

**Dr. PRIYA. S, M.E., Ph.D**

**Professor/EEE Department**

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## **22 Years of Teaching, Administrative, Training and Research Experience**

Dr.S.Priya, Professor in the Department of Electrical and Electronics Engineering has 22 years of teaching and research experience. She received her B.Tech degree in Electrical and Electronics Engineering in Bharadhidasan University and M. E degree in Power Electronics and Drives from Anna University and PhD degree in St Peter's university (Deemed to be University), Chennai. She has published more than 65 research articles in International Journals/Conference proceedings. Her research interests include Direct torque control of Induction motor, Doubly Fed Induction Generators, Impedance source inverters. Neutral point clamped multilevel inverters, Sliding mode observer, Electric Vehicle. She is the member of IEEE, Life member in IETE, ISTE and IFERP. She has organized more than 45 workshops, FDP and seminar in Department as well as University level. She has organized IEEE international conference 3 times and acted as chair person. She has received more than 5 lakhs from various funded agencies SERB and MSME for completing projects. She authored two text books and 2 book chapters.

## **AWARDS AND ACHIVEMENTS**

- *Received Best Teacher Award from ESN Publication in Pride of Education for Dedication, Sacrifice and Commitment on 27<sup>th</sup> November 2021*
- *Received letter of Appreciation* as a Session Chair for The 13th International Conference on “KNOWLEDGE AND SYSTEMS ENGINEERING **KSE 2021** in Session S1-D1R4P: Data Mining/Text Mining I (4R1S) November 10-12, 2021, Bangkok (Virtual)
- *Received letter of Appreciation* as a Keynote Speaker for AICTE Sponsored One Week Faculty Development Programme on “Integration of Renewable Energy with Smart Grid for Electric Vehicle” Organized by AMET Deemed to be University, 6th – 11th December 2021
- *Received letter of Appreciation* as a Keynote Speaker for Institution's Innovation Council Sponsored Webinar on “*Innovative Concepts in Industrial Power Converters*” Organized by Sri Krishna College of Engineering and Technology, Coimbatore on 23.08.21
- *Received Best Paper Award for* “The Evolution of Indian Power: Market: Chronological Approach” ICDTMS 2021 at AMET University, Chennai June 2021 ISBN: 978-93-85434-83-9
- Appreciation received for authored a book chapter titles “Energy and Power” in Asia Book of Records, Maximum Authors Contributing for a Book on Covid-19 and its Impact in 2020.
- *Received letter of Appreciation* as a Keynote Speaker for AICTE Sponsored Short-Term Training Program on “*Role of Smart Technology in Maritime Industries*” Organized by AMET Deemed to be University, Chennai on 4.11.2020
- *Received letter of Appreciation* as a Keynote Speaker for MSME Sponsored Short-Term Training Program on “*Industry 4.0 production monitoring and control*” Organized by AMET Deemed to be University, Chennai on 04.06.2020
- Received best project award for the past five years by ACCS society.
- 4 times received Best department award for EEE in SA engineering college.
- Organized many value added programs for every semester and every class with a support of various industry people.
- Organized IEEE international conference in 2019 generated fund to the department.
- Received funds from IEEE and organized many professional body events for students.
- Received **Grade A** certificate from IEEE for Professional body activities.
- Completed many consultancy projects through Centre for Industrial Automation and generated more than 3 lakh fund for department.
- Anna university approved guideship

- Establishment of Electrical Machines, Control systems and Power Electronics Laboratory.
- Many times produced more than 95% results in Electro magnetic theory, Electrical Machines I, Electrical Machines II, Solid state Drives, Design of electrical Machines and special Electrical Machines for UG Classes.

### **FDTP/WORKSHOPS/SEMINARS ATTENDED /ORGANIZED**

#### **FDP**

- Challenges and Opportunities for Electric Vehicle Adoption" from 2021-7-19 to 2021-7-23 at Erode Sengunthar Engineering College conducted by AICTE Training And Learning (ATAL) Academy Online Elementary FDP
- Research Innovations and Emerging Advanced in Electrical Engineering Six days International FDP conducted by Eswari Engineering College From 14<sup>th</sup> June to 19<sup>th</sup> June.
- Resource Person for 7 days STTP sponsored by AICTE "Role of Smart Technology in Maritime Technologies" in November 2020 at AMET Deemed to be University, Chennai.
- AICTE sponsored Two Weeks FDP on "Pedagogical Training on Outcome Based Education" in November 2020 at St. Peter's Engineering College, Hyderabad.
- AICTE sponsored 6 days STTP on "Electric Vehicle – Evolution, Integration and Challenges" in October 2020 at Sri Krishna College of Technology, Coimbatore.
- AICTE sponsored 7 days STTP on "Electric Car Technologies and Modern Power System" in October 2020 at Kamaraj College of Engineering and Technology, Madurai.
- AICTE sponsored One Week FDP on "Internet of Things" Conducted By Computer science Engineering in April 2020 at NITTTR, Chandigar.
- **12 weeks NPTEL Online Certification on "Fundamentals of Electrical Engineering" completed with elite certificate and scored 75 marks conducted by IIT kharagpur in 2018**
- Resource Person for 7 days Faculty Development Programme on Electrical Machines – II in 2017 at R.M.D. Engineering College, Chennai.
- Resource Person for 7 days Faculty Development Programme on Power Electronics in 2016 at Syed Ammal Engineering College, Chennai.
- Faculty Development Programme on PLC & SCADA Overview conducted by Technical School of Yokogawa in 2016 at S.A.Engineering College, Chennai.
- Faculty Development Programme on Current Issues on Power Quality and Microgrid during October 29-30, 2015 at St.Joseph's Institute of Technology, Chennai.
- Faculty Development Programme on Design and Simulation tools for Mitigation of problems in Power System Protection and Power Quality during June 29-30, 2015 at Eswari Engineering College, Chennai.
- FDP on "Soft Computing and Simulation for Power System Engineering" during May 8-9, 2014 at S.A. Engineering College, Chennai.
- FDP on "Electrical System for Wind Energy Technologies" during Sep 15-17, 2012 at S.A. Engineering College, Chennai.
- FDP on Exploring MATLAB and its Tools during Sep 5-7, 2008 at Prathyusha Institute of Technology and Management, Chennai.

#### **WORKSHOP**

- AICTE Examination Reforms workshop from 28<sup>th</sup> June to 30<sup>th</sup> June by AICTE & KLE Technological University, Hubli, Karnataka.
- Modeling and Simulation of Power Electronic Equipments using Multisim on 4<sup>th</sup> and 5<sup>th</sup> June 2021 by Department of Electrical and Electronics Engineering, AMET Deemed to be University, Chennai.
- Intellectual Property Rights Regime and it's Impacts on 25<sup>th</sup> May 2021 by Department of Electrical and Electronics Engineering, AMET Deemed to be University, Chennai.
- Resource Person for 3 days Workshop sponsored by MSME "Embedded Design - Industry 4.0 /Production Monitoring" in June 2020.

- One day Workshop on “Guidelines to Sponsored Research Projects” Sponsored by AICTE during May 6<sup>th</sup> 2010 at Dhanalakshmi College of Engineering, Chennai.
- National Workshop on “Modeling and Control of Renewable Energy System” during Dec14-18, 2012 at VIT University, Chennai.
- National Workshop on “Monitoring Controlling of Power Quality Issues Problems and Solutions” during Feb 13, 2013 at S.A. Engineering College, Chennai.
- One day Workshop on “Computational Intelligence” during June 18<sup>th</sup> 2010 at Sathyabama University, Chennai.
- International Workshop on Power System Studies Using ETAP & DIgSILENT (2017) at S.A.Engineering College, Chennai.
- Three days National Level Workshop on “Design and Implementation of Grid Integrated Solar PV System with Research Perspective” in 2017 at St. Joseph’s Institute of Technology, Chennai.
- Two days international workshop on Integration Of Renewable Resources – New CEA Guidelines For Solar And Wind Farms in October 2018 at S.A.Engineering College, Chennai.

#### **SEMINARS& OTHERS**

- International Seminar on “Interactive online teaching using Pedagogical Initiatives and Online Tools” in September 2020 at AMET Deemed to be University, Chennai.
- IEEE sponsored seminar on 5G Massive MIMO For Health Care Industries in October 2018 at S.A Engineering College, Chennai.
- Training Program on EMTP-RV Software 2016 at Power Sys Solutions, Chennai at S.A. Engineering College, Chennai.
- ISTE Short Term Training “Development of High Impact Teaching Skills in Engineering Teaching” during October 26-30, 2015 at S.A. Engineering College, Chennai.
- Short term Training Programme on “MSP430 Launchpad based Embedded System Design” during Sep 27-28, 2014 at VIT University, Chennai.
- National Seminar on Recent Trends in Renewable Energy Conversion Technologies during Sep 5-6, 2013 at S.A. Engineering College, Chennai.
- National Seminar on “Power Quality Issues Problems and Solutions” during 21<sup>st</sup>dec 2012 at SMK Fomra Institute of Technology, Chennai.
- Presented paper in National Conference on “Wavelet transformation based Harmonic Reduction” during Feb’ 28- Mar’ 1,2011 at Prathyusha Institute of Technology and Management, Chennai.
- Presented paper in National Conference on “Design of Hilbert Filter for Online Tracking of Voltage Flicker” during Feb’ 28- Mar’ 1,2011 at Prathyusha Institute of Technology and Management, Chennai.
- Presented Paper in National Conference on “Online Tracking of Voltage Flicker Utilizing Hilbert Transform” during April 18-19, 2008 at SRM University.
- Short term courses on “Application of Power Electronics to Power Transmission and Distribution System” during Dec 26-27, 2008 at Prathyusha Institute of Technology and Management, Chennai.
- Short term course on “Electromagnetic Fields” during Nov 12-14, 2007 at Prathyusha Institute of Technology and Management, Chennai.
- Training Program on EMTP-RV Software 2016 at Power Sys Solutions, Chennai.
- ISTE Short Term Training “Development of High Impact Teaching Skills in Engineering Teaching” during October 26-30, 2015 at S.A. Engineering College, Chennai.
- Short term Training Programme on “MSP430 Launchpad based Embedded System Design” during Sep 27-28, 2014 at VIT University, Chennai.

#### **Funds Received**

- Received fund from IEEE to conduct seminar on "Multibody simulation and Matlab Advancement" during 2017-2018
- Received fund from IEEE to conduct workshop on "Internet of Robotic Things(IoRT) " during 2017-2018
- Received fund from Power Quality Research Group Universiti Nasional, Malaysia for Research Project during 2016-2017
- Project titled “ Bionic arm for disabled persons” developed and received cash prize 1 lakh from ACCS society along with best project in 1<sup>st</sup> position
- Project titled “ Electric solar vehicle challenges” received best project and received 1 lakh cash prize

## CONSULTANCY PROJECT

- A consultancy project worth of Rs.7 Lakhs has been completed for CDCE Automation for the project titled “Mobile Phone Assembly Final Inspection Using Machine Vision System”
- A consultancy project worth of Rs.4 Lakhs has been completed for CDCE Automation for the project titled “Automation of Variable Frequency Drive”

## PUBLICATION

### JOURNALS AT INTERNATIONAL LEVEL: 28

- Predictive Speed and Flux Control Based Sensor less Sliding Mode Observer for Induction Motor Used in Electric Vehicle” International Journal of Aquatic Science ISSN: 2008-8019 Vol 12, Issue 03 Jul. 2021
- “Hardware Implementation of Hybrid Renewable Energy Source for Integrated Fed Micro-Grid” EAI/Springer Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering - (LNICST)DOI10.4108/eai.7-6-2021 June 07-08, 2021
- “Taylor based Grey Wolf Optimization Algorithm for Energy aware Secure Routing Protocol” International Journal of Computer Networks and applications ISSN: 2395-0455 Volume 7, Issue 4, July – August (2020)
- “Smart Machine Work Station Monitoring Using Plc, Hmi And Zigbee” (2019), Ieee Conferences, Icices ‘19 At S.A. Engineering College, Isbn: 978-1-7281-1395-1, Chennai, March 2019.
- “Novel Approach For Reliable Operation Of Microgrid”(2019),Ieee Conferences,Icices ‘19 At S.A. Engineering College, Isbn: 978-1-7281-1395-1, Chennai, March 2019.
- “Monitoring And Prevention Of Catastrophic Accidents In Railways Using Plc”(2019), Ieee Conferences,Icices ‘19 At S.A. Engineering College, Isbn: 978-1-7281-1395-1, Chennai, March 2019.
- Hybrid pulse width modulated Three-Phase Quasi Z-source Grid Tie Photovoltaic power system international journal of IJERT, Vol.7(2), Feb 2018
- IOTapplications for Indian based farming and hospitality industryinternational journal of advance research, ideas and innovations in technology, 2017
- Modeling And Analysis Of Ayyanaruthu Wind FarmJour Of Adv Research In Dynamical & Control Systems, 14-Special Issue, Aug 2017
- Embedded Signal Processing Based Blood Flow, Vein and Nerves Detector (2017), Accepted for Journal of Medical Imaging and Health Informatics (**SCI -Annexure –I**)
- An optimized approach for multi-user facial expression-based video summarization “Biomedical Research” ISSN 0970-938X, October 17, 2016.
- Melanoma Detection and Prevention on System Skin Lesion Using Support Vector Machine (SVM) Classifier (2016), Accepted for Current Medical Imaging Reviews (**SCI -Annexure –I**)
- Intelligent Data Acquisition For Green House Environment “IJCTA” VOL.9,Issu 5, 2016, pp. 301-309.
- GCMT – 249 Investigation and Performance Analysis of Direct Torque Control of 3phase Induction Motor using 7 Level Neutral Point Clamped Multilevel Inverter “Indian Journal of Science and Technology” ISSN

0974-6846, Vol.9, Issue 24, (2016).

- Speech Therapy Interface for People with Speech Disorders Using Linear Predictive Coding, Mel Frequency Cepstrum and Neural Networks “Journal of Medical Imaging and Health Informatics” vol.6, Issu. 8., (2016).
- Speech therapy interface for people with speech disorders using LPC,MFC and Neural Networks Accepted for Journal of Medical Imaging and Health Informatics (**SCI -Annexure –I**)
- Advanced Signal Mining For Buried Victims Under Exhaustion Environment” International journal of computers communication networks and circuit systems (Annexure II) Vol.1,Issu 1, April 2015
- Floating point multiplier using elliptic curve algorithm “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- New signal mining technique for detecting the concealed victims using UWB Radar under Crumbled Nature “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- Low Cost Monitoring Device Using BAN for Controlling Speed While Driving with Messaging Service “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- Single phase 13-Level D-STATCOM Inverter with FACTS for Distributed Energy System “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- Real Time Monitoring and Analysis of Soldier areas in IGBT Modules “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- Real time traffic light control using fuzzy logic “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- Design of high speed arithmetic circuits using 64 bit parallel prefix adder “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- CAN and ARM based vehicle parameter monitoring and automatic speed reduction “International Journal of Applied Engineering Research(Annexure II)” ISSN 0973-4562 Vol.1055(2015)
- Sliding Mode Observer Based Sensor less Speed Control Of Induction Motor (2014), International Journal of Applied Engineering Research, Vol 9, Issue 24, pp: 27957-27974..(IF :0.13)
- Nine Level Diode Clamped Inverter fed Direct Torque controlled Induction Motor Drive (2014), Australian Journal of Basic Applied Sciences, Vol 9, Issue 1,pp: 258-264. (IF :0.4)
- A novel scheme for reduction of torque ripple in direct torque control of three phase squirrel cage induction motor using seven level neutral point clamped inverter (2013), Research Journal of Applied Sciences, Engineering and Technology, Vol.5, Issue 5, pp. 1769-1773. (IF :0.16).

#### **CONFERENCE AT NATIONAL LEVEL: 7**

- Comparative performance analysis of multilevel inverter topologies with renewable energy (2017) NCIEEE on 17<sup>th</sup> – 18<sup>th</sup> April (2017) at Sathyabama University, Chennai.
- A survey on applications of RFID Technology (2015), National Conference on Power, Embedded, Dives and Control Engineering on 25<sup>th</sup> March 2015, at S.A Engineering College, Chennai
- Coin based mobile charger using solar panel (2015), National Conference on Power, Embedded, Dives and Control Engineering on 25<sup>th</sup> March 2015, at S.A Engineering College, Chennai
- Image enhancement by adaptive histogram equalization with weighted EDGE FILTER (2015), National Conference on Power, Embedded, Dives and Control Engineering on 25<sup>th</sup> March 2015, at S.A Engineering College, Chennai

- Design of Hilbert Filter for Online Tracking of Voltage Flicker” National level conference on RACEIT’11, 28<sup>th</sup> Feb – 1st March ’11 Prathyusha Institute of Technology & Management Tiruvallur.
- Wavelet transformation based Harmonic Reduction” National level conference on RACEIT’11, 28<sup>th</sup> Feb – 1st March ’11 Prathyusha Institute of Technology & Management Tiruvallur.
- Online Tracking of Voltage Flicker Utilizing Hilbert Transform” National level conference on CIPS’08, 18th – 19th April ’08 SRM University, Chennai

#### **CONFERENCE AT INTERNATIONAL LEVEL: 28**

- “Predictive Speed and Flux Control Based Sensor less Sliding Mode Observer for Induction Motor Used in Electric Car” ICIRMEEE 2021 at AMET University, Chennai June 2021 ISBN: 978-81-947019-5-8
- “IoT and Embedded Based Smart Agriculture to Measure Temperature, Moisture, Humidity and Ph Values Of Soil” ICMDR 2021 at Hotel Dhuvraga Chennai on 26<sup>th</sup> November.
- “Analysis of 7 Level and 9 level Neutral Point multi-level inverter for Direct torque control of 3 phase Induction motor” ICIRMEEE 2021 at AMET University, Chennai June 2021 ISBN: 978-81-947019-5-8
- “The Evolution of Indian Power: Market: Chronological Approach” ICDTMS 2021 at AMET University, Chennai June 2021 ISBN: 978-93-85434-83-9
- “Power Quality Enhancement in Micro Grid” ICDTMS 2021 at AMET University, Chennai June 2021 ISBN: 978-93-85434-83-9
- Smart machine work station monitoring using plc, HMI and ZIGBEE (2019), proceeding of ICICES ‘19 at S.A. Engineering college, Chennai during 29th and 30th march 2019.
- Novel approach for reliable operation of micro grid (2019), proceeding of ICICES ‘19 at S.A. Engineering college, Chennai during 29th and 30th march 2019.
- Monitoring and prevention of catastrophic accidents in railways using plc (2019), proceeding of ICICES ‘19 at S.A. Engineering college, Chennai during 29th and 30th march 2019.
- Design and implementation of hanging robot for industry monitoring and safety measurements, ICECA 2018, Mar-18 at S.A. Engineering college, Chennai during 29th and 30th march 2019.
- Implementing Elliptic Curve Cryptography with ACO Based Algorithm In Clustered WSN For Border Surveillance ,International Conference on Advances in Electrical, Electronics, Information, Communication And Bioinformatics (AEEICB) 27th & 28th February 2018
- Retinal Vessel Segmentation using Morphological Top Hat approach on Diabetic Retinopathy Images from HAGIS and HRF Dataset, International Conference on Advances in Electrical, Electronics, Information, Communication And Bioinformatics (AEEICB) 27th & 28th February 2018
- Ant Colony Optimization Based Algorithm On Clustered WSN For Air Pollution Monitoring, International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) 28th & 29th January 2018
- Multifunctional IoT Based agricultural robot with artificial intelligence, international conference on informatics, robotics , construction and computation ,April ,2018
- Comparative performance analysis of multilevel inverter topologies with renewable energy (2017), Proceeding of NCIEEE’17 at Sathyabama University, Chennai during 17th and 18th April 2017.
- An interactive speech therapy session using linear predictive coding in Mat lab and Arduino(2016) International Conference On Advanced Communication Control And Computing Technologies(ICACCCT)

at Syed Ammal Engineering College Ramanathapuram Tamilnadu.

- Investigation and Performance Analysis of Direct Torque Control of Three Phase Squirrel Cage Induction Motor using Seven Level Neutral Point Clamped Multilevel Inverter ,Global Congress on Computing and Media Technologies (GCMT '15), held at Sathyabama University, Chennai, India, during November 25<sup>th</sup> - 27<sup>th</sup> , 2015 in association with Asia Pacific University of Technology & Innovation, Malaysia
- A Comparative analysis of 7 level and 9 level neutral point clamped inverter fed direct torque control for induction motor drive (2015), International Conference on Electrical, Electronics and Computer Engineering ICEECE'15 at Vivekananda College of Engineering for Women, Tiruchengode during March 11-12,2015
- Single phase 13-Level D-STATCOM Inverter with FACTS for Distributed Energy System (2015), International Conference on Green Technologies for power generation, Communication and instrumentation(ICGPC15),at St.Peter's University, Chennai during February 26-27, 2015
- Real Time Monitoring and Analysis of Soldier areas in IGBT Modules (2015), International Conference on Green Technologies for power generation, Communication and instrumentation(ICGPC15) , at St.Peter's University, Chennai during February 26-27, 2015
- New signal mining technique for detecting the concealed victims using UWB Radar under Crumbled Nature (2015), International Conference on Green Technologies for power generation, Communication and instrumentation(ICGPC15) , at St.Peter's University, Chennai during February 26-27, 2015.
- CAN and ARM based vehicle parameter monitoring and automatic speed reduction (2015), International Conference on Green Technologies for power generation, Communication and instrumentation(ICGPC15) , at St.Peter's University, Chennai during February 26-27, 2015
- Design of high speed arithmetic circuits using 64 bit parallel profix adder 2015), International Conference on Green Technologies for power generation, Communication and instrumentation(ICGPC15) , at St.Peter's University, Chennai during February 26-27, 2015
- Intelligent technical and non-technical loss analyzer for transmission and distribution network (2015) , International conference on Science Technology Engineering and Management (ICONSTEM ) at Jeppier Engineering College during March 26-27,2015.
- Integrated Landing System based on the Received Signal Strength from LiDAR (2015), International conference on Science Technology Engineering and Management (ICIRMEEE ) at AMET University, Chennai during April 10-11, 2015.
- Low cost monitoring device using ban for controlling speed while driving with messaging service (2015), international conference on Green Technologies for power generation communication and instrumentation (ICGPC15) at St. Peter's University, Chennai during February 26- 27 2015.
- Prognostic Monitoring of Heart Rate and Controlling Action While Driving with Real Time Location using Body Area Network( 2014) , International conference on recent trends in electrical, electronics, computing and communication(ICRTEECC ) at RMKCET during 15'16 Dec, 2014.
- Advanced Signal Mining For Buried Victims Under Exhaustion Environment (2014), International conference on recent trends in electrical, electronics, computing and communication (ICRTEECC) at RMKCET during 15'16 Dec, 2014.
- Multilevel inverter with FACTS Capability for Distributed and Renewable Energy system (2014) , International conference on recent trends in electrical, electronics, computing and communication(ICRTEECC ) at RMKCET during 15-16 Dec, 2014

## BOOK/BOOK CHAPTERS

1. **Dr.S.Priya** authored a book titled “RECENT TRENDS IN POWER ELECTRONICS VOLUME 1”  
Published by **Xpress Publications;ISBN:9798885695572**
2. Dr.S.Priya authored a book chapter titles “*Energy and Power*” Published by ESN Publications in Association with *Asia Book of Records, Maximum Authors Contributing for a Book on Covid-19 and its Impact*; **ISBN: 978-81-947019-0-3**
3. Dr.S.Priya, Dr.A.Suresh. authored a book titled “*Basic Electrical & Electronics Engineering*” Published by **Charulatha Publications; ISBN: 1078-65-64371-4-2**

## PATENT PUBLICATIONS

➤ INTELLIGENT CONTROLLER FOR DTC BASED NEUTRAL POINT CLAMPED MULTILEVEL INVERTER IN AUTONOMOUS SHIPS

## INTERACTION WITH OUTSIDE WORLD

- Resource Person for “ Key Components of Outcome Based Education” in December 2020 at AMET Deemed to be University, Chennai.
- Resource Person for 7 days STTP sponsored by AICTE “Role of Smart Technology in Maritime Technologies” in November 2020 at AMET Deemed to be University, Chennai.
- Resource Person for 3 days Workshop sponsored by MSME “Embedded Design - Industry 4.0 /Production Monitoring” in June 2020.
- Resource Person for ISO Re-Certification 9001:2015 Awareness program for Risk management
- Resource Person on NBA Criteria Presentation at Sri Sairam Institute of technology, Chennai in June 2018.
- Delivered Guest Lecture on the topic SOLID STATE DRIVES at Sriram Engineering College, Chennai in January 2017.
- Resource person in Guest Lecture on Electro Magnetic Theory at Sriram Engineering College, Chennai in September 2015.
- Project Titled ‘The study encompass load flow, fault studies, transient and critical clearing time’ is currently doing with Tenaga Nasional Universiti, Malaysia for Malaysia Government.
- Project Titled ‘Embedded Signal Processing Based Blood Flow, Vein And Nerves Detector’ Submitted to DST(SERB) .
- Project Titled ‘Analysis of brain tumor detector using intelligent techniques’ Submitted to DST (SERB)
- Project Titled ‘Controlling Wheelchair and Devices Using Sixth Sense Based On EEG for Disable Person’Submitted to MSME
- Project Titled Renewable Energy based Public Display System Submitted to MSME