

Bio Data

PERSONAL DETAILS



Name : **N.KAYALVIZHI**
Designation : Associate Professor
Institution : K.S.Rangasamy College of
Technology, Tiruchengode
Husband's Name : S.P.Sankar
Date of Birth & Age : 31.05.1979, 44 Years
Address for communication : Associate Professor
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ACADEMIC PROFILE

QUALIFICATION	COLLEGE/SCHOOL	UNIVERSITY/B OARD	YEAR OF PASSING	PERCENTAGE / CGPA & CLASS
M.E. (Power Systems Engineering)	College of Engineering Guindy, Chennai	Anna University	May' 2007	6.85 CGPA First Class
B.E., (Electrical and Electronics Engineering)	Maharaja Engineering College, Avinashi.	Bharathiyar University	May' 2000	69.47 / First
H.S.C.	St.Mary's Girls Higher Secondary School, Mettur Dam -1	State board	Apr' 1996	72.92 / First
S.S.L.C.	St.Mary's Girls Higher Secondary School, Mettur Dam -1	State board	Mar' 1994	80.00 / First

PROFESIONAL EXPERIENCE

Teaching: 21 years

S.No	Institution	Post held	Period	Experience
1	K.S.R. College of Technology, Tiruchengode	ASP	01.07.2016 Till Date	7 years & 2 Months
2	K.S.R. College of Technology, Tiruchengode	Asst. Professor	07.12.2009 - 30.06.2016	6 years & 7 months
3	Rajalakshmi Engineering College, Chennai.	Senior Lecturer	June 2007 – Nov' 2009	2 years & 5 months
4	PGP College of Engineering and Technology, Namakkal.	Lecturer	June 2000 – July 2005	5 years and 20 days

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

- M.Mythili, N.Kayalvizhi, "Comparison of GA and PSO Algorithms in Cascaded Multilevel Inverter using Selective Harmonic Elimination PWM Technique." International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering.
- S.Savitha and N.Kayalvizhi (2016), "Inverters Current Frequency Deviation based Islanding Detection in Grid Connected Photovoltaic System" International Journal of Engineering Sciences and Research Technology ISSN: 2277-9655, Vol. 5, Issue 2, pp. 637-643.
- S.Savitha and N.Kayalvizhi, "The Support Vector Machine Technique for Islanding Detection in Distributed Generation" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 5, Issue 5, May 2016, pp. 4075-4083

INTERNATIONAL CONFERENCES

- B Venkatesh, S Chandramohan, N Kayalvizhi, RP Kumudini Devi, "Optimal reconfiguration of radial distribuion system using artificial intelligence methods", IEEE Toronto International Conference Science and Technology for Humanity (TIC-STH), Pages 660-66
- M.Revathy, N.Kayalvizhi, "Interleaved Boost Converter with High Frequency Operation for Dynamic Load" Proceeding of International Conference on Recent Advances in Technology, Engineering, Management & Science.

- C.Srinivasan, N.Kayalvizhi, “Multi-Objective Reconfiguration of Radial Distribution System using AI technique” Proceeding of International Conference on Renewable Energy Utilization (ICREU-2012) on January 04-06, 2012.
- S.Savitha and N.Kayalvizhi (2016), “Islanding Detection Technology for Grid-connected Wind Based Distributed Generation” proceedings of IEEE conference on Advanced Computing and Communication System (ICACCS-2016), Sri Eshwer College of Engineering, Coimbatore, during 23rd and 24th January.

NATIONAL CONFERENCE

- M.Revathy, N.Kayalvizhi, “Improving Dynamic Performance and Ripple Reduction by Interleaved Boost Converter” Proceeding of the Fifth National Conference PEDC’11.

THESIS SUPERVISED: FOR M.E. / M. TECH. PROGRAMME

S. No.	Title of the Thesis Supervised	Name of the candidate	Completed (year)	In progress (With Status)
1.	Improving Dynamic Performance and Ripple Reduction by Interleaved Boost Converter	M.Revathy	2011	Completed
2.	Multi-Objective Reconfiguration of Radial Distribution System using AI technique	C.Srinivasan	2012	Completed
3.	Comparison of GA and PSO Algorithms in Cascaded Multilevel Inverter using Selective Harmonic Elimination PWM Technique.	M.Mythili	2014	Completed
4.	Grid Interconnection of Hybrid Energy Sources at the Distribution Level with Power Quality Improvement.	M.Natarajan	2014	Completed
5.	Islanding Detection Technology for Grid-connected Wind Based Distributed Generation	S.Savitha	2016	Completed

LIST OF WORKSHOPS / TRAINING PROGRAMMES ATTENDED

S No.	Title	Venue	Duration	Sponsoring Authority
1.	Industrial Drives Automation and Intelligent Control.	GCE, Salem	1.3.17 – 7.3.17	TEDIP-II
2.	Workshop on Intellectual Property Rights	KSRCT, Tiruchengode.	6.8.16	-

3.	Smart Grid – Technology and Applications.	KSRCT, Tiruchengode.	22.4.16-23.4.16	KSRCT.
4.	Nano-technology for Sustainability: Energy Conversion and Storage.	KSRCT, Tiruchengode.	6.5.13 - 18.5.16	AICTE.
5.	Nano-Dielectric Materials in electrical Insulation Application	KSRCT, Tiruchengode.	16.11.12 - 17.11.12s	CSIR – New Delhi
6.	Smart Grid for Distributed Energy Resources	KSRCT, Tiruchengode.	18.11.11 – 19.11.11	CSIR – India
7.	Power System Analysis & Its Application in Current Scenario	Kongu Engineering College	08.07.2020 – 12.07.2020	Kongu Engineering College
8.	Women Entrepreneurship Development Program - I	SRM Institute of Science & Technology, Chennai	2202.2021 – 23.03.2021	DST Govt. of India.
9.	Including Universal Human Values in Technical Education	AICTE	11.052022 - 15072022	AICTE
10.	Recent Advancement in Electrical Engineering	Haldia Institute of Technology,	19.08.2023 – 23.08.2023	IQAC & IE(I)
11.	Advanced Research Methodology.	SRM Institute of Science & Technology, Chennai.	03.07.2023 – 18.072023	SRM IST, Chennai.
12.	Design Thinking	R.P.Sarathy Institute of Technology	20.07.2023 – 21.072023	ICT Academy

AWARDS RECEIVED

Type of Award	Nature of award	Awarding Institute / Organization
Appreciation for 100% results in University Examination	Certificate of Merit with Cash Prize – 4 times	K.S.Rangasamy College of Technology

Date:

Place:

KAYALVIZHI.N