



SRM Valliammai Engineering College

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

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Department of Electronics and Instrumentation Engineering

Personal Details

Name :	G. SHIVA		
Designation :	Assistant Professor (O.G)		
Educational Qualification :	M.E.		
Experience:	8 Years 4 Months		
Area of Specialization :	Control and Instrumentation		
Date of Joining :	23/12/2013		
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	EIE	St. Joseph's College of Engineering, Anna University	2008
2	M.E.	Control and Instrumentation	Valliammai Engineering College, Anna University	2013

Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. Member of Indian Science Congress Association

Publication Details

Journals:

1. "Smart fencing with fire alarm", Journal of Interdisciplinary Cycle Research, Vol. XIII, Issue-IV, pp255-260, April 2021.
2. "IOT BASED LOW COST VEHICLE MONITORING AND ALERT SYSTEM", International Research Journal of Engineering and Technology (IRJET) Vol-7, Issue-3, pp 827-830, March 2020.
3. "Health Monitoring and Stress Detection System", International Research Journal of Engineering and Technology (IRJET) Vol-6, Issue-3, pp 90-93, March 2019.
4. "Appliances Control in Virtual Reality using Leap Motion Somatosensory (LMSS) Controlled Switches", International Journal of Engineering Science and Computing, ISSN: 2321-3361, Vol-8, Issue-3, March 2018.
5. "Android based Application for Wireless Control of Wheelchair", International Journal of Science and Innovative Engineering & Technology, Vol-1, Issue-1, pp 440-443, May 2016.
6. "A bidirectional AC/DC converter using PWM technique for a grid tied micro grid system", International Open Journal for Engineering Research, Vol-1, Issue-3, pp168-173, April 2015.
7. "Design and Implementation of Movable Photovoltaic Array with MPPT to Increase the Power Output of Solar Cells", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol-3, Issue-4, pp143- 151, May 2014.
8. "PID compensated, Stability improved Impedance Source Inverter (ZSI)", International Journal of Scientific & Engineering Research, Vol-4, Issue-8, pp 151-155, Aug 2013.

Conferences:

1. “Density based Traffic Control using Image Processing “, Sixth National Conference of Recent Enhancement in Advanced Computing Technologies, held at Rase College of Engineering, Padappai 18th March 2017.
2. “Implementation and performance analysis of bidirectional AC/DC converter using simplified PWM technique for grid tied Micro Grid System”, National Conference on Recent Trends in Power, Control, Networking, Embedded and Communication Engineering (RTPCNEC-2015), 2015.
3. “A Bidirectional AC/DC Converter Using Simplified PWM Technique for Grid Tied Micro Grid Systems”, International Conference on Recent Innovations in Engineering & Technology, 13th and 14th February 2015, Chinnaselam, Villupuram District.
4. “Closed Closed loop voltage mode control of impedance source inverter (ZSI)”, 2013 International Conference on Emerging Trends in VLSI, Embedded System, Nano Electronics and Telecommunication System (ICEVENT), 2013, Tiruvannamalai – Proceedings published in IEEEExplore.

Research and Development Details

1. No of Conferences Convened: Co Coordinator - EtEIC’14
2. Delivered Guest Lecture in “AICTE Sponsored STTP MODERN OPTIMIZATION TOOLS IN ENGINEERING FIELD – V”, 08th December 2020.

Other Particulars

1. Department: Coordinator National Level Technical Symposium - Orkestrim 2K15
2. Department: Coordinator National Level Technical Symposium - Orkestrim 2K20
3. Successfully completed FDP on Student Induction Program and imparting UHV organized by AICTE.
4. Successfully completed Refresher Program on Student Induction Program and imparting UHV organized by AICTE.
5. Successfully completed exam reforms workshop organized by AICTE.
6. Successfully completed more than 6 NPTEL courses.
7. Successfully completed more than 3 NITTT module for Technical Teachers.
8. Successfully completed more than 4 ATAL FDPs