


## Bio-Data

### PERSONAL DETAILS

Name	:	<b>Dr. P. ARAVINDAN</b>	
Designation	:	Professor	
Institution	:	K.S. Rangasamy College of Technology, Tiruchengode	
Father's Name	:	PALANIAPPAN	
Date of Birth & Age	:	<b>15.06.1971 &amp; 48</b>	
Address for communication	:	<b>Professor</b> Dept. of Electrical and Electronics Engineering K.S.Rangasamy College of Technology, Tiruchengode-637 215. Namakkal Dist	
Residential Address	:	3/81-A, Mandagapalayam, Kumaramangalam(PO), Tiruchengode (TK), Namakkal (DT) - 637 205.	
Email	:	<a href="mailto:paksrct@gmail.com">paksrct@gmail.com</a> <a href="mailto:aravindan@ksrct.ac.in">aravindan@ksrct.ac.in</a>	
Mobile	:	9952425269	
Land line (Office)	:	04288-274741, Extn: --	
Fax	:	+914288-274860, 274745	

## **ACADEMIC PROFILE**

<b>Degree</b>	<b>Institution/University</b>	<b>Specialization</b>	<b>% of Marks / Class obtained</b>	<b>Year of completion</b>
Ph.D.	Anna University Chennai	Electrical Engineering (Power Electronics application to RES)	-	June-2015
M.E.	Faculty of Electrical Engineering	Annamalai University.	7.82 CGPA	2002
B.E.	Shanmugha College of Engineering, Thanjavur (Tanjore) Tamil Nadu.	EEE	59.12%	1993
HSC	Govt.Hr. Sec.School, Namagiripet, Namakkal Dt	Board of Higher secondary Education.	68.3%	1988
SSLC	Govt.Hr. Sec.School, Namagiripet, Namakkal Dt	Board of Higher secondary Education.	64 %	1986

## **PROFESIONAL EXPERIENCE : 23 YEARS**

**Teaching:** UG - 16 years 3 Months

PG - 09 years

**Industry :** - 06 years 9 Months

**Research:** 11 years

<b>S.No.</b>	<b>Institution</b>	<b>Post held</b>	<b>Period</b>	
			<b>From</b>	<b>To</b>
1	K.S.R. College of Technology, Tiruchengode	Professor	01.07.2016	Till Date
2	K.S.R. College of Technology, Tiruchengode	Asso. Professor	01.12.2012	30.06.2016
3	K.S.R. College of Technology, Tiruchengode	Assistant Professor	01.07.2005	30.12.2012
4	K.S.R. College of Technology, Tiruchengode	Lecturer	26.05.2003	30.06.2005
5	Cheran Spinning Mills Ltd. Dindigul.	Electrical Engineer	19.01.1997	06.11.2000
6	Kovai Medical Center and Hospital Ltd. Coimbatore.	Electrical Engineer	01.12.1993	30.12.1996

## Administrative / Technical experience

Sl. No.	Name of the Assignment	Duration	Nature of responsibility
01	NBA & AICTE-Asst. Coordinator-Institution Level.	2012-2014	Preparation of documents in relevant format For NBA, UGC 2 (f) & 12(b), Anna University affiliation format, New course application preparation, etc.
02	IGNOU-Study Center- 2564 Coordinator (Namakkal, Salem, Erode, Districts)	2007- Till date	Study center administration for IGNOU student. Preparation of academic Schedule, Counseling Schedule, Examination Conduction, admission, Counseling for student, New course introduction, academic related assistance for course materials, Implementation of ICT Tools for Distance Education Etc.,
03	Professor I/C (Rule 3 person) for 2600 kVA Substation and Electrical Consultants for KSR Institutions	2006 to till date	Proposal for LT to HT Electrical Installations, Preparation of electric schematic diagram, Design of HT structure with VCB, MV Panel, SSBs, LMSB, DBs, Raising Main for multi storage building, and APFC and Harmonic Mitigation Panels for KSR Institutions, Maintenance of all Generators and Transformers, and Routine maintenance and inspections like R46, R63, Addition of new loads and power quality monitoring like PF and THD for institutions, Energy Saving concepts Etc.,
04	Project Engineer for 1 MWp Roof Top Solar Power Generation Project subsidized by SECI New-Delhi	2017 to till date	720.12 kWp have commissioned and another 280 kWp installations in progress.

## **JOURNAL PUBLICATIONS/CONFERENCES/WORKSHOPS:**

Journal Publications		No. of Conferences attended		No. of Workshop/Seminar/STTP/FDP	
National	International	National	International	Attended	Organized
-	19	03	18	33	03

### **TITLE OF Ph.D. THESIS :**

*“Analysis of Quasi Z-Source Power Converters for Low Speed Direct Drive Wind Energy Conversion System”.*

### **RESEARCH SUPERVISOR:**

**Recognized Research supervisor** – Anna University Chennai, India –  
Ref. No. : **2830029** Aravindan P.

**Number of research scholar doing research:** 1

Sl. No.	Name of the candidate	Area of research	Year of Registration	Status
1	Mr.N.Vishvanath Reg.No. 19143697163	Renewable Energy Systems	2019	Course work registered

### **LIST OF PUBLICATIONS MADE:**

#### **2009-2010**

IJ1. **P.Aravindan** and M.Y.Sanavullah, “Fuzzy Logic Based Automatic Load Frequency Control of Two Area Power System with GRC”, International Journal of Computational Intelligence Research, Vol.5,No.1, pp.37-44, 2009.

#### **2011-2012**

IJ 2. I.Syed Meer Kulam Ali, **P.Aravindan** and Dr.M.Y.Sanavullah, “MPPT Based Permanent Magnet Synchronous Generator for Wind Energy Conversion System”, International Journal of Communications and Engineering, Volume 04-No.4, Issue: 02 March 2012.

IJ 3. **P.Aravindan**, S.Thangavel and M.Y.Sanavullah, "Maximum Energy Extraction in Wind Solar Hybrid Energy Conversion System", European Journal of Scientific Research, Vol.63, No.1,pp.90-98, 2011.

### **2012-2013**

IJ 4. Bharani Kumar Ramasamy, **Aravindan Palaniappan** and Sanavullah Mohamed Yakoh, "Direct Drive low-speed Wind Energy Conversion System Incorporating Axial-type Permanent Magnet Generator and Z-Source Inverter with Sensor less Maximum Power Point Tracking Controller", The Institution of Engineering and Technology, (**IET**), 2013

IJ 5. **P.Aravindan** and M.Y.Sanavullah, "Analysis of Direct Drive Permanent Magnet Generator with Power Electronic Converter and New MPPT Controller", Wulfenia Journal, Vol 20, No.3, March 2013.

### **2013-2014**

IJ 6. **P.Aravindan**, R.Bharani Kumar and M.Y.Sanavullah, "Implementation of Genetic Algorithm Based Cascaded Multilevel Inverter Using SHEPWM Technique", Australian Journal of Basic and Applied Sciences, 7(14) December 2013.

IJ 7. **P.Aravindan**, M.Y.Sanavullah and G.Vijaykumar, "Renewable Energy Based Shunt Compensator for Power Quality Improvement Using P-Q Control Theory", International Review on Modelling and Simulations (I.RE.MO.S.), Vol.7,N.1, Feb 2014.

IJ 8. **P.Aravindan**, S.Siyamalagawri and M.Y.Sanavullah, "Stability Enhancement in Microgrid Using Fuzzy Logic Controller", International Journal of Advanced and Innovative Research, Volume 3 Issue 2, Feb 2014.

### **2014-2015**

IJ 9. **P.Aravindan** and T.Vidya, "Investigate the Performance of Hierarchical Control in Microgrid Application", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol.4, Issue 2, February 2015

IJ10. **P.Aravindan** and G.Subbulakshmi, "Uninterrupted Supply and Frequency Support for Local Load in Microgrid by Battery Energy Storage System (BESS)", International Journal of

Advanced Research in Electrical, electronics and Instrumentation Engineering, Vol.4, Issue 2, February 2015.

IJ11. **P.Aravindan** and T.Vidya, "Analysis the Performance of Three Phase Inverter Using Hierarchical Control Methods in Microgrid", International Journal of Research and Engineering, 2015.

IJ12. G.Subbulakshmi and **P.Aravindan**, "Enhance the Performance and Lifetime of Battery Energy Storage System (BESS) in Microgrid by Intelligent Technique", International Journal of Advanced Information and Communication Technology, May 7, 2015.

### **2015-2016**

IJ13. C.Udhaya Priyadarshini and **P.Aravindan**, "Power Quality Improvement Using Various Energy Sources and Energy Storage System in Microgrid", International Research Journal of Engineering and Technology (IRJET), Vol.02, Issue 09, December, 2015.

J14. R.Praveen kumar and **P.Aravindan**, "Analysis of 2 Area Load Frequency Control Employing Different Computational Methods", International Research Journal of Engineering and Technology (IRJET), Vol.02, Issue 09, December, 2015.

IJ15. C.Udhaya Priyadarshini and **P.Aravindan**, "Operation of Microgrid with Variable Generation and Energy Storage System", International Journal of Trending Research and Development, Vol.3 (1), ISSN.2394-9333, 2016.

### **2016-2017**

IJ16. **P.Aravindan** and C.Venkateswaran, "Fault Current Based Fault Location in Multiterminal Transmission Line using Wavelet Transform", International Journal of Biometrics and Bioinformatics, Vol. 9, No.2, 2017.

### **2018-2019**

IJ17. **P.Aravindan** and K. Syed Mansoor, "Improvement of Coordinated Bidirectional Over current Relay's Sensitivity and Load Restoration Time using Fuzzy Technique in Smart Grid", International Journal of advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 8, Issue 1, January 2019, PP 108- 116, ISSN (ONLINE): 2278-8875.

IJ18. **P.Aravindan** and K. Syed Mansoor, "Comparison of Coordinated Bidirectional Over current Relay's Sensitivity and Load Restoration Time using Fuzzy Technique in Smart Grid", International Journal of for Science and Advance Research in Technology, Vol. 5, Issue 3, March 2019.

## **NATIONAL CONFERENCE**

### **2010-2011**

NC1. P.Rajasekar and **P.Aravindan**, "Performance Improvement on WECS Using Semi Controlled Rectifier", National Conference on Emerging Trends in Instrumentation Systems, NCETIS'11, March 11-12, 2011.

### **2011-2012**

NC2. R.Rajarajan and **P.Aravindan**, "Maximum Power Extraction in Micro grid Connected DFIG using 3 Level Diode Clamped Inverter", Proceedings of National Conference on Efficient Power Generation and Conversion

### **2014-2015**

NC3. **P.Aravindan** and T.Vidya, "Enhance the Performance of Hierarchical Control in Micro grid Applications", National Conference on Emerging Techniques in Electrical Engineering, 15th April, 2015.

## **INTERNATIONAL CONFERENCE**

### **2011-2012**

IC 1. I.Syed Meer Kulam Ali, **P.Aravindan** and Dr.M.Y.Sanavullah, "MPPT Controller Design for Direct Drive PMSG Wind Generation System with ZSI", International Conference on Advances in Mechanical, Manufacturing and Building Sciences (ICAMB-2012), Jan 9-11, 2012.

IC 2. R.Rajarajan and **P.Aravindan**, "Maximum Power Extraction in Grid Connected DFIG using 3 Level Diode Clamped Inverter", International Conference on Computing, Electronics and Electrical Technologies (ICCEET), 2012

IC 3. I.Syed Meer Kulam Ali, **P.Aravindan** and Dr.M.Y.Sanavullah, "MPPT Based Permanent Magnet Synchronous Generator for Wind Energy Conversion System", International Conference in Advanced Computing Technology (ICACT-2012), 2012

IC 4. I.Syed Meer Kulam Ali, P.Aravindan and Dr.M.Y.Sanavullah, "Z-Source Inverter Based WECS for PMSG Using Fuzzy Logic", International Conference on Networks, Intelligence and Computing Technologies, ICNICT 2011 December 15-16, 2011.

IC 5. R.Rajarajan and **P.Aravindan**, "Maximum Power Extraction in Grid Connected DFIG using Multi-Level Back-Back Converter", International Conference on Renewable Energy Utilization, Jan 04-06, 2012.

## 2012-2013

IC 6. M.Y.Sanavullah and **P.Aravindan**, "Power Quality Improvement on Direct Drive PMSG with Z- Sourcefed Multilevel Inverter", International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC-2013), 17th & 18th, April 2013.

IC 7. R.Rajarajan, **P.Aravindan** and Dr.M.Y.Sanavullah, "Maximum Power Extraction in Grid Connected DFIG Using Multilevel Back-Back Converter", Proceedings of the International Conference on Renewable Energy Utilization (ICREU-2012), January 04-06, 2012.

IC 8. A.Sakthivel, **P.Aravindan** and Dr.M.Y.Savanullah, "A Novel Three Phase Power Quality Improvement Rectifier for PMSG based WECS", International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC-2013), 17th & 18th, April 2013

## 2013-2014

IC 9. **P.Aravindan**, M.Y.Sanavullah and R.Bharani kumar, "A Noval Three Phase Power Quality Improvement Rectifier for 16 Pole Radial Flux Permanent Magnet Synchronous Generator Based Direct Drive Wind Energy Conversion System", International Conference on Innovation in Information Embedded and Communication Systems, 2014.

## 2014-2015

IC 10. G.Subbulakshmi and **P.Aravindan**, "Uninterrupted Supply and Frequency Support for Local Load at Point of Common Coupling in Microgrid by Battery Energy Storage System", Proceedings of the Third International Conference on Design and Applications of Structures, Drives, Communicational and Computing Systems, December 2014.

IC11. T.Vidya and **P.Aravindan**, "Investigate the Performance of Hierarchy Controller in Microgrid Application", Proceedings of the Third International Conference on Design and Applications of Structures, Drives, Communicational and Computing Systems, December 2014.

IC12. G.Subbulakshmi and **P.Aravindan**, "A Support for Local Load in Microgrid by Battery Energy Storage System", International Conference on Advances in Control and Computing of Analog and Digital Systems, December, 2014.

IC13. T.Vidya and **P.Aravindan**, " Hierarchical Control of Microgrid Based Parallel Connected Three Phase Voltage Source Inverters", International Conference on Advances in Control and Computing of Analog and Digital Systems, December, 2014.

IC14. G.Subbulakshmi and **P.Aravindan**, "Uninterrupted Supply for Local Load by Battery Energy Storage System using Intelligent Technique", International Conference on Innovation in Information Embedded and Communication Systems, 2015.



## 2015-2016

IC 15. Udhaya Priyadarshini.C and **Dr.P.Aravindan**, “ Power quality Improvement Using Renewable energy Sources and Energy Storage System in Microgrid”, Proceeding of International Conference on Electrical, Electronics, Instrumentation and Computer Communication, Karpagam College of Engineering, 18<sup>th</sup> and 19<sup>th</sup> , Dec. 2015, pp. 82-86.

IC16. Udhaya Priyadarshini.C and **Dr.P.Aravindan**, “Harmonics Reduction using Renewable Energy Sources with Inter-line Power Flow Controller in Microgrid”, Proceedings of International Conference on Systematic Evolutions in Engineering, Surya Engineering College, March 23, 2016, pp 57-62.

## 2017-2018

IC 17. C.Venkateswaran and **Dr.P.Aravindan**, “ Fault Current Based Fault Location in Multiterminal Transmission Line using Wavelet Transform”, Proceedings of International Conference on Contemporary Topics in Power Engineering and Aiding Technologies (ICCPEAT’ 2017), Pondicherry Engineering College, Puducherry-605 014. 24<sup>TH</sup> -25<sup>TH</sup> February, 2017.

## 2018-2019

IC 18 K.Syed Mansoor, **Dr.P.Aravindan**, “Improvement of coordinated Bidirectional Overcurrent Relay’s Sensitivity and Restoration Time Using Neuro-Fuzzy Technique in smart grid”, Proceedings of International Conference on Resent Innovations in Engineering, Technology and Management, CRIETM-2019. Conducted in Nandha Engineering College, Erode – 52, 22<sup>ND</sup> March 2019.

**THESIS SUPERVISED: FOR M.E. / M. TECH. PROGRAMME:** 18 Students.

Sl. No.	Title of the Thesis Supervised	Name of the candidate	Completed (year)	In progress (With Status)
1.	A novel logistic regression based fault distance estimation scheme for transmission line	Venkateswaran C	2017	Completed
2.	Harmonics reduction using renewable energy sources with inter-line power flow controller in micro-grid	Udhaya Priyadarshini C	2016	Completed
3.	Artificial bee colony algorithm for load frequency control in two area reheat interconnected system coordinated with SMES unit	Praveen Kumar R	2016	Completed
4.	Uninterrupted power supply for local load by battery	Subbulakshmi G	2015	Completed

	energy storage system using intelligent technique			
5.	Enhance the performance of micro-grid by hierarchical control using unified PSM technique	Vidya T	2015	Completed
6.	Power system stability improvement and power flow control by multi-agent technique	Selvarasu K	2014	Completed
7.	Fuzzy logic based control of micro-grid	Siyamala Gawri S	2014	Completed
8.	Power quality improvement on direct drive PMSG with Z-source fed multilevel inverter	Sony Johny V	2013	Completed
9.	Maximum power extraction in PMSG based wind energy conversion system	Syed Meer Kulam Ali I	2012	Completed
10.	Design and implementation of power factor improvement converter for PMSG based WECS	Sakthivel A	2012	Completed
11.	Maximum power extraction in grid connected DFIG using multilevel back to back converter	Rajarajan R	2012	Completed
12.	Performance improvement on WECS using semi controlled rectifier	Rajasekar P	2011	Completed
13.	High power factor harmonics distortion correction for high pressure sodium vapor lamp using electronic ballast on AC –AC converter	Malaravan G S	2010	Completed
14.	Development of hybrid electric power generation with power converters-solution to power system crisis	Gunasekaran R	2010	Completed
15.	Sliding mode fuzzy based voltage controller for buck converter	Mohan S	2008	Completed

16.	Harmonic compensation for a single phase shunt active filter by using impedance emulator	Kamachikannan V	2007	Completed
17.	UHDL based fuzzy logic controller for truck control	Ravi S	2006	Completed

**CONFERENCE / SEMINAR / WORKSHOPS ORGANIZED AS COORDINATOR/CHAIRPERSON:**

Sl. No.	Title of the Conference / Seminar / Workshop organized	Month/Year	Venue	Sponsoring Authority
1.	International Conference on Nanomaterials and Nanotechnology	December 2015	K.S. Rangasamy College of Technology.	CNST
2.	National Conference on Advanced Computing, Control and Automation	April 2009	K.S. Rangasamy College of Technology.	CSIR
3.	National Symposium on Acoustics	December 2007	K.S. Rangasamy College of Technology.	CNST

**LIST OF WORKSHOPS / CONFERENCE/ TRAINING PROGRAMMES ATTENDED:**

Sl. No.	Title	Venue	Duration	Sponsoring Authority
01	Workshop on “Intellectual property Rights”	K.S. Rangasamy College of Technology, Tiruchengode.	August 6, 2016	-
02	Two days conference for Coordinator and Programme In Charge of Chennai Region	Indira Gandhi National Open University (IGNOU).	July 1 & 2, 2016	IGNOU-NEWDELHI
03	Presented a paper on “Modern Approaches in the subject and IGNOU Syllabus” in the Meeting of Coordinator and Programme	Indira Gandhi National Open University.	July 01 & 02, 2016.	IGNOU- New Delhi.

	In Charge of Chennai Region			
04	ISTE STTP on “Technical Communication”	K.S. Rangasamy College of Technology, Tiruchengode.	Oct 08 to Dec 05, 2015	IIT, Bombay
05	ISTE workshop on “Control Systems”	K.S. Rangasamy College of Technology, Tiruchengode.	Dec 02 to 12, 2014	IIT, Kharagpur.
06	Workshop on “R&D Project Proposals-Awareness, Needs and Benefits “	Anna University, Chennai.	Feb 26, 2014	-
07	Short-Term Training Program on “Wind Energy Electric Conversion Systems”	National Institute of Technology, Tiruchirappalli.	Jan 04 & 05, 2013	-
08	Attended and Presented a paper on “Maximum Energy Harvesting in Standalone Hybrid System” in the National Conference on “Emerging Trends in Electrical Science”	Institute of Road and Transport Technology, Erode.	Aug 04, 2011	-
09	Faculty Development Programme on “Efficient Energy Management in Clean and Renewable Energy Systems”	IEEE Madras Section	March 24 & 25, 2011	-
10	Attended and Presented a paper on “PWM Based Performance Improvement on Wind Energy Conversion System” in the 4 <sup>th</sup> National Conference on Electrical and Instrumentation Systems	Government College of Technology, Coimbatore.	March 17, 2011	-
11	Pre-conference Tutorial on “Wind Energy Systems-Modeling and Designing”	Coimbatore Institute of Technology, Coimbatore.	Feb 11, 2011	OKLAHOMA STATE UNIVERSITY, Stillwater, USA
12	Emerging trends in Engineering Education- Indian Perspective	K.S. Rangasamy College of Technology, Tiruchengode.	Oct 29 & 30, 2010	-
13	National seminar on	K.S. Rangasamy	Aug 19 to 21,	-

	“Modeling and Control of Renewable Energy Power Plants for Efficient and Quality Power Generation “	College of Technology, Tiruchengode.	2010	
14	Attended and Presented a Paper on “Power Factor Correction for High Pressure Sodium Vapor Lamp using Electronic ballast on AC-AC Converter” in the 3 <sup>rd</sup> 4 <sup>th</sup> National Conference on Electrical and Instrumentation Systems	Government College of Technology, Coimbatore.	March 19, 2010	-
15	Workshop on “Wind Energy Technology “	Sri Krishna College of Technology, Coimbatore.	Feb 20, 2010	Ministry of New and Renewable Energy, New Delhi.
16	Implant training program on “Sugar Mill Co-generation”	Co-gen power plant at M/s. EID parry (India) Ltd, Pugalur.	Jan 07 to 09, 2010	MNRE
17	Impact of Technical Education on Socio-Economic Growth of the Nation	Vinayaga Missions University, Salem.	Nov 26 & 27, 2009	ISTE
18	National Workshop on “Power Electronics Application in Power Systems”	VIT University, Vellore.	March 06 & 07, 2009	-
19	National seminar on “Emerging Trends in Embedded Controller and its Applications”	K.S. Rangasamy College of Technology, Tiruchengode	Nov 14 & 15, 2008	CSIR- India
20	Training Programme on MiPower™, Power System Analysis software package	K.S. Rangasamy College of Technology, Tiruchengode	July 28 to 30, 2008	-
21	Presented a Paper on “Automatic Generation Control of Two area Power System with Fuzzy Logic Controller Considering Generation Rate Constraint Non-linearity” in the National Conference on	K.S. Rangasamy College of Technology, Tiruchengode	March 14, 2008	-

	CIIT			
22	Staff development Programme on “Recent Trends in Micro Electronics and MEMS ”	K.S. Rangasamy College of Engineering, Tiruchengode	Nov 12 to 24, 2007	AICTE
23	Workshop on “Soft Computing”	Kongu Engineering College, Erode	July 20 & 21, 2007	-
24	Presented a Paper on “Harmonic Compensation for a Single-Phase Shunt Active Filter by using Impedance Emulation Method” in the National Conference on Extreme Engineering and Technological Advancements	Jayam College of Engineering and Technology, Dharmapuri	April 4 & 5, 2007	-
25	National seminar on “Instrumentation Engineering – Practices, Teaching and Research”	Madras Institute of Technology, Anna University-Chennai	Oct 27 & 28, 2006	-
26	Presented a paper on “VHDL Based Fuzzy Logic Controller for Truck Control” in the National Conference and Seminar on Signals, systems and Communication	Jayam College of Engineering and Technology, Dharmapuri	March 27 & 28, 2006	AICTE
27	Workshop on “Integrated Circuits and Microcontrollers “	K.S. Rangasamy College of Technology, Tiruchengode	Dec 08 & 09, 2005	-
28	Presented a paper on “Modeling and Fuzzy Logic Based Speed Control of DC drives” in the National Conference on Recent Trends in Electrical Engineering	K.S. Rangasamy College of Technology, Tiruchengode	Aug 29 & 30, 2005	-
29	Course on “Power System Operation”	Anna University, Chennai	Dec 13 to 18, 2004	-
30	National level Seminar on “Fuzzy Logic Application for Power System”	K.S. Rangasamy College of Technology, Tiruchengode	March 19 & 20, 2004	AICTE

31	Workshop on “Patent Awareness”	Mepco Schlenk Engineering college, Sivakasi	Nov 28, 2003	-
32	Presented a paper on “Fuzzy Logic Controller for Designing Load Frequency Controller for Multi area Power Systems” in KSR TECH FETE	K.S. Rangasamy College of Technology, Tiruchengode	Feb 14, 2002	-

**LIST OF GUEST LECTURES / KEY NOTE ADDRESSES DELIVERED IN OTHER INSTITUTES:**

S.No.	Topic of Presentation	Institute	Date
1.	FDP Conducted in Department of EEE in the topic of “Recent Trends in Wind Energy Conversion System”	K.S.Rangasamy College of Technology, Tiruchengode.	20.12.2016
2.	Jury and session address for Paper Presentation in National level Technical Symposium	K.S.R Polytechnic College, Tiruchengode.	18.01.2013
3.	Jury and session address for Paper Presentation in National Level technical Symposium.	SSM College of Engineering, Komarapalayam.	24.02.2006
4.	Key Note address and Jury for Quiz competition in the topic of Energy conservation and saving in paper Mills.	SBB Paper Mills LTD, Erode.	--

**DETAILS OF MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

Sl. No.	Name of Professional Body	Grade of Membership	Membership No.
1	IE(I) Institution of Engineers	FIE(I) Corporate Member	F-124478-3

2	<b>ISTE</b> Indian Society for	Life Member	<b>LM 42823</b>
3	<b>IRED</b> Institute of Research Engineers and Doctors	FELLOW MEMBER (UACEEE)	<b>AM10100058906</b>
4	<b>IAENGG</b> International Association	LIFE MEMBER	<b>LM 197601</b>
5	<b>SESI</b> Solar Energy Society of India	Member	<b>LM 468481</b>

### **Acted as Reviewer Details:**

Acted as the reviewer for the following Journals/Conferences

- ✓ IEEE Energy Conversion Congress and Exposition (ECCE 2015), 2016, 2017, 2018 - in Montreal, QC, Canada.
- ✓ Reviewer for waste international journal and conferences
- ✓ International Journal of Management and Business Studies
- ✓ Energy for Sustainable Development- ELSEVIER

### **Acted as Board of Studies (BOS) Members:**

1. Member, BOS for EEE Board at K.S. Rangasamy College of Technology (Autonomous), Tiruchengode - 637215, Tamil Nadu.

### **PROFESSIONAL RECOGNITION AND AWARDS RECEIVED:**

<b>Sl. No.</b>	<b>Type of Award</b>	<b>Nature of award</b>	<b>Awarding Institute / Organization</b>
01	Appreciation for 100% results in University Examination	Certificate of Merit with Cash Prize – 13 times.	K.S. Rangasamy College of Technology, Tiruchengode.
02	UG Project Exhibition	Cash price with certificate for Project Guide	ELECRAMA -2014. Engineer Infinite, Bangalore.

Dr.P.ARAVINDAN.