

FACULTY PROFILE

Name : M.Elakkiya
Designation : Assistant Professor
Email ID : elakkiya.eee@srit.org



Area of Specialization : Power Systems and Power Quality

Total Experience : 8 Months Academic : 8 Months
Industry : Nil

Educational Qualification:

Degree	Branch / Specialization	College	University
B.E	Electrical and Electronics Engineering	Velalar College of Engineering and Technology,	Anna University
M.E	Power Systems Engineering	V.S.B. Engineering College	Anna University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology	Assistant Professor	12.06.2015	Til Date	8 Months
Total (as on Feb 2016)					8 Months

Publications :

Journals :

1. M.Elakkiya, D.Muralidharan, "SFLA based controllers to improve the performance of three phase squirrel cage induction motor", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.20 (2015).
2. M.Elakkiya, D.Muralidharan, "Performance enhancement of three phase squirrel cage induction motor using BFOA", International Journal of Engineering Research and General Science, Volume2, Issue-6, October-November 2014, ISSN 2091-2730.
3. G Deepika, M Elakkiya, "Comparison of LLC and LCC resonant converter using conventional and Fuzzy controller", International Journal of Latest Technology in Engineering, Management and Applied Science Volume III, Issue X, October 2014 ISSN 2278 – 2540.

International Conferences:

1. Elakkiya. M, Mohamed Iqbal. M, Venkatesan. V, Gomathy. S "Energy conservation in Air conditioning System using Smart Control Technique", International Conference on Energy, Environment and Engineering, Coimbatore Institute of Technology, 2016.
2. M.Elakkiya, "SFLA based controllers to improve the performance of three phase squirrel cage induction motor", IEEE Sponsored 2nd International Conference on Innovations in Information Embedded and Communication Systems-ICIIECS'15, Karpagam College of Engineering, 2015.

National Conferences:

1. M.Elakkiya, "An intelligent BFO based self-tuning controllers for three phase squirrel cage induction motor", Indian National Academy sponsored Two days national conference on Power Electronics Applications in Renewable Energy, Vivekanandha Engineering College for Women, 2014.
2. M.Elakkiya, "Implementing a six switch three phase inverter fed BLDC motor for traditional applications National conference on emerging trends in engineering and technology, Jansons Institute of Technology, 2014.

3. M.Elakkiya, “Balanced voltage control for loads using smart transformer in a microgrid”, National conference on emerging technologies and applications in electrical sciences, Velalar College of Engineering and Technology, 2014.

Seminar, Conference, Workshop Attended:

S.NO.	Organizing Institution	Venue	Title	Date(s)
1.	Amrita Vishwa Vidyapeetham University	Amrita Vishwa Vidyapeetham University, Coimbatore	Soft Computing Techniques	17.07.2015 to 18.07.2015.
2.	Kongu Engineering College	Kongu Engineering College, Erode	Advanced controller design for power electronic converters in renewable energy systems using MATLAB and DSPACE	99.09.2014 to 10.09.2014
3.	ISTE – IIT Bombay	Sri Ramakrishna Institute of Technology, Coimbatore	Technical communication	30.11.2015 to 05.12.2015

Contributions to the Institution, Department and Society:

1. Acting as a Tutor of 2014-2018 batch
2. Acting as a Deputy warden for Girl’s hostel
3. Guiding a project for final year students