



SRM Valliammai Engineering College


(An Autonomous Institution)

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

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Department of Electrical and Electronics Engineering

Personal Details

Name :	P.Tamilarasan	
Designation :	Assistant Professor(O.G)	
Educational Qualification :	M.Tech	
Experience:	5 Years & 7 Months	
Area of Specialization :	Power Electronics & Drives	
Date of Joining :	16/06/2014	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	EEE	ANNA UNIVERSITY	2008
2	M.TECH	POWER ELECTRONICS AND DRIVES	SRM UNIVERSITY	2013
3				

Professional Society Memberships

1. Indian Society of Technical Education
2. Indian Association of Computer Science and Information Technology(IACSIT)
3. Indian National Science Congress
4. International Association Of Engineers

Publication Details

1. R.Arivalahan, S.Balaji and P.Tamil Arasan, "Investigation of Genetic Algorithm tuned PI Controller for the Non-Linear Conical Tank Level Process" International Conference on Smart Automation in Computer, Electrical, Electronics And Communication Engineering (ICSA2k19)"at SRM Valliammai Engineering College, India, 6th and 7th September 2019, pp.183-186.
2. Dr.K.Elango, Dr.R.Arivalahan, Mr.S.Balaji, Mr.P.TamilArasan, "Basic Electrical, Electronics and Instrumentation Engineering", Book Publication on March 2019
3. R.Arivalahan, S.Balaji and P.Tamil Arasan "Investigation of Genetic Algorithm tuned PI Controller for The non-linear conical tank level process" i-manager's Journal on Instrumentation & Control Engineering, Vol.7,Issue 2, pp.1-8, February - April 2020.
4. M.Pradeep, A.K.Shanmugam, S.Sulthan Allaudeen, M.Suryaprakash , P.Tamilarasan,"Design of Full Bridge Three Level LLC Resonant Converter For Wireless Battery Charging with Pulse width Modulation Technique" on March 2019.
5. Kiruthika.R, Karthiga.K, Viknesver.S, Ramkumar.R and Tamilarasan.P,"Design of voltage regulator circuit for proposed foot power generation", Journal in IAENG, February – April 2018.
6. R.Arivalahan, S.Balaji and P.Tamil Arasan, " Development and Stability Analysis of Neuro tuned PI Controller for Non-Linear Conical Tank Level Process" Two Days National Conference on Science, Technology and Environment : Prospects and Limitation in the 21st Century(NCSTEPL-2017)"at Bineswar Brahma Engineering College (A Govt of Assam Institute), Chandrapara, Assam, India, 30th and 31st October 2017.

Other Particulars

U.G Projects Guided:

1. *Design of Full Bridge Three Level LLC Resonant Converter For Wireless Battery Charging with Pulse Width Modulation Technique, 2019.*
2. *Design of voltage regulator circuit for proposed foot power generation, 2018.*
3. *Solar Mower using linear blade by scotch yoke mechanism, 2017.*
4. Control of Wind Farm as STATCOM (Wind-STATCOM) for Increasing Grid Power Transmission Limits, 2016.
5. Space vector pulse width amplitude modulation with interleaved buck-boost converter for voltage Source inverter, 2015.

Events Conducted:

1. Workshop on AC and DC Drives dated 12/07/2019.
2. Workshop on Real time Analysis and implementation of FRTUS in High Power automation systems Using Tangedco Network dated 07/09/2018.
3. Workshop on Enhancement of power electronic devices in renewable energy dated 20/07/2017.
4. FDP on EE6401-Electric Machines-I dated 14th and 15th of November 2016.

Events Attended:

1. FDP on "EE8402-Transmission and Distribution" in SRM Valliammai Engineering College, Nov 2019.
2. FDP on "EE8301-Electrical Machines-I" in SRM Valliammai Engineering College, May 2019.
3. FDP on "EE8451-Linear Integrated Circuits and Applications" in SRM Valliammai Engineering College, Dec 2018.
4. FDP on "CS6456 - Object Oriented Programming" in SRM Valliammai Engineering College, Nov 2017.
5. FDP on "EC6651-Communication Engineering" in SRM Valliammai Engineering College, Nov 2017.
6. FDP on "EE6009 - Power Electronics for Renewable Energy Systems" in SRM Valliammai Engineering College, Nov 2017.
7. FDP on "EE6403-Discrete Time Systems and Signal Processing" in SRM Valliammai Engineering College, Nov 2016.
8. FDP on "EE6601-Solid State Drives" in SRM Valliammai Engineering College, Nov 2016.
9. FDP on "IC6501-Control systems" in SRM Valliammai Engineering College, Jun 2016.
10. FDP on "EE6303-Linear Integrated Circuits and Applications" in SRM Valliammai Engineering College, Jun 2016.

Online Certification Course Completed:

1. NPTEL Course on - "Introduction to research" on Jan-mar 2017.
2. NPTEL Course on - "Enhancing Soft Skills and Personality" on Jan-mar 2018.