

EASWARI ENGINEERING COLLEGE
Department of Electrical and Electronics Engineering

Project Work – Classification (2017-18)

| S. No | Name of the Student with Register Number | Title of The Project | Guide Name | Category (Social / Innovative / Industry) |
|--------------|---|--|-------------------|--|
| 1 | R.Aishwarya(310614105007) | Wearable Calling Band Using Body Conduction Principle | Dr.K.Mala | Innovative |
| | S.J.Dhivya(310614105027) | | | |
| | S.Menaka(310614105050) | | | |
| | M.Nonisha(310614105052) | | | |
| 2 | Y V Aishwarya(310614105008) | Child Rescue Robot | Mr.G Vignesh | Social |
| | M Jayasudha(310614105039) | | | |
| | P Meena(310614105049) | | | |
| | R S Nivetha(310614105061) | | | |
| 3 | Bavana K(310614105023) | Smart Voice Navigation system and Advanced cane for visually Impaired person | Ms.B.Ponkarthika | Social |
| | Gowsalya(310614105034) | | | |
| | Haritha M S(310614105037) | | | |
| | Mahalakshmi(310614105046) | | | |
| 4 | Aarthi S K(310614105001) | Estimation of state of charge and state of health of Lithium Battery | Dr.K.Mala | Industry |
| | Abinaya E(310614105002) | | | |
| | Ashika U(310614105020) | | | |
| | Janani E(310614105038) | | | |
| 5 | Krithin Kumar R(310614105044) | SAFER(Safety Analysis Fire Extinguishing Robot) | Mrs.R.Keerthana | Social |
| | Muhil P(310614105053) | | | |
| | M Nikhil Arjun(310614105059) | | | |
| | Nishanth K(310614105313) | | | |
| 6 | Bhavnes D(310614105305) | DUAL TRIPLE-PORT ACTIVE BRIDGE ISOLATED DC-DC CONVERTER | J.Lydia | Industry |
| | Dinesh Kumar N(310614105306) | | | |
| | K V Naveen Kumar(310614105312) | | | |
| | R Vijay Kymar(310614105315) | | | |
| 7 | Harihara Sudhan(310614105035) | A High – Voltage – Gain DC – AC Converter Based on | Mrs.M.Padma Priya | Industry |

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|--------------|---|--|----------------------|--|
| | Joshua(310614105040) | Revised Dickson charge Pump Voltage Multiplier | | |
| | Kiran Siddharth(310614105042) | | | |
| | Mahesh Kanna(310614105047) | | | |
| 8 | T.Aravindhan(310614105302) | Power Theft Detection in Overhead line Using IOT | Mr.V.Vijeesh | Social |
| | S.Asiq Ibrahim(310614105303) | | | |
| | N.Ganapathi(310614105307) | | | |
| | M.Naveen(310614105311) | | | |
| 9 | Charan Kumar G(310614105025) | Solar powered Locomotive Track Defect Locator | Mr.P.Senthilkumar | Industry |
| | Gokkula Kannen R J(310614105030) | | | |
| | Lokesh G(310614105045) | | | |
| | Bharath Kumar M(310614105024) | | | |
| 10 | M Gopala Krishnan(310614105032) | Real time implementation of IOT using M66 OPEN CPU for the dynamic control of conveyor belt fitted with DC Motor | Dr.R.Karpagam | Industry |
| | S Goutham(310614105033) | | | |
| | R Hari Lokeshwaran(310614105036) | | | |
| | R Muthu Veerappan(310614105054) | | | |
| 11 | A Arun KUmar(310614105016) | SMART CIVIL SUPPLY SYSTEM | Mrs.K.A.Indu Sailaja | Social |
| | G Arun Kumar(310614105017) | | | |
| | A S Arun Pravin(310614105019) | | | |
| | T Bala Murugan(31061410522) | | | |
| 12 | Mohanram C(310614105051) | AUTOMATED SMART PERSONAL TRANSPORTER | Dr.E.Kaliappan | Innovative |
| | Naganathan N(310614105056) | | | |
| | Nagarajan G(310614105057) | | | |
| | Nirmal M S(310614105060) | | | |
| 13 | Arjun(310614105014) | Manhole Automation | Mr.P.Marish Kumar | Social |
| | Arun.G(310614105015) | | | |
| | Fiyas Ahamed(310614105028) | | | |
| | Gokul Kumar(310614105031) | | | |
| 14 | Abisheck C S(310614105003) | IOT BASED MONITORING OF WIRELESS POWER STATION | Dr.E.Kalaiappan | Industry |
| | Audithya R(310614105021) | | | |
| | Ganesh A(310614105029) | | | |
| | Ajay S(310614105301) | | | |

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|--------------|---|---|---------------------|--|
| 15 | B Adithya(310614105006) | Power sharing Between Renewable Energy Using IOT | Mrs.D.Chandrakala | Industry |
| | V Ajay(310614105009) | | | |
| | R A Arun Prasath(310614105018) | | | |
| 16 | Keerthi Vasan S(310614105041) | Mine Detection BOT | Dr.E.Kaliappan | Innovative |
| | Kishore Gowtham.K.S(310614105043) | | | |
| | Manimaran S(310614105048) | | | |
| 17 | R Anand(310614105012) | Energy Generation and Conservation in Mobile Towers | Mr.P.Pushpakarthick | Industry |
| | S Anush Barat(310614105013) | | | |
| | A.Nabeesh Ahamed(310614105055) | | | |
| 18 | Abishek Suresh .S(310614105004) | An Automated medical waste separation using Arduino Microcontroller | Mrs.M.Deva Brinda | Social |
| | Akram Basha(310614105010) | | | |
| 19 | J.Adhityan(310614105005) | IOT based Vehicle Parking Management System | Mr.K.V.Thilagar | Social |
| | Amrith Raj S(310614105011) | | | |
| | Dheeraj Abilaji S(310614105026) | | | |
| | Naveen G(310614105058) | | | |
| 20 | M Padma Shri(310614105063) | Smart Surveillance For Bank Security | Mr.K.V.Thilagar | Social |
| | A PAdmini(310614105064) | | | |
| | E.Priyadarshini(310614105076) | | | |
| | K Shivani(310614105094) | | | |
| 21 | B.Priya(310614105074) | Automatic Prior Detection of Accidents And Potholes in Roads to Aid Drivers | Mr.V.Vijeesh | Social |
| | M.Sonia(310614105097) | | | |
| | M.A.Varsha(310614105113) | | | |
| 22 | S Reshma(310614105083) | Self Generative Electrical Vehicle | Ms.B.Ponkarthika | Industry |
| | M Sowndharya(310614105099) | | | |
| | R Surya(310614105103) | | | |
| | P M Swathe(310614105105) | | | |
| 23 | R Swathi(310614105106) | Multi - purpose smart Gardening Robot For Automated | Mr.G.Vignesh | Industry |

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| | S P Thara Sri(310614105111) Varsha S(310614105114) | LAWN Maintainance Using Internet of Things(IOT) | | |
| 24 | R Shivani(310614105095) C Shruthi(310614105096) S Roopa Jayapriya(310614105314) E Sasikala(310614105317) | E - Alert system _ automatic protection device for women | Mrs.R.Keerthana | Social |
| 25 | Tharani R(310614105110) Shabeer Baksha(310614105318) Sham Sundar(310614105319) Siva Prakash(310614105320) | Record and Play Moving Arm Robot With Colour Detector | Mr.K.V.Thilagar | Industry |
| 26 | Pranav V Sarma(310614105066) M Rahul(310614105077) R Renganathan(310614105080) D Sai Prasad(310614105084) | Design and Development of Artificial Wind Tree Micro - Grid Power Generation. | Dr.E.Kaliappan | Innovative |
| 27 | Prithivirajan KA(310614105073) Thanveer Shimaq A(310614105109) Vijayanand M(310614105120) Syedu Muhammed M(310614105107) | Image Processing based Touchless Power Control using Augmented Reality | J.Lydia | Industry |
| 28 | Prasanna Nimbalkar(310614105069) Ramakrishnan G(310614105078) Rengarajan N(310614105081) Sriram A(310614105100) | Regenerative Quadcopter for Longer Flight Duration | Dr.K.Mala | Industry |
| 29 | Sakthivel T(310614105087) Swaminathan G(310614105104) Tharun G(310614105112) Venkatesh V(310614105118) | Highly sensitive pin accessibility for ATM using human body communication | Dr.R.Karpagam | Industry |
| 30 | Veera Raghavan M(310614105116) S.Gowtham Shankar(310614105309) B.Bharathiraja(310614105304) S.Naresh(310614105310) | Head Movement Controlled Wheel Chair | Dr.R.Karapagam | Social |
| 31 | R. Poongothai(310614105065) | Optimisation of Fault Current Limiter Placement in IEEE | Mrs.M.Deva brinda | Industry |

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|--------------|---|---|----------------------|--|
| | K. Reshma(310614105082) L. Praveena(310614105501) | 30 bus Distribution system using ETAP Software | | |
| 32 | Pranesh P(310614105067) Sathiya Seelan D(310614105091) Surendhar D(310614105101) Priyadharshan S(310614105075) | Single- Switch voltage equalizer using multi staced buck-boost converters for partially shaded photovoltaic modules | Mrs.R.Keerthana | Industry |
| 33 | Vishaal Prabhakar(310614105122) Varun K(310614105115) Suresh Kumar P(310614105102) Pranov Kumaran K(310614105068) | Automatic medicine tray with Line Follower Robot Navigation | Mrs.Baby Shynela | Social |
| 34 | Rehan Abrar F(310614105079) Sakthivel M(310614105086) Sootuchamy V(310614105098) Tamil Mani P R(310614105108) | Battle field debris clearance Robot | Mrs.K.A.Indu Sailaja | Social |
| 35 | Shankara Narayanan K(310614105092) Saravanan R N(310614105090) Santhosh Kumar M(310614105089) Padmanaban U(310614105062) | IOT based smart energy meter | Mrs.M.Padma Priya | Industry |
| 36 | Sharath Rajagopalan(310614105093) Prem R(310614105072) C.Ganesh Kumar(310614105308) | Flexible low power IOT Controller for solar panel cleaning | Mr.P.Pushpakarthick | Industry |
| 37 | Praveen P (08/09/1996)(310614105070) Venkatesan S(310614105117) Vigneshwar T S(310614105119) Yokesh K(310614105123) | Solar Powered street light monitoring system using ZIGBEE communications and Sensors. | Mr.P.Marish Kumar | Social |
| 38 | Praveen P(07/04/1997)(310614105071) Sam Prakash M(310614105088) Vijayaragavan M(310614105121) B.Sai Balaji(310614105316) | Implementation of transformer winding tap injection DSTATCOM topology for reactive power compensation | Mrs.D.Chandrakala | Industry |
| 39 | Sai Prasad R(310614105085) | Smart Agriculture using Sensors and Image Processing System. | Mr.P.Senthilkumar | Social |

Project Work – Classification (2016-17)

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / Industrial | Type |
|-----------|-----------------|-----------------------|---|-----------------------|---------------------|
| 1 | 310613105013 | Ashwath Narayan.R | Intelligent PV module with Enhance Efficiency | In-House | Research Based |
| | 310613105003 | Akilesh.G | | | |
| | 310613105026 | Gobalakrishnan.G.V | | | |
| | 310613105019 | Deepan Raj.D | | | |
| 2 | 310613105030 | Harathy.G | Self Powered Mobile Towers Using SBC | In-House | Social Relevant |
| | 310613105025 | Geraldene Anita.J | | | |
| | 310613105054 | Mary Kaaviya.A | | | |
| | 310613105307 | Sujith.V | | | |
| 3 | 310613105053 | Manoj Kumar.B | An Affordable wearable device for Continuous monitoring of children's Pneumonia | External | Social Relevant |
| | 310613105055 | Mohamed Asif Hassan.H | | | |
| | 310613105048 | Madhumita Krishnan | | | |
| | 310613105027 | Gobinath.B | | | |
| 4 | 310613105034 | Jaganathan S | Model Predictive MPPT Control based Solar Power | External | Industry Need Based |
| | 310613105022 | Divya Abirami R | | | |
| | 310613105304 | Ramesh Kumar K | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / Industrial | Type |
|-----------|-----------------|----------------------|--|-----------------------|-----------------|
| | 310613105308 | Surendher E | Conditioning Unit | | |
| 5 | 310613105004 | C.Akshay | An Optimal and Learning based demand response and Energy Management System | In-House | Innovative |
| | 310613105001 | N.Aakash | | | |
| | 310613105021 | Dineshkar S | | | |
| | 310613105009 | M.Arun | | | |
| 6 | 310613105002 | Aarthy D | Avegule Transit Aid System | In-House | Social Relevant |
| | 310613105005 | Anandhu Ajith Vyas | | | |
| | 310613105017 | Chitharthan S | | | |
| | 310613105018 | Cynthia E | | | |
| 7 | 310613105044 | V Kishore | E Vehicle System Automatic Speed Control Using Zigbee Protocol | In-House | Innovative |
| | 310613105008 | P Aravind | | | |
| | 310613105057 | Mohammed Umar S | | | |
| | 310613105314 | Yogeshwar T | | | |
| 8 | 310613105006 | S.Anitha | Low cost Plug-in hybrid Electrical Vehicle | In-House | Innovative |
| | 310613105034 | Indumathi E | | | |
| | 310613105056 | Mohammad Fazil H | | | |
| 9 | 310613105036 | R.Jaganivasan | Smart Patch for Stress Relief | In-House | Social Relevant |
| | 310613105024 | Ganesh Arvind C | | | |
| | 310613105028 | Gokulakrishnan J | | | |
| | 310613105033 | G.Harish | | | |

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|-----------|-----------------|----------------------|--|-----------------------|---------------------|
| 10 | 310613105031 | K.Harini Sri | Implementation of Excitation Control in Alternators using PLC in combination with multiplexer | External | Industry Need Based |
| | 310613105007 | P.Anupriya | | | |
| | 310613105051 | S.Manju | | | |
| | 310613105038 | kannan | | | |
| 11 | 310613105039 | S.karthikeyan | Design and Implementation of Single Phase SPWM based pure sine Wave inverter for Standalone PV Application | In-House | Research Based |
| | 310613105040 | A.Kavya | | | |
| | 310613105309 | T.thirupathi | | | |
| | | | | | |
| 12 | 310613105032 | Harinya.K | Reading Assistance System for Visually Challenged Individuals Using OCR and Machine Learning | In-House | Social Relevant |
| | 310613105047 | K.Logesh Kumar | | | |
| | 310613105011 | Arvind.R.Prakash | | | |
| | 310613105010 | Arun Shankar.S | | | |

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|-----------|-----------------|----------------------|--|-----------------------|---------------------|
| 13 | 310613105029 | Gosakan | Mine detecting Rover | In-House | Innovative |
| | 310613105014 | Aswath.R | | | |
| | 310613105043 | Kishore.M | | | |
| | 310613105042 | Keshav | | | |
| 14 | 310613105016 | Balaji.K | High Performance Solar PV system with High Efficient DC-DC Converter | In-House | Research Based |
| | 310613105015 | Azzarudeen Ahmed.R | | | |
| | 310613105041 | Keerthi Prasanna.M | | | |
| | 310613105035 | Jacob Zacharia.PS | | | |
| 15 | 310613105049 | N.Malli Chetty | Microcontroller Based Cooling Tower Control | External | Industry Need Based |
| | 310613105052 | S.Manoj | | | |
| | 310613105012 | V.Ashok Varadhan | | | |
| | 310613105020 | I.Dinesh | | | |
| 16 | 310613105023 | Divya Bharathi M | Power Imbalance Control in Photovoltaic Power plant using Delta connected cascaded H-Bridge Multilevel Converter | In-House | Research Based |
| | 310613105046 | Lingeswari S M | | | |
| | 310613105050 | Manimala M | | | |
| | 310613105310 | Vaitheshwaran V | | | |
| 17 | 310613105070 | N.Rajesh Kumar | Vertical Axis | In-House | Industry Need Based |

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|-----------|-----------------|----------------------|---|-----------------------|---------------------|
| | 310613105086 | P.Sreeram | Wind Turbine Power Generation and Load Sharing Using PIC Controller | | |
| | 310613105065 | S.Prasanth | | | |
| | 310613105302 | A.Gokul | | | |
| 18 | 310613105064 | S.T. Prasanna | Design and Implementation PV- Wind Hybrid System Using Power Conditioning Units | In-House | Social Relevant |
| | 310613105088 | S.Srividhya | | | |
| | 310613105089 | Srividya.S | | | |
| | 310613105301 | J.H.Fouzul Rahman | | | |
| 19 | 310613105311 | P.Varadharajan | Energy Auditing and Evaluation Of Harmonics In Our College Campus | In-House | Industry Need Based |
| | 310613105069 | A.Rajalakshmi | | | |
| | 310613105306 | S.Sathiyarayanan | | | |
| | 310613105313 | V.Vikram | | | |
| 20 | 310613105102 | P.Vignesh | Smart Solar Vehicle | In-House | Industry Need Based |
| | 310613105083 | V.T.Senthil Selvan | | | |
| | 310613105091 | A.Sunil | | | |

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|-----------|-----------------|----------------------|--|-----------------------|-------------------|
| | 310613105104 | V.Vigneshwar | | | |
| 21 | 310613105101 | G.Vignesh | The Smart System for Improving Batsmen Efficiency In Cricket | In-House | Innovative |
| | 310613105059 | K.Muralikrishnan | | | |
| | 310613105110 | E.S.Yukesh | | | |
| | 310613105109 | K.S.Yashwanth | | | |
| 22 | 310613105103 | Vignesh Ravi | Affordable Diagnostic Infused Thermal Incubator | External | Social Relevant |
| | 310613105106 | Vijayakumar A | | | |
| | 310613105060 | Naveen Balakumar KTS | | | |
| | 310613105079 | Saranganivas R | | | |
| 23 | 310613105074 | N.Rohit Srinivasan | Genesis of Smart Card | In-House | Application Based |
| | 310613105063 | B.Prakash | | | |
| | 310613105085 | A.P.Sree Viknesh | | | |
| | 310613105073 | R.Revanth | | | |
| 24 | 310613105058 | Mohammed Zeeshan | Human Tremor Analysis and Control | In-House | Social Relevant |
| | 310613105076 | Sachindra Ragul | | | |
| | 310613105066 | Prem.J | | | |
| | 310613105108 | K.Vinoth | | | |
| 25 | 310613105312 | Vignesh M | Single Switch | In-House | Research Based |

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|-----------|-----------------|--------------------------|---|-----------------------|---------------------|
| | 310613105098 | Varsha c.satish | Isolated Quasi Z-Source DC-DC Converter for Photovoltaic Application | | |
| | 310613105303 | Jaganathan M | | | |
| | 310613105078 | sangeetha T | | | |
| 26 | 310613105099 | Varun.S | Environment Recognition and Safety Protocol for Fire Fighters | In-House | Social Relevant |
| | 310613105100 | Vidhya Venkat | | | |
| | 310613105105 | Vigneshwaran | | | |
| | 310613105305 | B.Saravana Shankar | | | |
| 27 | 310613105082 | Sathiya.J | Hybrid MPPT Technique Using Fuzzy Logic and Ant Colony for the Effect Of Solar Pumping Head | In-House | Research Based |
| | 310613105095 | Tamil Arasi.T | | | |
| | 310613105093 | Swarna Priya Dharshini.J | | | |
| | 310613105075 | P.Sabarinathan | | | |
| 28 | 310613105068 | Priyanka.S | PLC Based HMI Design of Inter Connecting transformer Protection and control | In-House | Industry Need Based |
| | 310613105067 | Priya Dharshini.S | | | |
| | 310613105087 | Srinithi | | | |

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|-----------|-----------------|----------------------|---|-----------------------|-----------------|
| 29 | 310613105094 | Swathi.G | MPPT for PV based SEPIC Inverter Cascaded System | In-House | Research Based |
| | 310613105092 | Suvalakshmi.S | | | |
| | 310613105072 | Rathnakala.G | | | |
| | 310613105061 | Nisha.B | | | |
| 30 | 310613105097 | Vaishnavi.D | SWACHH YANTRAMAN AV (A Multipurpose Cleaning Robot) | In-House | Social Relevant |
| | 310613105062 | Pavatharene.K | | | |
| | 310613105080 | Sarath kumar.K | | | |
| | 310613105084 | Siva kumar.G | | | |
| 31 | 310613105077 | Sangeetha.B | ANURAKSH- Wearable for women safety with self defence system using Bluetooth and Raspberry Pi | In-House | Social Relevant |
| | 310613105096 | S.Vaishali | | | |
| | 310613105081 | Sathish Kumar.J | | | |
| | 310613105090 | M.Subham | | | |
| 32 | 310613105071 | Ramya.v | Design And Development Of Dry Leaf Recycler and Compost Depositing System | In-House | Social Relevant |
| | 310613105111 | Yuvaraj.P | | | |

Project Work – Classification (2015-16)

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|------------------|------------------------|-----------------------------|---|----------------------------|-----------------|
| 1 | 310612105074 | S. Sahana | Fuzzy Based Speed Control, Regenerative Braking And Open Switch Fault Protection For Three Phase BLDC Motor | In-House | Research Based |
| | 310612105073 | K.Z. Riyazul Huq | | | |
| | 310612105318 | M. Niranjan | | | |
| | 310612105304 | D. Ashraf Ali | | | |
| | 310612105091 | M. Sriraman | | | |
| 2 | 310612105078 | M. Sathish | Prevention Of Electrocution From Fallen Distribution Lines | In-House | Social Relevant |
| | 310612105077 | G.Sanjaykumar | | | |
| | 310612105067 | R.Rajakumar | | | |
| | 310612105072 | Riti P Kumar | | | |
| 3 | 310612105057 | G.R.Pavithra | A New Fault Location Algorithm For Series Compensated Extra | In-House | Innovative |
| | 310612105065 | D.Ragavi | | | |
| | 310612105095 | S.Thatchinamoorthy | | | |

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|-----------|-----------------|----------------------|--|---------------------|---------------------|
| | 310612105096 | M.Ulaganathan | High Voltage Transmission Line Using Fully Adaptive Phasor Measurement Unit | | |
| 4 | 310612105106 | K.S.Vivin | Implementation Of Multipower Generation System Using Railway Traction System | In-House | Application Based |
| | 310612105086 | P.Sivaprakash | | | |
| | 310612105097 | P.Vasanth | | | |
| | 310612105312 | E.Kameshwaran | | | |
| 5 | 310612105076 | E.Sandiya | X10 Protocol Based Data Transmission Through Power Line For Protection Of Induction Motors | In-House | Industry Need Based |
| | 310612105088 | D.Sowmiya | | | |
| | 310612105083 | S.Shrivatsav | | | |
| | 310612105092 | Sulthan | | | |
| 6 | 310612105064 | B.Priyanka | Power Factor Correction Of PMBLDC Motor Using Isolated Zeta Converter | In-House | Industry Need Based |
| | 310612105308 | S.G.Gokul Raaj | | | |
| | 310612105315 | N.Kirubakar | | | |
| | 310612105325 | S.Sethupathy | | | |

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|------------------|------------------------|-----------------------------|--|----------------------------|---------------------|
| 7 | 310612105056 | J.H.Oscar | High Performance Discrete Time MIMO Logic Control For BLDC Motor Speed Regulation | In-House | Research Based |
| | 310612105081 | S.Sheik Dawood | | | |
| | 310612105326 | P.Tamizharasan | | | |
| | 310612105098 | P.Vasigaran | | | |
| 8 | 310612105103 | G.Vinodhini | Design Of Smart Home For People With Locked In Syndrome Using Brain Computer Interface | In-House | Social Relevant |
| | 310612105309 | P.Indumathi | | | |
| | 310612105317 | P.Murali | | | |
| | 310612105087 | G.Sivaranjani | | | |
| 9 | 310612105071 | R.Revathy | Vision Based Intelligent Front Light System Using Led | In-House | Social Relevant |
| | 310612105075 | R.Sai Vijayeendra | | | |
| | 310612105327 | Venkatesan | | | |
| | 310612105324 | Satheesh Balaji | | | |
| | 310612105060 | Pranav Kumar | | | |
| 10 | 310612105090 | S.Sreyas | Design Of A Compact Tool | In-House | Industry Need Based |
| | 310612105102 | R.Vijayakumar | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|------------------|------------------------|-----------------------------|---|----------------------------|-----------------|
| | 310612105105 | Vishnu Vardhan | For Quality Certification Of Vibration Sensor | | |
| | 310612105066 | Rahul | | | |
| 11 | 310612105104 | M.Vinodhini | Integrated on-board diagnostics for vehicular emission monitoring using internet of things(IOT) | External | Innovative |
| | 310612105082 | S.Shilpi | | | |
| | 310612105068 | Raj Kumar | | | |
| | 310612105324 | I.Karthikeyan | | | |
| 12 | 310612105079 | M.Selvadurai | Implementation Of Peltier Sensor For Generating Voltage From Human Body Using In A Low Power Applications | In-House | Innovative |
| | 310612105069 | R.Ramkumar | | | |
| | 310612105061 | K.Prashanth | | | |
| | 310612105084 | A.Shyam Prakash | | | |
| 13 | 310612105058 | M.Pooja | Cadaver And Forensic Data Management In The Design Of Mortuary Using PLC & SCADA System | In-House | Social Relevant |
| | 310612105328 | A.Vignesh | | | |
| | 310612105070 | N.Renuka | | | |
| | 310612105301 | R.Akshay Kumar | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|-----------|-----------------|------------------------|--|---------------------|-----------------|
| 14 | 310612105089 | V.Sreeram | Advanced Toll Automation Using RFID | In-House | Innovative |
| | 310612105093 | R.Surendar Rahul | | | |
| | 310612105094 | S.Suresh Kumar | | | |
| | 310612105107 | J.Yuvaraj | | | |
| 15 | 310612105080 | D.Shanmugaraja | Improving Performance Of E-Bicycle By Using Smart Turbine Setup | In-House | Research Based |
| | 310612105059 | R.Pradeep | | | |
| | 310612105099 | R.Venkatesh | | | |
| | 310612105101 | Vigneshwaran | | | |
| 16 | 310612105702 | B.Kribakaran | H6 Transformerless Grid – Tied Inverters For Renewable Applications | In-House | Research Based |
| | 310612105100 | S.Vignesh | | | |
| | 310612105303 | Ashok Raja | | | |
| | 310612105085 | Singaravelan | | | |
| 17 | 310612105014 | Anirudhan K.S | Disaster management and rescue operation using radio frequency communication | External | Social Relevant |
| | 310612105042 | Karthick Chidabaram .S | | | |
| | 310612105015 | Aravind .S | | | |
| | 310612105046 | Krishna. D | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|-----------|-----------------|-------------------------|---|---------------------|---------------------|
| 18 | 310612105040 | Kapil .M | Design and implementation of MAS in renewable energy Power generation system | External | Research Based |
| | 310612105030 | Gokul Pandian .C | | | |
| | 310612105033 | Hariharasudan .R | | | |
| | 310612105320 | S.Rakesh | | | |
| 19 | 310612105001 | Abhilash Unnikrishnan | Thermal power plant Based automatic coal conveyor system | In-House | Industry Need Based |
| | 310612105011 | Akshay Jayakumar | | | |
| | 310612105052 | Mohamed Javed Charar .M | | | |
| | 310612105310 | I.Jayakumar | | | |
| 20 | 310612105009 | Akkshara .C.G | Load Frequency Control Of Two Area Smart Grid Using Neuro Fuzzy | In-House | Research Based |
| | 310612105038 | Jeyakeerthana .J | | | |
| | 310612105020 | Arivazhagan. K | | | |
| | 310612105901 | S.K. Rishikesh | | | |
| 21 | 310612105026 | Deepak .M | Design And Implementation Of Domestic Wind Turbine Using Solar Powered Electromagnets | In-House | Research Based |
| | 310612105016 | Aravindan. J | | | |
| | 310612105029 | Dinesh. M | | | |
| | 310612105028 | Dharmaraj .K | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|------------------|------------------------|-----------------------------|--|----------------------------|---------------------|
| 22 | 310612105027 | Devarajan. D | Biomechanical Energy Generator For Off Grid Users | In-House | Innovative |
| | 310612105035 | Iyyappan .M | | | |
| | 310612105032 | Hariharan .S | | | |
| | 310612105034 | Henna Shahani | | | |
| 23 | 310612105041 | Karthick .T.N | Optimized solar powered vehicle for The physically challenged with Location tracking | In-House | Social Relevant |
| | 310612105007 | Ajith Kumar .V | | | |
| | 310612105051 | Meiarul Selvam. R | | | |
| | 310612105006 | Ajaykumar. U | | | |
| 24 | 310612105044 | Karthik .R | Automatic Smart city Power Consumption Control Unit. | External | Industry Need Based |
| | 310612105043 | Karthick Sundar .S | | | |
| | 310612105055 | Nithesh .P | | | |
| | 310612105036 | Jagadeeswaran .M | | | |
| 25 | 310612105050 | Manoj. S | Energy audit implementation for college campus | In-House | Industry Need Based |
| | 310612105031 | Govindan .V | | | |
| | 310612105018 | Aravinthraja I.P | | | |
| | 310612105323 | M. Sankara Narayanan | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|-----------|-----------------|-------------------------------|--|---------------------|---------------------|
| 26 | 310612105054 | Nandhakumar. G | Implementation of Distributed power flow controller for mitigation of voltage sag/swell | In-House | Industry Need Based |
| | 310612105048 | Lakshmi Narayanan R | | | |
| | 310612105307 | K.Ganesh Babu | | | |
| | 310612105319 | M.Rajkumar | | | |
| 27 | 310612105045 | Keerthana. I | Temperature Sensor Based Intelligent Cooling And Cleaning Mechanism For High Efficiency Solar Panels | In-House | Research Based |
| | 310612105005 | Aishwarya .G.V.P | | | |
| | 310612105023 | Balaguru. S | | | |
| | 310612105311 | V.Kamal | | | |
| 28 | 310612105004 | Aishwarya .B.V | Visible light communication link protection mechanism for smart factory | In-House | Industry Need Based |
| | 310612105021 | Athiya R.V | | | |
| | 310612105012 | Akshay Venkata Subramanian. R | | | |
| | 310612105008 | Akash .K | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|-----------|-----------------|----------------------|--|---------------------|---------------------|
| 29 | 310612105010 | Akshaya .S | Solar PV Array Fed BLDC Motor Drive Using Particle Swarm Optimization (Mppt) For Smart Irrigation System | In-House | Research Based |
| | 310612105025 | Bhavani .P | | | |
| | 310612105316 | T.Manimegalai | | | |
| | 310612105002 | Abinaya. G | | | |
| 30 | 310612105053 | Monishaa .S.S | Smart Soot Blower Employing Temperature Sensor With Improved Efficiency And Economy | In-House | Industry Need Based |
| | 310612105306 | R.Divya | | | |
| | 310612105322 | R.Ruhid | | | |
| | 310612105047 | Lakshmi Krishnaswamy | | | |
| 31 | 310612105003 | Aishwariya. A | An High-Power 3-Level Interleaved Flyback Inverter For Photovoltaic Applications | In-House | Research Based |
| | 310612105049 | Maneesha. R | | | |
| | 310612105037 | Jaihind .G | | | |
| | 310612105302 | P.Arun Kumar | | | |

| Batch No. | Register Number | Name of the Students | Title Of The Project | In-House / External | Type |
|------------------|------------------------|-----------------------------|--|----------------------------|----------------|
| 32 | 310612105019 | Archana .G | FPGA Basedd Image Processing For Face Detection | In-House | Research Based |
| | 310612105022 | Bala Chandran. S | | | |
| | 310612105024 | Balaji .K | | | |
| | 310612105313 | M.Karthick | | | |