



Assistant Professor
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R.PRIYA

PROFESSIONAL OBJECTIVE:

Seeking a challenging position to utilize my skills and abilities in area of Teaching and Education that offers a professional growth while being resourceful, innovative and flexible.

CAREER PROFILE:

- ⇒ 4 years experience in teaching and 6 months Industry experience in PLC Programming
- ⇒ Superb proficiency at computer aided teaching and research tools and the web search engines.
- ⇒ Remarkable ability to teach, inspire and develop young people, Innovative in depicting the subject matter to the students, using modern aids.

EDUCATIONAL QUALIFICATION:

POST GRADUATE- M.E

Specialization : Power Electronics and Drives
Institute : Mailam Engineering College, Tindivanam, Anna University.
Year of Graduation : May-2014

UNDER GRADUATE – B.E

Major : Electrical and Electronics Engineering
Institute : Adhiparasakthi Engineering College, Melmaruvathur
Year of Graduation : May- 2009

Work experience: (starting from present position)

S.No	Employer	Designation	Period of Service	Nature of Work
1	Manakula Vinayagar Institute Of Technology, Puducherry	Assistant Professor	29 th Dec 2014 to till date	Teaching and other curricular activities
2	Sri Venkatachalapathy Polytechnic college, Villupuram	Lecturer	May 2010 to Sep 2012	Teaching and other curricular activities

Teaching Activities: (Subjects Taught)

(i) Under Graduate :

1. Basic Electrical And Electronics Engineering
2. Electronics Devices And Circuits
3. Utilization Of Electrical Energy
4. Power Electronics
5. Protection And Switch Gear
6. Pulse And Digital Circuits
7. Special Electrical Machines
8. Solid State Drives

(ii) Post Graduate: NIL

(ii)Laboratories handled:

1. Basic Electrical and Electronics Engineering Lab
2. Electrical Engineering Lab
3. Digital Electronics Lab
4. Electronics I Lab

Consultancy and Sponsored Research activities:

Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	7	-	-	7
National Journal	-	-	-	-
International Conference	6	-	-	6
National Conference	3	-	-	3

FDP/STTP/Workshops attended	: 18
Reviewer for the journals	: NIL
Research guidance	: NIL
Project Guidance	: 6
Guest Lectures delivered	: NIL
Professional Membership	: Life member of ISTE

ANNEXURE

List of Publications

International Journals: [7]

- [1] R.Priya, (2018) 'Development and performance of a solar biomass integrated crop dryer for agri and medium scale food processing industries', International journal of Engineering Research and Technology , Vol. 7, Iss. 5, pp 1-11, May. 2018.
- [2] R.Priya, (2017) 'Novel cascaded H bridge multi level inverter topology with reduced switch count for THD minimization', Advances in Natural and Applied Sciences, Special 11(6), May. 2017, ISSN: 1995-0772 ,eISSN: 1998-1090
- [3] R.Priya, (2016) 'THD Analysis Of Different Cascaded Multilevel Inverter Topologies With Dc Measurement Algorithm For Drive Applications', International journal of research in engineering and technology, Vol. 5, Iss. 5, pp 59-65, May. 2016, eISSN: 2319-1163, pISSN: 2321-7308
- [4] R.Priya, (2018) 'Leakage Current Suppression In Transformer Less Cascaded H-Bridge MLI With Modified CPS-PWM Technique For PV Applications', International journal of research in engineering and technology, Vol. 7, Iss. 5, pp 227-234, April . 2016, eISSN: 2319-1163 , pISSN: 2321-7308
- [5] R.Priya, (2016) 'Comparative Analysis Of Cascaded H-Bridge MLI For Drive Applications, International Conference on Current Research in Engineering Science and Technology,ICCREST Special issue- May 2016 eISSN:2348 – 8379,pISSN: 2349 – 9176
- [6] R.Priya, (2015) 'CPS-PWM based Cascaded H- Bridge MLI with Voltage Balancing Capability with hybrid controller', International journal of research in engineering and technology, Vol-05,Iss-04,October -2015, eISSN: 2319-1163 , pISSN: 2321-7308.
- [7] R.Priya, (2015) 'CPS-PWM Based Cascaded H- Bridge MLI with Voltage Balancing', International Journal of Engineering and Computer science, Vol-04,Iss-04, pp -11501-11506, eISSN:2319-7242

INTERNATIONAL /NATIONAL CONFERENCES: [8]

- [1] R.Priya, (March. 2017) 'Novel cascaded H bridge multi level inverter topology with reduced switch count for THD minimization' Proc. International Conference on Engineering, Technology and Science (ICETS'17), Muthayammal Engineering Institution, Rasipuram
- [2] R.Priya, (March. 2017) 'Implementation of smart transport in Pondicherry' Proc. Intelligent computing techniques in Electrical and Electronics Engineering- ICTEEE'17(National Conference),Mailam Engineering College
- [3] R.Priya, (March. 2017) 'Smart dustbin using line follower robot for garbage management' Proc. Intelligent computing techniques in Electrical and Electronics Engineering- ICTEEE'17(National

Conference),Mailam Engineering College

- [4] R.Priya, (March. 2017) 'Improved CPS-PWM for three phase five level cascaded H bridge Multilevel inverter to reduce switch count and Harmonics' Proc. Intelligent computing techniques in Electrical and Electronics Engineering- ICTEEE'17(National Conference),Mailam Engineering College
- [5] R.Priya, (May. 2016) 'Comparative Analysis Of Cascaded H-Bridge multilevel inverters For Drive Applications' Proc. International Conference on Current Research in Engineering Science and Technology- ICCREST' 2016,Jayaram engineering college and Seventh Sense Research Group.
- [6] R.Priya, (April . 2015) 'Neurofuzzy control based power flow controller using D-FACTS concept' Proc. Joint international conference on communication, computing and power technologies and artificial intelligence and evolutionary computations in engineering systems ICAIECES' 2015 Velammal engineering college.
- [7] R.Priya, (March . 2014) 'Development of CPS-PWM based Cascaded H- Bridge MLI with Voltage Balancing Capability' NCAEICS'14National Conference on Advances in Electrical Energy & Intelligent Control Systems Arunai Engineering College
- [8] R.Priya, (April.2014) 'CPS-PWM based Cascaded H- Bridge MLI with Voltage Balancing Capability with hybrid controller' National Conference on Recent Developments In Power Electronics Based Applications RDPEBA'14, Mailam Engineering College

WORKSHOPS/FDP/SEMINARS/OTHER TRAININGS ATTENDED [18]

- [1] Attended 6 days AICTE-ISTE sponsored Induction/Refresher program titled "Smart Grid, IoT, Green Computing-The future of Energy Intelligence "from 16th July 2018 to 21st July 2018.
- [2] Attended the IEEE Sponsored workshop titled "Industrial Automation using IoT" held at Manakula Vinayagar Institute of Technology held at 7th July 2018
- [3] Attended 6 days AICTE-ISTE sponsored Induction/Refresher program titled "ICT Based Instructional Design and Delivery for Outcome Based Education" from 14th May 2018 to 19th May 2018 held at SRM Easwari Engineering College, Chennai
- [4] Attended the seminar titled "Electric drives and challenges of electric transportation" sponsored by AICTE and Indian railway, ABB Sponsored held at KCG College of Technology 12th Dec 2017
- [5] Attended the AICTE and QIP sponsored Short term course titled "Nascent Generation and distribution Technologies and Potential research Problems in Power systems" sponsored by held at Pondicherry Engineering College from 4th Dec to 8th Dec 2017
- [6] Attended one day workshop titled "Energy conservation and its methodologies" held at MVIT and Pondicherry HR circle on 19th Nov 2017
- [7] Attended the CSIR Sponsored seminar titled "Recent trends in hybrid power generation" held

- at MIT from 30th June to 1st July 2017
- [8] Attended the ISTE Sponsored STTP titled “Contemporary World of electricity-Solar Energy” held at Manakula Vinayagar Institute of Technology held on 27th Nov 2017 to 1st Nov 2017
 - [9] Attended the ICT and national instruments Sponsored training titled “NI Graphical System Design Platform for IoT App” held at Manakula Vinayagar Institute of Technology on 23rd to 25th March 2017
 - [10] Attended the training titled “Real hands on training in PLC with industrial applications” held at SKR Engineering College, Chennai from 20th to 21st June 2016
 - [11] Attended the training titled “Solar energy-Technology and products” held at PHOCOS Solar India Pvt Ltd, Puducherry from 9th to 10th June 2016
 - [12] Attended the training titled “Accreditation –Norms, Standards, Implementation In Technical Education by Dr. Alagumurthy, professor, Pondicherry engineering college held at Manakula Vinayagar Institute of Technology on 4th June 2016
 - [13] Attended the training titled “Auto cad” held at Manakula Vinayagar Institute of Technology from 8th to 12th Dec 2015
 - [14] Attended the training titled “Embedded system and development” by Nextgen technologies, Chennai from 20th Nov 2015
 - [15] Attended the training titled “Life skills” held at ICT TRAINING Academy, Puducherry from 2nd to 6th Nov 15
 - [16] Attended the training titled “E-Literacy level –II” held at ICT TRAINING Academy, Puducherry from 25th to 27th May 2015
 - [17] Attended the training titled “Scientific educational research” by SEED learning research center from 29th Jan to 31st Jan 2015
 - [18] Attended the AICTE Sponsored National seminar titled “Power Electronics Applications in Renewable Energy Sources” held at Mailam Engineering College from 19th June to 20th June 2013