



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:	A.Dhivya		
Designation:	Assistant Professor		
Educational Qualification:	M.E.		
Experience:	4 Years		
Area of Specialization:	Power Electronics and drives		
Date of Joining:	04.07.2019		
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	EEE	Dr.Mahalingam College of Engineering and Technology, Pollachi.	2012
2	M.E.	Power Electronics and Drives	Government College of Engineering, Salem.	2016

Professional Society Memberships

1. Indian Society of Technical Education: Life Member

Publication Details

JOURNALS

1. Published a paper on "Puncture Detection in vehicles using MATLAB Image Processing", International Journal of Electrical Engineering and Technology (IJEET), Vol 12, Issue 3, March 2021.
2. Published a paper on 'Design, Implementation and Analysis of Cascaded H-bridge Multilevel Inverter for Wind Energy Conversion System', International Journal of Scientific Research and Engineering Development, Vol.3, Issue.2, Mar-Apr 2020.
3. Published paper entitled "Optimized allocation of power quality monitoring in distribution system considering fault location", in International Journal of Research in computer science and electronics Technology, Vol.1 Issue 4, Apr 2019.
4. Published paper entitled "Comparative Analysis of Sinusoidal PWM Strategies for Three Phase Symmetrical Cascaded H-BRIDGE Seventeen Level Inverter with Reduced of Switches" in International Journal of Electrical Engineering, Vol. 17 Issue 1, March 2017.
5. Published paper entitled "Average Current Mode Control Technique Applied to Boost Converter for Power factor Improvement and THD Reduction", in International Journal of Innovative Science, Engineering & Technology, Vol.3 Issue 2, February 2016.

Other Particulars

CONFERENCES

1. Attended 7th National Conference on "Contemporary Engineering and Technology" and Presented paper entitled "Optimized allocation of power quality monitoring in distribution system considering fault location", organized by Department of EEE, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai, Mar 2019.
2. Attended National Conference on "Emerging trends in Renewable Energy, Power quality & Optimization techniques" and Presented paper entitled "Optimized allocation of power quality monitoring in distribution system considering fault location", organized by Department of EEE, Er.Perumal Manimekalai College Of Engineering, Hosur, Feb 2019.
3. Attended 4th National Conference on "Advancements in Power Electronics and Drives" and Presented paper entitled Dynamic analysis of Boost Converter for Power factor Improvement and THD Reduction organized by Department of EEE, GCE, Salem, Mar 2016.
4. Attended 3rd National Conference on "Advancements in Power Electronics and Drives" and Presented paper entitled "An Improved ZVT-ZCT PWM DC-DC Converter", organized by Department of EEE, GCE, Salem, Mar 2015.

EVENTS ORGANIZED

1. SDP on "Electrical Hazards and Safety Measures", dated 18.06.2020.
2. SDP on "Energy Efficient Lighting system", dated 26.11.2020.
3. Inspirational Talk on "Interactive /Mentoring Session with Successful Startup Founders, dated 18.03.2021.
4. SDP on "SMART Energy Systems", dated 13.05.2021.
5. SDP on "Energy Management system", dated 30.11.2021.

LECTURE DELIVERED

1. Delivered SDP on "Electrical Hazards and Safety Measures" in SRM Valliammai Engineering College, dated 18.06.2020.
2. Delivered SDP on "Energy Efficient Lighting system" in SRM Valliammai Engineering College, dated 26.11.2020.
3. Delivered SDP on "SMART Energy Systems" in SRM Valliammai Engineering College, dated 13.05.2021.
4. Delivered SDP on "Energy Management system" in SRM Valliammai Engineering College, dated 30.11.2021.

ONLINE COURSE CERTIFICATION

1. NPTEL Course on "Fundamentals of Electrical Engineering", November 2019.

EVENTS ATTENDED

1. FDP on “Analog Electronics”, in SRM Valliammai Engineering College, May 2020.
2. AICTE Training and Learning (ATAL) Academy Online FDP on "Energy Engineering" from 2020-11-9 to 2020-11-13 at GANDHI INSTITUTE FOR EDUCATION AND TECHNOLOGY, BANIAMANGI.
3. AICTE Training and Learning (ATAL) Academy Online FDP on "Electrical & Computer Engineering" from 2021-2-22 to 2021-2-26 at MAHENDRA ENGINEERING COLLEGE AUTONOMOUS.
4. FDP on “Power Electronics”, in SRM Valliammai Engineering College, May 2021.
5. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Assessment and Utilization of Renewable Energy Resources" from 13/09/2021 to 17/09/2021 at GOVERNMENT ENGINEERING COLLEGE, PALANPUR.
6. FDP on “Modern Power Converters”, in SRM Valliammai Engineering College, Nov 2021.