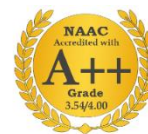




SETHU INSTITUTE OF TECHNOLOGY

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

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



Department of Electrical and Electronics Engineering			
Name	MR. MAHESH KUMAR K		
Date of Birth	17/09/1979		
Unique ID	1-2919816952		
Educational Qualifications	B.E.,M.E.,		
Designation	Assistant Professor		
Email ID	maheshkumar@sethu.ac.in		
Alternate Email ID	Profkmaheshkumar79@gmail.com		
Experience	Industry	Teaching	Total
	2 years	20 years	22 years
Date of Joining the Institution	04-01-2016		
Area of Specialization	Power System Engineering		
Courses taught	Power System Analysis, Power System Operation & Control, Protection & Switch Gear, Power Quality, Power System Transients, Transmission & Distribution		
Research Focus	Building energy Management System		
Subject Competency	Power System		
No. of papers published	National Journals	International Journals	Conferences
	1	1	6
PG Specialization	Power System Engineering		
Ph.D. Specialization	Electrical Engineering		



Tel: 04566304600
Web: www.sethu.ac.in

Email: sit@sethu.ac.in

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	MADURAI KAMARAJ UNIVERSITY	2001
PG	M.E.,	POWER SYSTEMS ENGINEERING	ANNA UNIVERSITY CHENNAI	2008
Ph.D.		ELECTRICAL ENGINEERING	ANNA UNIVERSITY CHENNAI	PURSUIING

Details of Journal Publication:

1. ZVS Asymmetrical PWM Full-bridge High Voltage Gain DC-DC Converter Controlled by ANFIS for Energy Harvesting Applications CEAI, Vol.21, No.4 pp. 51-58, 2019
2. A Review on Maintenance and Troubleshooting of DC Machines International Journal of Science and Engineering Applications Volume 5 Issue 3, 2016, ISSN-2319-7560

Details of Conference attended:

1. Presented a paper titled " Novel economic dispatch solution using generalized unified power flow controller (UPFC)" in the NIER International Conference Madurai. ISBN: 9788192958057.
2. Presented a paper titled " Minimization of Transmission losses using PSO Technique with Interline Power flow Controller " in the International Conference on Technical Advancements in Engineering & Technologies (ICTAET'15) organized by IISRT at Chennai on 4th April 2015
3. Presented a paper titled " Novel economic dispatch solution using generalized unified power flow controller(UPFC)" in the International Conference on Technical Advancements in Engineering & Technologies (ICTAET'15) organized by IISRT at Chennai on 4th April 2015
4. Presented a paper titled "*Novel Approach in Evaluation and Analysis of Voltage Sag in Power System*" at *National Conference on Emerging Trends in Engineering (NCETE'14)* on 4th April 2014 at PSN College of Engineering and Technology, Tirunelveli

Expert Lecture Delivered:

1. Acted as a Guest Leader and given a Guest Lecture Programme "*MATLAB on Power System Engineering*" on 6th March 2013 at LATHA MATHAVAN Engineering College, Madurai
2. Delivered guest lecture on Electrical Safety on 08.03.2025 at Sowdambika college of engineering, Aruppukottai.