



Assistant Professor
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P.L. SANTHANA KRISHNAN

Professional Objective:

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the electrical and electronics field with sheer determination, dedication and hard work.

Career profile:

A challenging position in a professional organization where in my capacity, I would be able to enhance my skills and strength in conjunction with the institutional goal and objective.

Educational qualification:

POST GRADUATE- M.E

Specialization : Power Electronics and Drives
Institute : Sri Manakula Vinayagar Engineering College, Pondicherry University
Completed year : May-2013

UNDER GRADUATE – B.E

Major : Electrical and Electronics Engineering
Institute : Mailam Engineering College, Anna University
Completed year : 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	01-06-14 to Till date	<ul style="list-style-type: none">Teaching and other curricular activitiesDepartment Placement Coordinator
2	Achariya College of Engineering Technology, Puducherry.	Assistant Professor	27-05-13 to 25-05-14	Teaching and other curricular activities
3.	Larsen & Toubro Ltd., ECC division	Junior Engineer (Contract)	27-07-2010 to 24-09-2011.	Working in Auto-CAD as a drafter
4	AV Power Green	Testing & commissioning Engineer	April to June of 2010.	Electrical Power Testing & commissioning the power plant equipment like Relays, Transformer, HVAC transmission

Teaching Activities: (Subjects Taught)

(i) Under Graduate:

1. Electronic Device & Circuits
2. Analog & Digital Integrated Circuits
3. Electronics Circuits
4. Electrical Machine Design
5. Solid State & Drives
6. Power System Analysis
7. Power System Restructuring & Deregulation
8. Transmission & Distribution
9. HVDC
10. Power System Economics
11. Power Electronics
12. Basic Electrical & Electronics Engineering
13. Linear Control Engineering
14. Energy Engineering

(ii) Post Graduate : NIL

(iii) Laboratories handled:

1. Electronics lab-III
2. Electronics Lab
3. Basic Electrical & Electronics Engineering Lab
4. Microprocessor & Microcontroller
5. Electrical & Electronics Lab
6. Electrical Engineering Lab
7. Basic Electrical & Electronics Engineering Lab
8. Measurement and Instrumentation Lab

Paper Publications / Presentation:

	Published	Accepted	Communicated	Total
International Journal	2	-	-	2
National Journal	-	-	-	-
International Conference	3	-	-	3
National Conference	-	-	-	-

FDP/STTP/Workshops attended: 11

Reviewer for the journals: NIL

Research guidance: NIL

Project Guidance: 6

Guest Lectures delivered: NIL

Professional Membership: Life member of ISTE

PAPER/JOURNALS/INTERNATIONAL CONFERENCE:

- [1] '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] "A novel cascaded H bridge multilevel inverter topology with reduced switch count for THD Minimization" in Advances in Natural and Applied Sciences, Annexure-II, May 2017, ISSN: 1995-0772,EISSN: 1998-1090, Pages: 338-348
- [3] "Comparative Analysis Of Cascaded H-Bridge multilevel inverters for Drive Applications" International Conference on Current Research in Engineering Science and Technology (SSRG group Publications) ICCREST Special Issue on 4th & 5th May 2016. elssN:2348-8379,pISSN:2349-9176
- [4] " Static Analysis Of Brushless Dc Motor Using Finite Element Analysis" ICAMEE-2013 held on 4th and 5th April, 2013. Dr.M.G.R.Educational and Research Institute, Chennai-95, India.
- [5] "Three Phase Neutral Point Clamped Inverter using Space Vector Pulse Width Modulation" SMART 12 held between 12th to 14th December, 2012. Sri Manakula Vinayagar Engineering College Madagadipet, Pondicherry-605107, India.

WORKSHOP:

1. Attended the 2 days workshop titled "Creative Thinking " organized by ICT Academy in Kings Engg College, Chennai on 7th and 8th May 2018
2. Attended one day IEEE workshop, titled "Industrial Automation Using IoT" on 7th July 2018 organized by MVIT
3. Attended in CSIR Sponsored two days workshop on "Recent Trends In Hybrid Power Generation" at MIT from 31.06.2017 to 01.07.2017
4. Attended one day workshop titled "Energy conservation and its methodology" on 19th Nov 2017 organized by Puducherry HR Circle & MVIT.
5. Attended ISTE one week STTP titled "Contemporary World of Electricity - Solar Energy" on 27th Nov to 1st Dec 2017 Organized by MVIT.
6. Attended the ICTACT sponsored program titled "Emotional Intelligence" from 22nd Nov 2017 to 23rd Nov 2017.
7. 5 days workshop on and received AUTO CAD User Level Certification ICT TRAINING Academy, Chennai Digital ID- W9MNK-FMFG May 14th 2016
8. Attended 2 days FDP on Solar energy-technology and products PHOCOS SOLAR INDIA PVT LTD 4th June 2016
9. Participated one day seminar on "Accreditation –Norms, Standards, Implementation In Technical Education" by Dr.Alagumurthy, Professor, Pondicherry engineering college 4th June 2016
10. Attended ISTE sponsored one day workshop on "Comprehensive Hands on Training Program Using Embedded System and Development" on 20th November 2015 at MVIT.
11. Attended the training titled "Life skills" held at ICT TRAINING Academy ,Puducherry from 2nd to 6th Nov 15.