

PROFILE

Name Dr.S.EDWIN JOSE
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EDUCATIONAL PROFILE

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks/ Grade Obtained	Class Obtained
B.E	Electrical and Electronics Engineering	2001	Raja College of Engineering and Technology, Madurai	Madurai Kamaraj University	61	First
M.E	Control and Instrumentation Engineering	2006	St. Xavier's Catholic College of Engg., Chunkankadai	Anna University Chennai	66	First
Ph.D	Electrical and Electronics Engineering	2017		Anna University Chennai		

Ph.D. Thesis : Development and Comprehensive Investigations of Inventive Components Count Reduced Multilevel Inverter Topologies

M.E Thesis : Fast Digital Image In Painting

Research Profile

No.of Publications (As on November 2019)

- Journal : 07
- International Conference : 06
- National Conference : 06
- Editorial Board :-
- Book :-

Research Scholars:

Sl.No.	Name of the candidate	Reg. No	University Registered	Area of Research	Status
1	P.Meenalochini Sethu Institute of Technology, Kariapatti.	18243791181	Anna University, Chennai.	Double functioning of Inverter	Course work Completed
2	E.Vanitha, P.S.R Engineering College, Sivakasi.	16244797288	Anna University, Chennai.	Automatic Lung Cancer Classification Using Content Based medical Image Retrievals	Course work Completed

Citation Details

Scopus:	Web of Science	Google Scholar:
<ul style="list-style-type: none">• Article:• Citation:• h index:	<ul style="list-style-type: none">• Article:• Citation:• h index:	<ul style="list-style-type: none">• Article: 06• Citation: 19• h index: 03

LIST OF PUBLICATIONS

JOURNALS:

1. **Edwin Jose S**, Lal Raja Singh R,(2019) “ Power Quality Disturbance Analysis of BLDC Motor Drive Using Wavelet Transform” Accepted in American Institute of Physics –Renewable and Sustainable Energy.

2. **Edwin Jose.S**, Titus., (2018) “Zig-Zag concatenated Double Rung H-bridges Based MLI” , Journal of Electrical Engineering, Volume 18, Edition 1.
3. **Edwin Jose.S**, Titus., (2017) “A stipulation Based Sources Insertion Multilevel Inverter for Waning the component count with separate DC Sources switches”, Journal of Electrical Engineering and Technology, volume 4, No.12, July 2017.
4. **Edwin Jose.S**, Titus., (2016) “A level dependent sources concoction multilevel inverter topology with reduced number of power switches” ,International Journal of Power Electronics, volume 16, No.3.
5. **Edwin Jose.S**, Titus., (2016) “Detection of Power Quality Disturbances Using Wavelet Transform Analysis” ,International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume.5, Issue.5.
6. **Edwin Jose.S**, Titus., (2012) “Detection and classification of power Quality using Adaptive Decomposition structure and neural Network”, European Journal of Scientific and Research (EJSR) volume 89, Issue 3.
7. Edwin Jose S, Ramraj S (2019),”CAT swarm optimization based solid state fault current limiter in distribution system” ,Journal of Emerging Technologies and Innovative Research (JETIR) Vol.6, Issue.2.

International Conferences

1. Vaishnavi Devi, **Edwin Jose S**, “PID and RID based Automatic Burner fire monitoring and controlling” International Conference on Science, Technology, Engineering and Management (ICSTEM '19), KalaingarKarunanidhi Institute of Technology, Coimbatore March 22 - 23, 2019.
2. Chidambaram, **Edwin Jose S**, “Voice Recognition Based Design A Robot path by AURDINO” International Conference on Science, Technology, Engineering and Management (ICSTEM '19), KalaingarKarunanidhi Institute of Technology, Coimbatore March 22 - 23, 2019.
3. **Edwin Jose S**, Ramesh S, “Analysis of Power Quality Disturbances of BLDC Motor Drive Using Modified Wavelet Transform” International Conference on

- Recent Trends in Engineering Education, P.S.R Engineering College in Association with NITTR, Chennai, October 5 -6 2018
4. **Edwin Jose S**, Titus S, “Classification of Power Quality Disturbance Using Combined Adaptive Decomposition Structure and Neural Network” International Conference on Electrical, Information and Communication Technology (ICEICT- 2015) , M.A.M. College of Engineering and Technology, Tiruchirappalli, March 6-7, 2015 .
 5. **Edwin Jose S**, Titus S, “Improved Wavelet Based Denoising Technique for Power Quality Disturbance Detection”, IEEE- International Conference on Research and Development Prospects on Engineering and Technology (**IEEE-ICRDPET 2013**), E.G.S Pillay Engineering College, Nagapattinam, March 29-30, 2013 .
 6. **Edwin Jose S**, Titus S, “Detection and Recognition of Power Quality Disturbances using Lifting Wavelet Transform”, IASTED International conference on “Engineering and Applied Science “(EAS 2012), **COLOMBO, SRI LANKA**, December 27- 29, 2012 in.

National Conference Publications:

1. **Edwin Jose S**, “Real Time Energy Imbalance Management for the Control of Electric Loads using State Estimation Technique”, National Conference on Emerging Trends in Electrical Sciences, Rajaas Engineering College Vadakkankulam March 15, 2013.
2. **Edwin Jose S**, “Assessment of Real Power and Loss In Pool based Electricity Market”, National Conference on Emerging Trends in Electrical Sciences, Rajaas Engineering College Vadakkankulam March 15, 2012.
3. **Edwin Jose S** , Titus.S “Modified Wavelet transform combined neural network for detection and classification of power quality disturbance” National Conference on Innovation and Power Electronics Controls and systems, MAM College of Engineering and Technology March 18-19,2011.

4. **Edwin Jose S**, “Signal Processing based Power Quality Disturbances Data Analysis”, National Conference on Emerging Trends in Electrical Sciences, Rajaas Engineering College Vadakkankulam March 15, 2011.
5. **Edwin Jose S**, “Fast Digital Image In painting”, National Conference on Advances in Computer Engineering and Networking (ACNET’06), PSNA College of Engineering and Technology, Dindigul, May 4, 2006.
6. **Edwin Jose S**, “ Digital Image In painting”, National Conference on Emerging Technologies in Electronics Systems(ETES-2006), Noorul Islam College of Engineering, Kumaracoil, April 29,2006.

DETAILS OF PROJECT PROPOSALS SUBMITTED :

S.No	Title	Funding Agency
1	Short Time Training Programme (STTP)	AICTE

MEMBERSHIP IN PROFESSIONAL BODIES

Life Member in Indian Society for Technical Education (ISTE), India ISTE (LM67759)

RECOGNITIONS:

Patent Published:

1. Prevention of Accidents by using Smart Helmet
2. Modular Design and Implementation of Stepped DC source Multilevel Inverter by Reducing the Switching Components

Reviewer:

1. IEEE Transactions on Industrial Electronics
2. International Transaction on Electrical Energy Systems