



**AMET**  
**ACADEMY OF MARITIME EDUCATION AND TRAINING**  
**DEEMED TO BE UNIVERSITY**  
(Under Section 3 of UGC Act 1956)

# **ELECTRO MARINE**

## **NEWSLETTER**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**JUNE 2019 – DECEMBER 2019**

## DEAN'S MESSAGE



The Department newsletter is one the wonderful presentation of the Department regarding the achievements and participations of the faculty and the students. The Newsletter gives all the details of the activities undergone in the Department during the period from June 2019 –December 2019. I appreciate the faculty, students and supporting staff for their tireless efforts and contributions to the various activities held in the Department.

## **VISION AND MISSION OF THE DEPARTMENT**

### **VISION**

To emerge as a Centre for higher learning and research through development of highly competent, innovative and world class Marine Electrical and Electronics Engineers while remaining sensitive to ethical, societal and environmental issues.

### **MISSION**

- ❖ To impart quality education in order to produce highly innovative, socio- economically conscious Marine Electrical and Electronics Engineers.
- ❖ To provide knowledge and skills, that is essential to meet the local and global demands in Marine Electrical and Electronics Engineering.
- ❖ To upgrade student's technical knowledge through industry interaction activities.
- ❖ To foster strong ethics, positive attitude and transform the Department into Centre of Excellence by promoting world class research and development to meet the challenging needs of society.
- ❖ To motivate and guide students for developing entrepreneurship or pursue higher education and train them for overall personality development.

***The power of education extends beyond the development of skills we need for economic success. It can contribute to nation building and reconciliation***

**-NELSON MANDELA**

## **CONTENTS**

Department Activities

Professional Society Activities

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## DEPARTMENT ACTIVITIES

### NATIONAL CONFERENCE

AICTE Sponsored National Conference on Recent Advances in On-Board Ship Automation (RAOBSA-2019) was conducted on the 26.08.2019 and 27.08.2019. Dr.A. Ajeeth Singh Assistant Director Research, Institutional & Faculty Development (RIFD), All India Council for Technical Education (AICTE), New Delhi inaugurated and delivered the Chief Guest address. Mr. Janaki Raman Ganesan Chief Executive Officer (CEO), Vik-Sandvik, Chennai was the Guest of Honor.

The primary objective of the conference was to promote research in Smart Sensor, IoT, Cyber-Physical Systems, Artificial Intelligence, Machine Learning, Robotics. The conference paved a platform to discuss upon the present challenges and future opportunities in the next-generation automated ships.



**GUEST LECTURE ARRANGED**

Guest Lecture on “Mitigation of Issues in Power Systems” on 14.09.2019. The Lecture was delivered by Mr Balamurali, Assistant Executive Engineer, TANGEDCO, Chennai.

The department had conducted a sequence of Guest Lectures for the benefit of both students and faculty. To name a few a guest lecture on “Applications of Special Electrical Machines in Industrial Robotics” was held on 15.11.2019 for final year students. The objective was to educate the audience about the real-time applications of industrial robotics. Mr Arun Kumar, Vice- President, RETECH Solutions Pvt. Ltd. delivered the Lecture.

S. No	Name of the Resource person	Topics	Year
1	Mr.E. Arun Kumar, Vice President, RETECH Solutions private Limited, Chennai	Applications of special electrical machines in industrial robotics	15.11.2019
2	Mr.K.S.Kavin, R&D Engineer, AB Technologies, Nagercoil	Hardware interfacing with microcontrollers	12.11.2019
3	Dr.J. Balamurugan, AE/TNEB,Chennai	Renewable energy and environment control	31.10.2019
4	Dr.C.L. Kuppuswamy, Deputy General Manager , Saipem, India	Electrical Machines and transformers in Marine Applications	23.10.2019
5	Mr.G. Balamurali AE,TANGEDCO,Chennai	Mitigation of issues in power systems	14.9.2019
6	Mr.M.S. Balasubramanian, Design Manager, L&T,Chennai	Power Generation from thermal power plant	14.9.2019
7	Mr.R.Vijayarajeswaran, VI Micro system, Chennai	Electrical Machines and its applications,	15.9.2019
8	Mrs.Padmavathy, Sarada Technologies Training and Development, Chennai	Industry 4.0	14.8.2019



**Guest Lecture on “Applications of special electrical machines in industrial robotics” for II Year EEE Students on 15.11.2019. Resource Person: Mr.E. Arun Kumar, Vice President, RETECH Solutions private Limited, Chennai**

## **PROFESSIONAL SOCIETY ACTIVITIES**

### **INSTITUTION OF ENGINEER (INDIA) STUDENT CHAPTER INAUGURATION**



The Student Chapter of Institution of Engineers (India) in the Department of Electrical and Electrical Engineering on 31.10.2019. Er. G. Ram doss, Chairman – IEI, Tamilnadu State Centre, was the Chief Guest. He focused on the importance of IEI Students Chapter and the benefits for its members.



**PROGRAMMES CONDUCTED UNDER IEI ASSOCIATION**

S. No	Date	Title	Speaker	Organizer
1	12.11.2019	Hardware Interfacing with Microcontrollers	Mr.K.S. Kavin R&D Engineer, AB Technologies, Nagercoil	AMET& AB Technologies, Nagercoil
2	15.11.2019	Applications of Special Electrical Machines in Industrial Robotics	Mr E. Arun Kumar Vice President, RETECH Solutions Private Ltd., Chennai	AMET& RETECH Solutions Pvt, Ltd., Chennai

**FACULTY AWARDS AND RECOGNITIONS**

Name of the Awardee	Title of the Award	Awarding Agency	Year
Dr T. Sasilatha, Dean (EEE)& Dean Academics	Academic Leadership	International Association of Research and Developed Organization	2019
	Best faculty –Project from Government	AMET Deemed to be University	2019
	Certificate of Appreciation	IAMU Research Projects in FY 2020	2019
Dr.G. Thenmozhi, Professor/EEE	Preeminent Educator Award	Green Thinkerz	2019
Dr V. Karthikeyan, Professor/EEE	Distinguished Educator Award	International Institute of Organized research I2OR Awards 2019	2019
Dr.M. Deva Brinda ASP/EEE	Preeminent Researcher Award	Green Thinkerz	2019

**INDUSTRY - INSTITUTE ACTIVITIES****Student Participation in National/ International Conferences**

Sl.NO	Name of the Student	Name of the Event	Place of the Event
1	K.Balamurugan	4th ISSE National conference INAC 2019 on System for Transforming India: Challenges and Opportunities	Indian Society of Systems for Science and Engineering (ISSE),Space Application Centre (SAR), Ahmadabad
2	Hemanth Raj R	National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives PCID 2019	Bannari Amman Institute of Technology,Erode
3	Jaya Surya G	National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives PCID 2019	Bannari Amman Institute of Technology,Erode
4	Karthick R	National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives PCID 2019	Bannari Amman Institute of Technology,Erode
5	P. Dhanasekar	3rd International Conference on Advance Scientific Innovation in Science, Engineering and Technology (ICASISET-2020)	Bharath Institute of Higher Education and Research (Deemed to be University), Chennai
6	S. Viknesh	3rd International Conference on AdvanceScientific Innovation inScience, Engineering and Technology (ICASISET-2020)	Bharath Institute of Higher Education and Research (Deemed to be University), Chennai
7	R. Dinesh	3rd International Conference on Advance Scientific Innovation in Science, Engineering and Technology(ICASISET-2020)	Bharath Institute of Higher Education and Research (Deemed to be University), Chennai
8	C.K. Manoj	International Conference on Power Engineering Computing andControl”(PECCON 2019)	Vellore Institute of Technology (Deemed to be University), Chennai

9	G. Aagash	International Conference on Power Engineering Computing and Control (PECCON 2019)	Vellore Institute of Technology (Deemed to be University), Chennai
10	P. Dhanasekar	International Conference on Power Engineering Computing and Control (PECCON 2019)	Vellore Institute of Technology (Deemed to be University), Chennai

### ***Student Participation in Technical Symposium***

Sl. No	Name of the Student	Position	Name of the Event	Event place
1	Adharsh B A	1 <sup>st</sup> Prize in Quiz	Technical Symposium Invente 4.0 2019	SSN College of Engineering, Chennai
2	Austin Jebaraj S	2 <sup>nd</sup> Prize in Think-D	Technical Symposium Invente 4.0 2019	SSN College of Engineering, Chennai
3	Balaji M	1 <sup>st</sup> Prize Tech Quiz	Technical Symposium Invente 4.0 2019	SSN College of Engineering, Chennai
4	Gokulraj R	1 <sup>st</sup> Prize in TECH JAM	Symposium ELECTRO- FEST 4.0 2019	Mohamed Sathak AJ College of Engineering, Chennai
5	S Sai Hari	2 <sup>nd</sup> Prize in FACE TO FACE	Symposium Pinnacle 2k19	SRM Easwari Engineering College, Chennai
6	Austin Jeyaraj S	2 <sup>nd</sup> Prize in Tech Quiz	Technical Symposium Invente 4.0 2019	SSN College of Engineering, Chennai
7	Balaji M	1 <sup>st</sup> Prize in Think-D	Technical Symposium Invente 4.0 2019	SSN College of Engineering, Chennai
8	Sethu Sundar V	2 <sup>nd</sup> Prize in Bob The Builder (Web Designing)	Symposium Pinnacle 2k19	SRM Easwari Engineering College, Chennai

**EXTRA-CURRICULAR ACTIVITIES**

Sl. No	Name	Prize/ Participation	Name of the Event	Venue
1.	R. Gokul Raj	Essay writing Competition- Second Prize	Engineers Day Celebration Sept 2019	The Institution of Engineers, Kalpakkam.
2.	J. Jayalal	Arduino Challenge	Spangles 2020	Easwari Engineering College
3.	J. Jayalal	Tech Quiz-		
4.	S. Vengadeshwara Rao	Tech Quiz-		
5.	S. Vengadeshwara Rao	Surprise Event-		
6.	R. Pradeep Kumar	Tech Quiz- First prize		
7.	R. Pradeep Kumar	Arduino Challenge-		
8.	S. Voms	Tech Quiz- First prize		
9.	S. Voms	Surprise Event-		
10.	S. Austin Jebaraj	Arduino Challenge-		
11.	S. Austin Jebaraj	Tech Quiz-		

## RESEARCH AND DEVELOPMENT ACTIVITIES

### Details of books published

Author Details	Name of the Book/chapter	Publisher	Year
Fundamentals of Data Structures in C	Dr T. Sasilatha, Dr S. Balaji	Charulatha Publications	2019

## RESEARCH PUBLICATIONS IN REPUTED JOURNALS BY FACULTY MEMBERS

1. Dr. T. Sasilatha, Gnana Kousalya “Non-Contact Heart Rate Monitoring using Facial Video” International Journal of Engineering and Advanced Technology (IJEAT); Vol.9, Iss.2, PP.4087, 2249 – 8958, Dec. 2019.
2. Dr. T. Sasilatha, K.R. Anupriya “Digital Image Falsification Detection System for Effective Data Communication” International Journal of Engineering and Advanced Technology; Vol.9 Iss.2, PP.4081, 2249 – 8958, Dec. 2019.
3. Dr. T. Sasilatha, P. Ezhilarsi “Damaged Number Plate Recognition “International Journal of Engineering and Advanced Technology; Vol.9, Iss.1S2, PP.22; 2249 – 8958. Dec. 2019.
4. Dr. T. Sasilatha, C. Gnana kousalya “Robot for Under Water Monitoring “International Journal of Engineering and Advanced Technology; Vol.9, Iss.1S2, PP.26; 2249 – 8958; Dec. 2019.
5. Dr. G. Themozhi, P. Radhakrishnan “FPGA implementation of XOR-MUX full adder based DWT for signal processing applications” Microprocessor and Microsystems; Vol.73, PP.10961 2005-4238, Dec 2019.
6. Dr. T. Baldwin Immanuel, P. Rathnavel “PV Fed Seven- Level Inverter Using Fuzzy Control Technique” International Journal of Engineering Advanced Technology; Vol.9, Iss.2, PP.4102, 2249-8958, Dec. 2019.
7. Dr. T. Baldwin Immanuel, W.R. Thulasi Brindha “Modified PMSG System Using Trans Z Source Network for Grid Connected UPFC System” International Journal of Engineering Advanced Technology; Vol.9, Iss.2, PP.4107, 2249-8958, Dec. 2019.
8. Dr. T. Baldwin Immanuel, P. Rathnavel “Road Tyre Friction Used to Generation of Electrification” International Journal of Engineering Advanced Technology; Vol.9, Iss.2, PP.4112; 2249-8958, Dec. 2019.

9. C. Gnanavel, Gokul.C “Test Scheduling of Core Based System – on- Chip Using Modified Ant Colony Optimization“ Journal Européen des Systèmes Automatisés; Vol.52, Iss.6, PP.599 (P):1269-6935 (E):2116-7087, Dec. 2019.
10. G. Jegadeeswari, Kanagaraj.K, B. Kirubadurai “Optimization of Gas Turbine Blade Cooling System” International Journal of Innovative Technology and Exploring Engineering (IJITEE); Vol.8, Iss.11, PP.4176, 2278-3075, Sep. 2019.
11. G. Jegadeeswari, “Port Integration for Enhancing Competitive Advantage” International Journal of Innovative Technology and Exploring Engineering (IJITEE); Vol.8, Iss.11, PP.4176, 2278-3075, Sep. 2019
12. R. Sundar “Operating System Using CAN Bus on Different Process Circulated Technology with High Speed Prime Marine Engine” International Journal of Innovative Technology and Exploring Engineering (IJITEE); Volume-8, Issue-9S2, ISSN: 2278-3075, Jul. 2019

## **RESEARCH PUBLICATIONS IN INTERNATIONAL/NATIONAL CONFERENCE**

### **INTERNATIONAL/ NATIONAL CONFERENCE PUBLICATIONS : 2019- 2020**

1. K.R. Anupriya, Dr. T. Sasilatha “Digital Image Forgery detection using SIFT and SURF Algorithms” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.
2. Dr.T. Sasilatha “Energy Aware Link Lifetime Routing in WSN” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
3. T. Sasilatha “Titanic is Reacting, Rusting and Resting” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
4. Karthickmanoj.R, Dr.T. Sasilatha, “Design and implementation of compressed sensing based Image sensor for smart surveillance applications” in the proceedings of the 4th ISSE National conference INAC-2019 on System for Transforming India: Challenges & Opportunities held on 26th and 27th September 2019 at Indian Society of Systems for Science and Engineering(ISSE), Ahmadabad Chapter, Space Application center, Ahmadabad.
5. Dorothy.R, Dr.T. Sasilatha, “Underwater object detection and classification using Artificial Neural Network” in the proceedings of the 4th ISSE National conference INAC-2019 on System for Transforming India: Challenges & Opportunities held on 26th and 27th September

2019 at Indian Society of Systems for Science and Engineering(ISSE), Ahmadabad Chapter, Space Application center, Ahmadabad.

6. Karthikeyan V, Jamuna V” BCD Topology of Multilevel Inverter for Solar Energy Generation” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4 ; 2019
7. K.R. Sunil Raj, Dr.G. Themozhi “PWM Plus Secondary-Side Phase-Shift Controlled Full-Bridge Three-Port Bidirectional Converter for Application in MVDC Distribution Networks” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.
8. Dr.G. Themozhi “Design and Simulation of Rectangular Microstrip Patch Antenna using UV Band” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
9. Dr.G. Themozhi “A competent Multiplier Architecture with reduced Transistor Count for Radix-2 Butterfly computation of Fast Fourier Transform “AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4; 2019
10. A. Prabha, Dr.G. Themozhi “Solving Combined Economic Emission Dispatch Problem with Wind Energy Penetration Using Intelligent Firefly Algorithm” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4; 2019
11. Dr.G. Themozhi “A suitable Birecoder multiplier for Finite Impulse Response Filter “AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019): ISBN: 978-93-85434-75-4: 2019
12. Dr.G. Themozhi” Recent Development in Computer vision based gait biometrics system’ AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
13. P. Radhakrishnan, G. Themozhi” Design of Low Power CMOS Truncated Multiplier with 10T GDI Full Adder” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
14. Saravanakumar C, Dr. G. Themozhi A “Competent Multiplier Architecture with Reduced Transistor Count for Radix -2 Butterfly Computation of Fast Fourier Transform, “AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.

15. D. Lakshmi, C.N. Ravi” Solution for complex OPF problem using hybrid GA –Firefly Algorithm” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4 ; 2019
16. R. Elavarasi, R. Vijayapriya, Dr. D. Padma Subramanian “Integration of Wind Energy System in Shipboard Using Frequency Converter” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
17. C.Gnanavel, P. Sathish Khanna, M. Rajavelan, Baldwin “Real Time Monitoring and Controlling of Boiler Drum Parameters Using Internet of Things (IoT)” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
18. G. Jegadeeswari “A Review of Power Quality Performance Analysis Using Shunt Active Power Filter” International Conference on Sustainability Management of Advanced Renewable energy Technologies; ISBN: 978-93-5361-004-3; Apr. 2019.
19. G. Jegadeeswari,P. Dhanasekar, S. Viknesh, R. Dinesh “Multi Carrier Based New Random Pulse Width Modulation for Three Phase Inverters” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
20. P. Sathish Khanna, Dr. M. Rajavelan, P.R. Senthilrajan “MPPT Based Solar Charge Controller Using IOT” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
21. S. Janarthanan “Analysis of Grid Connected DFIG based Wind Farms for Reactive Power Compensation” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
22. S. Janarthanan, B. Anandhi “Simulation Model of Series Compensator using Cascaded Multilevel Inverter for Transmission Lines” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
23. S. Janarthanan “Wireless Motor Control and Monitoring System Using Zigbee” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019.
24. S. Janarthanan, Balaji.D” Linear modelling of SRM Based on MATLAB/Simulink” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019



25. S. Janarthanan “Crane Control by Hand Gesture Using Flex Sensor” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
26. Dr. M. Deva Brinda, Dhanya.T, Karthik.S “Earth Voltage Monitoring and Alert System for Indian ATM System” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
27. Amirtharaj, Selvarani. M, Lakshmi.D, Zahira.R “Design of MOSFET Inverter for a Grid Connected Photovoltaic System” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
28. S. Amrita Raj, V. Madhan Kumar, K. Sandhiya “Switching Loss Reduction and Simulation of quasi Z-Source Inverter System Fed BLDC Motor” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN:978-93-85434-75-4; 2019
29. Padmapriya. “Channel Estimation Techniques in MIMO - OFDM Systems: A Survey” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
30. Dorothy R “Detection of Metal Objects in Under Water Sea-a Survey” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
31. Karthickmanoj. R “Performance Analysis of Compressed Sensing Based Image Sensor for Smart Surveillance Applications” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
32. R.K. Padmashini “Home Automation systems using Speech Recognitions “AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation (RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
33. R.K. Padmashini “Solar Photovoltaic inverter smart Grid Application and Improvement of power quality “AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

34. M.Deva Brindha “A Robotic Motion Control using Finer Gesture Interaction” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
35. M.Deva Brindha “A Bluetooth based Architecture for Android Commutation with an Articulated Robot” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019
36. M.Deva Brindha “Design and Implementation of Smart Bone Conductor Heating AID using ASP” AICTE Sponsored National Conference on Recent Advances in On–Board Ship Automation(RAOBSA-2019); ISBN: 978-93-85434-75-4; 2019

### VALUE ADDED COURSES OFFERED

S.No	Academic year	Value Added Training Program	Company
1	(2019-2020) ODD	Solar Based Renewable Energy Technology	Labtech Electronics Pvt Ltd, Chennai
2		Product Development & Basic Robotics using MCU	Electronics Platforms Research Labs, Chennai
3		Electrical Machines and Control	TVS Training & Services Limited, Chennai
4		Solar Panel Installation Training for Person	National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD)
5	2019-2020 EVEN	Simulation of Electrical Circuits Using MATLAB	Lab Tech Electronics, Chennai
6		Measurement and Instrumentation	VI Micro Systems Pvt Ltd, Chennai
7		Design of Controllers using LabVIEW	Pantech Pvt Ltd, Chennai
8		Programmable Logic Controllers	CDCE Automation and Robotics, Chennai



**Value Added Course on “Solar Based Renewable Energy Technology” by  
Labtech Electronics Pvt.Ltd**

## **EXTENSION AND COMMUNITY ACTIVITIES**

**EXTENSION ACTIVITIES ARE CONDUCTED REGULARLY WHICH INCLUDES:**

The Department regularly engages in spreading the principle of social reformation through knowledge sharing. Some of the activities conducted by the department are shown electrical house wiring, motor overhauling, mobile phone Repair and servicing classes conducted and awareness about renewable energy systems, safety and maintenance of electrical equipment's. The department with the Eco Club had organized free herbal palings plantation programme in association with Save Nature Youth Association at Panchayat Union Government Middle School, Kanathur, on 29.11.2019.



**NSS ACTIVITY: MARINA BEACH CLEAN UP**



## **EDITORIAL COMMITTEE MEMBERS**

### **Faculty Members**

**Dr.T.Sasilatha, DEAN/EEE**

**Dr. V. Karthikeyan, Prof/EEE**

### **Student Members**

**Mr.D.S. Manikandan**

**Mr. Krishna Raj**

**THANK YOU!! MORE TO EXPECT IN THE NEXT EDITION**

