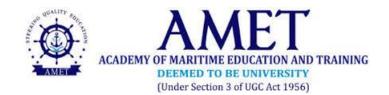


IDENTIFICATION OF PROJECTS FOR BATCH 2017-2021

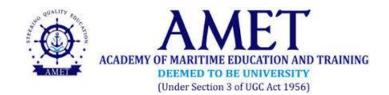
| S. No | Name of the Student | Name of the Supervisor | Title of the Project | Category | |
|----------|--|---------------------------|--|----------------|--|
| 1 | NIRMAL KUMAR B BALAMURUGAN K BRIJESH C R | Dr.T. Sasilatha | Gesture Control Of Ship And Accident Control Techniques Using Ai | APPLICATION | |
| | SURYA PRASAD A | | Using Al | | |
| 2 | I HASHEEM SHARIFF MOHAMED YASEER N PRATIK KUMAR GUPTA JOEL | Dr.V. Karthikeyan | Remote Wireless Charging For Electric Vehicle | APPLICATION | |
| 3 | SRIDHAR SANTHOSH B RUDRAN V MOHAMED NAJEEM N | Mrs. Rajasree | SCADA Based System For Controlling And Monitoring Boiler In Ship | APPLICATION | |
| 4 | MOHAMMED AZHAIR M S MOHAMMED SHUAIB K SUDARSHAN K ABHISHEK M DEEPAK | Dr. Lakshmi | Electric Vehicle Emergency Charging Tent | RESEARCH | |
| 5 | MANIVANNAN DS HEMANTH RAJ R KARTHICK R NAVEEN P | Mrs. Tamilpavai | Man Overboard Tracker Based On A Multi- Sensor With RSSI Wireless Technology. | IMPLEMENTATION | |
| 6 | AAGASH G PRADEEP M VIGNESH K AKASH K | Ms. Padmapriya | Wireless Black Box Using Mems Accelerometer And GPS Tracking For Accidental Monitoring Of Vehicles Using Artificial Intelligence | IMPLEMENTATION | |
| 7 | MANOJ KUMAR R YOGESH KUMAR A VINNARASI V MAHESHWARAN A | Mr. P. Veerakumar | Landslide Detection And Warning Systems | IMPLEMENTATION | |
| 8 | DURAIPANDI A VEERAPATHIRAN M C ADARSH P BALA GANESH P | Dr. G. Themozhi | Smart Card Based Electricity Payment And Energy Sharing Through IoT | IMPLEMENTATION | |
| 9 | PURUSHOTHAMAN N EZHIL ARASAN R HARIHARAN N NAVEEN B | Mrs.Padmashini | Electric Vehicle Based On Multilevel Inverter For Smooth Starting | APPLICATION | |

| | VIKNESH S | | Power Quality Improvement | |
|----|----------------|---------------------------------------|---------------------------------------|-------------|
| | P DHANASEKAR | Mrs.Jegadeeswar | And Speed Control Of | |
| 10 | DINESH R | i i i i i i i i i i i i i i i i i i i | Switched Reluctance Motor | APPLICATION |
| 10 | | 1 | Using Fuzzy Logic Controller | ATTLICATION |
| | MANOJ C K | | For Electric Vehicle | |
| | | | Applications | |
| | ARUN KUMAR K S | | | |
| 11 | ARUN P | Mr. Amirtharaj | DTMF Controlled Robot | APPLICATION |
| 11 | NAVIN ANAND | | Without Using Microcontroller | AFFLICATION |
| | BALAJI M | | | |
| 12 | UDHAYAKUMAR A | Dr.T. Baldwin Immanuel | Solar Powered Qazi Z Source | |
| | VENKATESAN K | | Network To Estimate Energy | APPLICATION |
| | JAYA SURYA G | IIIIIIaiiuei | Management And Electric Propulsion | ATTLICATION |



PROJECTS PRESENTED/PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES BY STUDENTS (2017-2021)

| S.No | Name of the Students | Title of the Paper | Name of the Conference | Venue | Date |
|------|--|--|--|--|-------------------------------------|
| 1 | S. Viknesh P. Dhanasekar R. Dinesh C.K. Manoj | Implementation of thirty one level cascaded multilevel inverter fed brushless dc motor drive applications | International E-Conference On "Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility" (ICCORSE- 2020) | SRM Easwari Engineering College, Chennai | 30.07.2020 & 31.07.2020 |
| 2 | S. Viknesh P. Dhanasekar R. Dinesh | Ms. G. Jegadeeswari | Simulation and Implementation of Thirty-One Level Cascaded Multilevel Inverter fed Brushless DC Motor Drive Applications | Journal of Xidian University | Vol: 14, Issue: 7, July 2020 |
| 3 | L. Patrica | Mr. C. Gnanavel | Experimental Investigation of Hybrid Battery/Super Capacitor Energy Storage System for Electric Vehicles | International Journal of Advanced Science and Technology | Vol: 29, Issue: 4s, 2020 |
| 4 | M. Abisha | Dr. D. Lakshmi | SMEC Coil and PV Fed Z- Source Inverter based Electric Vehicle with Fuzzy Based speed control | Journal of Interdisciplinary Cycle Research | Vol: XII, Issue: III, March 2020 |



PROJECTS PRESENTED/PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES BY STUDENTS (2020-21)

| S.No | Name of the Students | Title of the Paper | Name of the Conference | Venue | Date |
|------|--|--|--|---|--------------------------------|
| 1 | S. Viknesh P. Dhanasekar R. Dinesh C.K. Manoj | Implementation of Power Factor Correction Boost Converter fed SRM for EV Applications | International Conference on Sustainable Innovation in Science & Technology (ICSIST'21) | G H Raisoni University, Saikheda, MP | 26.02.2021 to 27.02.2021 |
| 2 | S. Viknesh P. Dhanasekar R. Dinesh C.K. Manoj | Performance Analysis of BLDC Motor with Multilevel Inverter | International E -Conference on Recent Trends and Technologies in Soft Computing (ICRTSC'20) - 2020 | St. Peter's Institute of Higher Education and Research, Chennai | 28.09.2020 & 29.09.2020 |
| 3 | S. Viknesh P. Dhanasekar R. Dinesh C.K. Manoj | Implementation of Thirty-One Level Cascaded Multilevel Inverter Fed Brushless Dc Motor Drive Applications | International E-Conference On Challenges and Opportunities in Renewable Energy, Smart Systems and E-Mobility (ICCORSE- 2020) | SRM Easwari Engineering College, Chennai o | 30.07.2020 & 31.07.2020 |

| 4 | P. NaveenDS. ManivannanR. KarthickR. Hemanth Raj | Man Overboard Tracker based on a Multi- sensor with RSSI Wireless Technology | International Conference on Innovation and Research in Marine Electrical and Electronics Engineering (ICIRMEEE-2021) | AMET deemed to be University, Chennai | 17.06.2021 & 18.06.2021 |
|---|---|--|--|--|-------------------------------|
| 5 | Udhayakumar A Venkatesan K Jaya Surya G | Solar Powered Qazi Z Source Network To Estimate Energy Management And Electric Propulsion | 3 rd International Conference on Innovative Solutions in Electrical Engineering Science | Sri Sai Ram Institute of Technology, Chennai | 21.04.2021 |
| 6 | Duraipandi A Veerapathiran M C Adarsh P Bala Ganesh P | Smart Card Based Electricity Payment And Energy Sharing Through IoT | 3 rd International Conference on Innovative Solutions in Electrical Engineering Science | Sri Sai Ram Institute of Technology, Chennai | 21.04.2021 |
| 7 | Manivannan Ds Hemanth Raj R Karthick R Naveen P | Man Overboard Tracker Based On A Multi- Sensor With RSSI Wireless Technology. | | Sri Sai Ram Institute of Technology, Chennai | 21.04.2021 |
| 8 | Sridhar Santhosh B Rudran V Mohamed Najeem N | SCADA Based System For Controlling And Monitoring Boiler In Ship | 3 rd International Conference on Innovative Solutions in Electrical Engineering Science | Sri Sai Ram Institute of Technology, Chennai | 21.04.2021 |



PROJECTS PUBLISHED & AWARDS RECEIVED BY OUR STUDENTS (2020-21)

| S.No | Name of the Students | Title of the Paper | Name of the Journal | Year |
|------|---|---|---|---|
| 1 | Viknesh.S, Dhanasekar. P, Dinesh. R, CK Manoj, G. Jegadeeswari | A Fuzzy Logic Controller Based SRM With Torque Ripple Suppression For EV Applications | International Journal of Aquatic Science | Vol: 12, Issue: 3, July 2021, Web of Science |
| 2 | Tamil Pavai G, D S Manivannan , R Hemanth raj | Thermoelectric Power Generation Using Waste -Heat Energy From Peltier And Seebeck Module | International Journal of Aquatic Science | Vol: 12, Issue: 3, July 2021, Web of Science |
| 3 | A. Ramya, R.K. Padmashini | Energy Management System Based On Dc-Dc Converter For Micro Grid Using Hybrid Energy Sources | International Journal of Aquatic Science | Vol: 12, Issue: 3, July 2021, Web of Science |
| 4 | S. Viknesh, P. Dhanasekar, R. Dinesh | Simulation and Implementation of Thirty- One Level Cascaded Multilevel Inverter fed Brushless DC Motor Drive Applications | Journal of Xidian University | Vol: 14, Issue: 7, July 2020 |
| 5 | Patricia L and Gnanavel C | An Overview of Electric Vehicle Adoption and Challenges in India | Journal of Emerging Technologies and Innovative Research (JETIR) | Volume 8, Issue 5, May 2021 |