

Name of the Department: Electrical and Electronics Engineering

Name of the Faculty		Dr. E. Kaliappan			
Designation		Professor and HoD			
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	Email				
Qualification		UG	B.E	Electrical and Electronics Engineering	
		PG	M.Tech	Applied Electronics	
		Ph.D.,		Information and Communication Engineering	
		Specialization/ Major areas of Research			
Experience		Teaching: 21 Years	Industry: 0.6 Year	Research: 8 Years	
Professional Memberships		IEEE, ISTE, IET			
Papers Published in Journals		International : 16		National : 12	
Papers Presented in Conferences		International : 40		National : 11	
Awards / Achievements / Funded Projects / Consultancy					
<ul style="list-style-type: none"> ➤ Member in the Board of Studies, Anna University, Chennai for Framing the Curriculum and Syllabi for Regulation 2021 for affiliated Engineering colleges in Tamil Nadu. ➤ Achieved All India 2nd Rank in the AICTE CII Industry linked Institution survey ranking for 2021 under the Faculty of Electrical Engineering at Easwari Engineering College. ➤ As a IIC president, received full 4 star ranking by the Ministry of Education Innovation Cell (MoE IIC /AICTE) continuously for 2 years for Easwari Engineering College. ➤ IET Exemplary Teacher Award for the Year 2018. ➤ Awarded 100 most dedicated Professors by World Education Congress in Mumbai, 2018. ➤ Awarded with Distinguished Educator award (Electrical), Centre for Electrical Engineering Excellence, 2021. ➤ Outstanding faculty award in the field of Electrical Engineering for the year 2019 by Venus International Foundation. ➤ Received the DST international travel grant and young scientist award for presenting a paper in the international conference in Singapore during October 2010. ➤ Certified Entrepreneurship training coordinator- NSTEDB, EDII. ➤ Best Faculty Award for the Year 2014. ➤ 6 Merit certificates for producing 100% results. 					

Funds Received

- Modernization of Power Electronics Laboratory with Renewable Energy Applications – AICTE MODROBS- Rs.9,00,000/-.
- AICTE Sponsored Faculty development on “Mitigation of issues in Micro-Grids using HOMER and PV syst.” during 13th Nov. 2017 to 29th Nov. 2017. Easwari Engineering College Rs.5.71,000/-
- R&D Project, completed a Project Titled “Solar Street lighting system”- 4.5KW in Jaya Engineering College worth- Rs.6,00,000/-
- Entrepreneurship Awareness Camp Ref. No. DST, NSTEDB, EDII, Gujarat-2017-18- Rs.20,000/-
- Design and Development of Artificial Wind tree, Easwari Engineering College, TNSCST- Rs.10,000/-
- Smart Transportation System, IET Webinar Rs,20,000/-
- IEEE students Project Scheme Rs.10,000/-
- Faculty development Programme on Electric Drives and Control, Anna University sponsored, Rs.60,000/-
- International conference on Advances in Emerging Technology, 2015 and 2016 Rs.2,00,000/-
- International Travel grant for presenting paper in the International Power and energy conference at Singapore IPEC2010, Rs.75,000/-
- National level Project competition NLPC’16 Eye Opener Technologies Rs.1,00,000/-

Consultancy Projects completed and Ongoing

- Design and development of CAN protocol for EV charges, Voltech Engineers Pvt. Ltd – Rs. 1,00,000/-
- Electrical Works of New Residential Project at Medavakkam- Sumanam Engineering Services Pvt. Ltd- Rs. 2,77,300/-
- Design and development of Solar Insect trapper for agriculture- Valli digital Pvt. Ltd- 20 Nos.- Rs. 1,02,000
- Solar PV system installation for Apartments- DV promoters and Contractors- Rs.24,000/-

Reviewer in

- IEEE Trans. On Power Electronics, IEEE Trans. on Industrial Applications.
- American Journal of Applied sciences and International journal of Power electrics and control.
- International Journal of Computer science, Science Publishers

Editorial Board Member in the following International Journals

- International journal of Energy Engineering, Science tech, Scopus indexed
- International Journal of Automatic Control System
- International Journal of Electrical Machines & Drives
- International Journal of Electrical Power System and Technology
- International Journals of Power Electronics Controllers and Converters

Patent

- Published a patent titled “Artificial tree to Harness zephyr energy” on 22.03.2022
- Published a patent titled “Smart monitoring system for Leakage current” on 26.11.2021

Books Published

- Published a text Book titled "Control Systems Engineering" for ECE and EEE under regulation 2021 of Anna University.
- Published a text book titled "Electrical machines and Instrumentation Engineering" for ECE Dept., 2017
- Published a text Book titled Control Systems Engineering, ECE Dept. 2018
- Published 2 chapters in the Springer LNCS Lecture notes on Computer Applications, 2012.
- Published a Book titled "Smart Power grid" notion press, ISBN:9798885911160, 2022.