



SRM Valliammai Engineering College


(An Autonomous Institution)

SRM Nagar, Kattankulathur-603203, Chengalpattu District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

Department of Electrical and Electronics Engineering

Personal Details

Name :	Dr.T.Santhoshkumar.	
Designation :	Assistant Professor	
Educational Qualification :	M.E.,Ph.D.	
Experience:	12 years	
Area of Specialization :	Power Systems	
Date of Joining :	15/12/2010	
Email ID :	santhoshkumart.eee@valliammai.co.in	
Contact Numbers :	+91-7904141526	

Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	EEE	Muthayammal engineering college/Anna university	2007
2	M.E.	Power Systems Engineering	College of engineering college guindy/Anna university	2010
3	Ph.D.	Power Systems Engineering	College of engineering college guindy/Anna university	2021

Professional Society Memberships

- 1.Indian Society of Technical Education: Life Member
- 2.IEEE Member: Annual Member
- 3.IAENG Member
4. Indian National Science Congress: Annual Member

Publication Details

Journal:

01-Jul-2020 to 01-JAN-2022

1. Thenpennaisivem Santhosh kumar, V. Senthilkumar, Improvement of transient and small signal stability in micro grid by hybrid technique with virtual synchronous generator control scheme, Transactions of the Institute of Measurement and Control, SAGE Journals. Volume 43, Issue 12, August 2021, Pages 2835–2859,ISSN: 0142-3312, Impact Factor: 1.796. SCI Journal.

01-Jul-2019 to 30-Jun-2020

Journal:

1. Thenpennaisivem Santhoshkumar, V.Senthilkumar ,Transient and small signal stability improvement in microgrid using AWOALO with virtual synchronous generator control scheme ", ISA Transactions, Volume 104, September 2020,Pages 233-244, ISSN: 0019-0578,Impact Factor: 5.03. SCI Journal.

2. Mr. Kanpath Karan.M, Ms. Maha Ramya.S, Mr. Mailesh.B, Mr. Sham Kumar.K and Mr. Santhosh Kumar.T/AP published a paper on ‘RFID Based Smart Electricity Bill Payment and Energy Sharing System through IoT’, International Research Journal of Engineering and Technology, Vol.7, Issue.3, March 2020.

01-Jul-2018 to 30-Jun-2019

Journal

1. Anusha.C.S, Jeyasooriya.S, Lavanya.M, Paul Haran.J & Santhoshkumar.T, "Battery or Ultra-Capacitor Energy Storage System for Implementing the Power Management of Virtual Synchronous Generator", International Journal of Research in Engineering, Science and Management, Vol. 2, No. 3, pp. 432-434, March 2019.

2. Manikandan.S, Meenakshi.S, Rashmi.K, Sanjeev.B & Santhoshkumar.T, "GSM Based Agricultural Monitoring System using Drone", International Research Journal of Engineering & Technology, Vol. 6, No. 3, pp. 1336-1339, March 2019.

01-Jul-2017 to 30-Jun-2018

Journal

1. S. Vignesh, S. Siranjivi, V. Dhanasekar, D. Sathish and T. Santhosh Kumar, "Real-Time Water Quality Monitoring System", IJSRD - International Journal for Scientific Research & Development, Vol.6, No.01, pp.1839-1842, March-2018.

01-Jul-2014 to 30-Jun-2015

1. Damping of power and enhancement of stability for a large Offshore Wind farm using a rectifier current Regulator ,International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, Impact Factor 4.439, 2015
2. A fuzzy controller for optimum power flow in doubly fed induction generator based wind energy conversion systems”, ,International Journal of Science and Research, Vol 4, Issue 1, pp1205-1209, , Impact Factor 4.439, 2015

Conferences:

1. Advanced Fuzzy control with sensorless control technique for a doubly for Induction generator in wind energy conversion systems, National Conferene on recent trends in Modern Electronics and its applications, 25-30, 2015
2. Improvement of stability and control of power using a PID based rectifier current regulator, National Conferene on recent trends in Modern Electronics and its applications, 31-36, 2015.

01-Jul-2013 to 30-Jun-2014

1. T.Santhoshkumar,” Stability analysis of an integrated system connected to a grid using a unified power flow controller ,IJIRSET, VOL-2, Issue-4, pp.250-253, ISSN :2321-0869, 2014.

Other Particulars

Events Attended:

1. FDP on “EE6009 - Power Electronics for Renewable Energy Systems” in SRM Valliammai Engineering College, Nov 2017.
2. FDP on “EE6007- Micro Electro Mechanical Systems.” in SRM Valliammai Engineering College, May 2017.
3. FDP on “EE6501-Power System Analysis” in SRM Valliammai Engineering College, April 2017.
4. FDP on “EE6302-Electromagnetic Theory” in SRM Valliammai Engineering College, April 2017.
5. FDP on “EE6403-Discrete Time Systems and Signal Processing” in SRM Valliammai Engineering College, Nov 2016.
6. FDP on “EE6403-Discrete Time Systems and Signal Processing” in SRM Valliammai Engineering College, January 2016.
7. Delivered lecture in FDP on “IC6501-Control systems” in SRM Valliammai Engineering College, Jun 2016.
8. FDP on “EE6303-Linear Integrated Circuits and Applications” in SRM Valliammai Engineering

College, Jun 2016.

9. FDP on “EE6404- Measurements & Instrumentation” in SRM Valliammai Engineering College, December 2015.
10. STTP on “Power System Operation and Control” in SRM Valliammai Engineering College, May 2014.
11. ATAL FDP on Electric Vehicles at North Eastern Regional Institute of Science and Technology.
12. ATAL FDP on Electric Vehicles at National Institute of Technology Tiruchirappalli.
13. ATAL FDP on Green Technology & Sustainability Engineering at SRM Valliammai Engineering College.
14. ATAL FDP on Distributed energy system modelling and control at Government Engineering College, Bharuch.

Online Course Certification:

1. Short course on course on, "Lear to Design your own Solar Home System". The certificate has been awarded as a part of Energy Literacy Drive of the Energy Swaraj Foundation in association with SRM Valliammai Engineering College. – Online, on 3rd July 2020.
2. NPTEL Course on ‘Body Language to Professional Success’, September 2019.
3. NPTEL Course on ‘Stress Management’, September 2018.
4. NPTEL Course on ‘Outcome based pedagogic principles for effective teaching’, March 2017.