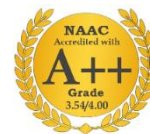




SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



<u>Department of Electrical and Electronics Engineering</u>			
Name	Mr.C.IMMANUVEL		
Date of Birth	19-12-1988		
Unique ID	1-4617268418		
Educational Qualifications	M.E(Ped), Phd(pursuing)		
Designation	Assistant Professor		
EmailID	Imman77@sethu.ac.in,		
AlternateEmail ID	vel.imman23@gmail.com		
Experience	Industry	Teaching	Total
	6	14	14
Date of Joining the Institution	03.01.2018		
Area of Specialization	Renewable energy		
Courses taught	Power system operation and control ,Electric hybrid vehicle, Transmission and Distribution, Measurements and Instrumentation, Linear Integrated Circuit, Electric and Hybrid Vehicle .		
Research Focus	Electric Vehicles charging System.		
No. of papers published	National Journals	International Journals	Conferences
	01	02	05
PG Specialization	Power Electronics and drives		
Ph.D. Specialization	Renewable Energy		
Patents (Filed & Granted)	02		



Tel:04566304600

Email:sit@sethu.ac.in

Web:www.sethu.ac.in

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
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UG	B.E	Electrical and Electronics Engineering	Anna University	2010
PG	M.E	Power Electronics and Drives	Anna University	2014
Ph.D.	Pursuing JAN 2024	Renewable Energy	Anna University	Pursuing

Details of Journal Publication:

1. A sinusoidal pulse width modulation (SPWM) technique for capacitor voltage balancing of nested I-type four level inverter, S Syed Abdul Haq, R Jeya Rohini, P Meenalochini, K Jeyakanth, C Immanuel, T Harish Babu, 2021/1/1, Journal Materials Today: Proceedings Volume 45, Pages 2435-2439, Publisher Elsevier
2. Analysis Of Smart Grid Integrated Hybrid Energy For Residential And E-Vehicle Charging Station: A Review , A. Radhika C. Immanuel, International Journal of environmental sciences, Volume 11, Issue 2229-7359, Pages 6s Publisher Academic Science Publications and Distributions
3. THIRD EYES' SHOES: THE SIGHT SENSE THROUGH SMART SHOES FOR DISABLED PERSON C THIAGARAJAN, S., IMMANUVEL 2023/11, Quantum Journal of Medical and Health Science Volume 5, Issue eISSN: 2785-8243, Pages 43-46, Quantum Academic Publisher

Details of Conference attended:

1. Switched Capacitor based cascaded multilevel inverters, C SRINIVASAN A, SASIRAJA R.M, IMMANUVEL, 2022, International conference on Emerging trends in information and communication technologies, Volume 11, Issue 1, Pages 19
2. High voltage boosting converters based on soft switched interleaved boost converters, International conference AICTE ICETET 15, 13-03.2015, C. IMMANUVEL, S.Thiagarajan
3. International Conference on "Emerging Trends in Information & Communication Technologies" ETICT 2K23- April 5th & 6th 2023. SOLAR PANEL efficiency by tackling dust by tackling dust and moisture accumulation charges, 05-04-2024, C. IMMANUVEL
4. International Conference on Nano material based sensors, Magnetic susceptibility and current density investigation of LBCO/MWCNT nanocomposites for HTSC applications, 19-12-2024, C. IMMANUVEL, S. Sivabharathy
5. ICETET Low cost balancing method for series connected battery applications, 07-03-2014, International, AICTE, C. IMMANUVEL, S.Thiagarajan

Details of Patents Filed and Granted:

1. Voice activated home energy management using machine learning, Application no : 202341071332, National, Date: 19-10-2023
2. High Performance Electric motors for Automotive Applications, Application no : 202541019441A, Date : 21-03-2025, International, Expert Lecture Delivered: 1-4617268418