 2018103066 | Siva G | E-vehicle state of charge estimation | Dr.J.Jeyashanthi |
| | 2018103068 | Sivakumar B | | |
| | 2018103074 | Suriyaprakash R | | |
| B11 | 2018103061 | Santhosh R | Indicator for Brake Failure | Dr.M.Abdul Kareem |
| | 2018103064 | Shanmugaprabhu S | | |
| | 2018103065 | Sheshanandhan C | | |
| B12 | 2018103047 | Mukesh Kannan S | GAS Leakage Detector | Mr.S.Sugumar |
| | 2018103060 | Samson K | | |
| | 2018103062 | Saravana Kumar B | | |
| B13 | 2018103050 | Nithishkumar T | Smart Traffic Management system | Mr. K.Mahesh Kumar |
| | 2018103052 | Parithikumar K | | |
| | 2018103055 | Rajapandi A | | |
| B14 | 2018103315 | Manibharathi R | Automatic Number Plate Recognition | Mr. S.Syed Abdul Haq |
| | 2018103320 | Muthukrishnan P | | |
| | 2018103321 | Muthumani S K | | |
| B15 | 2018103084 | Vinoth Kumar D | Touch Sensor Switch | Ms.C.Sonia |
| | 2018103311 | Kameshwaran P | | |
| | 2018103328 | Vetrivel M | | |
| B16 | 2018103054 | Prasanth M | Electronic Voting Machine Model | Mrs. R.S.Bharathi |
| | 2018103049 | Nithish Manikandan P | | |
| | 2018103056 | Rakesh M | | |
| B17 | 2018103070 | Sri Aswin A | Ups fault automatic detection | Mr.S.Kannadasan |
| | 2018103072 | Sudarmani Sakthi S | | |
| | 2018103073 | Sugumar M | | |
| B18 | 2018103076 | Tamilalagan R | IOT based Energy Meter System | Mr.T.Harish Babu |
| | 2018103063 | Saravanakumar R | | |
| | 2018103071 | Subash A | | |


COURSE INSTRUCTORS


HoD/EEE