

Kings College of Engineering

Department of Electrical & Electronics Engineering

Name : Mr. S.R.Karthikeyan	
Designation:	Assistant Professor
Qualification:	M.E., (PhD)
Area of Specialization:	Power Electronics & Drives, Power Quality, FACTS Devices, Electrical Traction
Experience:	Teaching: 17 Yrs.
	Industry: -NIL
No. of workshop / Conferences / FDP attended :	45
Publication :	Journal National: - NIL International: 2
	Conference National: 5 International: 7
Membership :	ISTE Life Member IEEE Member

Conferences:

1. Presented paper on "Power Quality Mitigation Problems and Alternative Solutions" in international conference at Kings College of Engineering on 26.04.2023.
2. Presented paper on "Touch Free Smart Gadget" in international conference at Kings College of Engineering on 12.04.2021.
3. Presented paper on "IoT Based Monitoring and Control of Distribution Transformer and Transmission Lines" in international conference at Kings College of Engineering on 12.04.2021.
4. Presented paper on "Solar based inverter less automatic irrigation and lighting system using micro controller" in international conference at K.Ramakrishnan college of Engineering, Trichy during 13th & 14th March 2018.
5. Presented paper on "IOT Based Smart Home Automation" in National conference at A.V.C College of Engineering on 23rd March 2018.
6. Presented paper on "A Microcontroller Based Monitoring and Controlling of PV Panel by Zigbee Module" National conference at Kings College of Engineering during 19th March 2018.
7. Presented paper on "IOT Based Monitoring and Controlling of Home Appliances by using Zigbee Technology" National conference at Kings College of Engineering during 19th March 2018.
8. Presented paper on "Fuzzy logic based quasi Z-source cascaded multilevel inverter with energy storage for photovoltaic power generation" in international conference at Kings College of Engineering during 24th to 26th Feb 2016.
9. Presented paper on "A Transformer less Step down AC-AC Converter by Using Switched Capacitor" in national conference at Kings College of Engineering on 12th March 2015.
10. Presented paper on "AC-AC Converter based on Switched Capacitor by using Microcontroller" in international conference at Imayam College of Engineering, Trichy on 30th march 2015.
11. Presented paper on "An integration of buck and boost converters through tapped inductor for wide input wide output" in international conference at Adhiparasakthi Engineering College.
12. Presented paper on "Embedded based pulse converter for induction heating" in national conference at Dhanalakshmi Srinivasan Engineering College.

Journals:

1. Published paper on “A Boost Converter for Low Voltage Applications through Bridgeless Circuit” in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 3, Issue 3, March 2014.
2. Published paper on “Analysis of power factor correction through wide input wide output DC-DC converter with tapped inductor” in international journal of CiiT.

Students Projects Selected:

1. Students funded project Rs. 10,000 selected in Niral Thiruvizha for the academic year 2023-24 in the title “Smart Poultry System” under Tamilnadu Skill Development Corporation.
2. Students project shortlisted in Vishwakarma Awards 2020 in the title “Non Contact Attendance Monitoring (NCAM)” under AICTE.