

## Bio Data



### PERSONAL DETAILS

Name : **KULANDAIVEL V**

Designation : Assistant Professor

Institution : K.S.Rangasamy College of Technology, Tiruchengode

Father's Name : Velusamy A

Date of Birth & Age : 26.04.1985, 34 Years

Address for communication : Assistant Professor  
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## ACADEMIC PROFILE

<b>M.E (PED)</b>	2007-2009	KSR COLLEGE OF TECHNOLOGY, TIRUCHENGODE	8.58(CGPA)
<b>B.E (EEE)</b>	2002-2006	NANDHA ENGINEERING COLLEGE ERODE-52	77%*
<b>Higher Secondary</b>	2001-2002	SSV MATRICULATION HIGHER SECONDARY SCHOOL, SIVAGIRI	84.41%
<b>S.S.L.C</b>	1999-2000	SSV MATRICULATION HIGHER SECONDARY SCHOOL, SIVAGIRI	66.9%

\* -> First class with distinction.

## PROFESIONAL EXPERIENCE

**Teaching:** UG - **10 years 9 Months**  
PG – **8 years**

**Research: 6 years**

S.No	Institution	Post held	Period	
			From	To
1	K.S.Rangasamy College of Technology, Tiruchengode	Asst. Professor	01/08/2011	Till date
2	K.S.Rangasamy College of Technology, Tiruchengode	Lecturer	27/11/2008	31/07/2011

## PROGRAMMES ATTENDED

<b>Workshop</b>	
1.	Control Systems
2.	Workshop on J Gate-An Electronic Gateway for Research
3.	SCILAB Workshop
<b>Faculty Development Program</b>	
1.	Foundation Program in ICT for Education
2.	Pedagogy for online and blended Teaching-Learning Process

## JOURNAL PUBLICATIONS/CONFERENCES

Journal Publications		No. of Conferences attended	
National	International	National	International
-	04	03	06

## LIST OF PUBLICATIONS MADE

International Journal
1. <b>V.Kulandaivel</b> and G.Malathi, “Three-port Flyback Microinverter to Interface Renewable Energy Sources” International Journal of Computer Applications (0975-8887).
2. Shalini. S and <b>Kulandaivel. V</b> , “A Performance analysis of switched reluctance motor using fuzzy logic Controller” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, vol. 3, Issue 12, pp.13904-13909, December 2014.
3. <b>Kulandaivel Velusamy</b> , Veena Prasunath and Jeyabharath Rajaiah, 2016. “Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor”, Asian Journal of Information Technology, pp 4662-4668.
4. <b>Kulandaivel V</b> , Veena P, Jeyabharath R, 2016. “Power Factor Enhancement in Bridgeless LUO Converter Fed Switched Reluctance Motor Using Fuzzy Controller”, International Journal of Innovative Research in Science, Engineering and Technology, pp 12526-12532
National Conference
1. <b>V.Kulandaivel</b> and P.Sathiyapriya, “High Performance Z-Source Network with Reduced Switch Inverter Fed Induction Motor”, Proceedings on National Conference on Cutting Edge Technologies in Power Conversions & Industrial Drives (PCID 2010), February 9-10, 2012 held at Bannari Amman Institute of Technology, Sathiyamangalam.
2. Bharanidharan.S and <b>Kulandaivel.V</b> , “A Voltage Controlled PFC Buck-Boost Converter Fed BLDC Motor Drive”, Proceedings of National Conference on Emerging Scenario in Power Engineering and Electrical Drives, K.S.Rangasamy College of Technology, 21 March 2014, pp.79-85.
3. Shalini. S and <b>Kulandaivel. V</b> , “An Approach of Fuzzy Logic Controller Based Speed Control in Switched Reluctance Motor Drive” National Conference on Recent Trends in Engineering and Technology (NCRTE’2015) at K.S.R Institute for Engineering and Technology, on 07 March 2015.
International Conference
1. <b>V.Kulandaivel</b> and P.Sathiyapriya, “High Performance Z-Source Network with Reduced Switch Inverter”, Proceedings of IEEE-International Conference on Advance in Engineering, Science and Management (ICAESM-2012) ISBN-978-81-909042-2-3 2012 IEEE, March 30-31,2012 held at E.G.S Pillay College of Engineering, Nagapatnam.

2. **V.Kulandaivel** and P.Sathiyapriya, "Four Switch Three Phase High Performance Z-Source Inverter", Proceedings of International Conference on Recent trends in Computational Methods, Communication and Controls (ICON3C'12), April 4, 2012 pp 28 held at Government College of Engineering, Tirunelveli.
3. **V.Kulandaivel** and Malathi.G., "Full-bridge Bidirectional Multiport Series Resonant DC-DC Converter to interface Renewable Energy Sources", Proceedings at International Conference on Innovative Research in Engineering and Technology "iCIRET 2013", January 3, 4 & 5, 2013 at Park College of Engineering and Technology, Coimbatore, pp. 346-350.
4. **V.Kulandaivel** and Malathi.G., "Three-port Flyback Microinverter to Interface Renewable Energy Sources", Proceedings at International Conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing "ICIIOS-13", March 1-2, 2013 at Karunya University, Coimbatore, pp. 1737-1741.
5. Bharanidharan.S and **Kulandaivel.V**, "Control Strategy for PFC Buck-Boost Converter Based BLDC Motor with Load Variation", Proceedings of International Conference on Providing Renewable Energy Accessibility For Sustained Accelerative Development, Coimbatore Institute of Technology, 8-10 January 2014, pp.35-42.
6. Shalini. S and **Kulandaivel. V**, "Speed Precision of Switched Reluctance Motor Using Fuzzy Logic Controller" 2 nd International Conference on Electronics and Communication Systems (ICECS 2015) at Karpagam College of Engineering, on 26-27 February 2015.