

BIO DATA



PERSONAL DETAILS

Name : **P.M.DHANASEKARAN**

Designation : Assistant Professor

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

Father's Name : Mr. P. N. Marisamy

Date of Birth & Age : 20.05.1983, 36 Years

Address for communication : Assistant Professor
Department of EEE
K.S.Rangasamy College of Technology,
Tiruchengode-637 215. Namakkal Dt

Residential Address : 99 E5, SAP Illam,
Bommanpatti Road,
Kavindapadi
Bhavani TK
Erode Dt – 637215

Email : pmdsekar@gmail.com
dhanasekaranpm@ksrct.ac.in

Mobile : 9994920021

Land line (Office) : 04288-274741.

ACADEMIC PROFILE

Degree	Institution / University	Specialization	% of Marks / Class obtained	Year of completion
M.E.	Maharaja Engineering College , Anna University, Chennai	Applied Electronics	70	May 2006
B.E.	Mahendra Engineering College, Periyar University, Salem	Electrical and Electronics Engineering	73	May 2004
HSC	Govt.Boys Hr.Sec.School, Kavindapadi	-	75.91	2000
SSLC	Govt.Boys Hr.Sec.School, Kavindapadi	-	78.20	1998

PROFESIONAL EXPERIENCE

Teaching: UG - **11.10** years

PG – 11.10 years

S.No	Institution	Post held	Period	
			From	To
1	K.S.Rangasamy College of Technology, Tiruchengode	Asst. Professor	01.08.2010	Till Date
2	K.S.R. College of Technology, Tiruchengode	Lecturer	24.10.2007	31.07.2010
3	CSC Computer Education , Perundurai, Erode Dt	Faculty Trainer	01.05.2006	31.09.2007

JOURNAL PUBLICATIONS/CONFERENCES/WORKSHOPS

Journal Publications	No. of Conferences attended		No. of Workshop/Seminar/STTP Attended
	National	International	
07	08	09	10

LIST OF PUBLICATIONS MADE

International Journal

1. R.Sudha, P.M. Dhanasekaran, "DC - DC converters using PID controller and pulse width modulation technique', International Journal of Engineering Trends and Technology (IJETT), Volume-7 Number- 4,January 2014,DOI: 10.14445/22315381/IJETT-V7P267
2. R.Sudha, P.M. Dhanasekaran, "Step Up DC-DC Converters Using Boost Integration Technique and Pulse Width Modulation Control", International Journal of Advanced Computing and Communication Systems (IJACCS) vol.1 Issue.1 March 2014. ISSN: 2347 – 9299 / 2347 – 9280 60
3. Manoj kumar. S and Dhanasekaran P.M, "Implementation of battery management system with charge equalization based on bidirectional DC/DC converter", International journal of Advanced Engineering Research, Vol 10.no.12 PP, 444-449, ISSN 0973 - 4562.
4. Manoj kumar. S and Dhanasekaran P.M, "Implementation of Battery Management system with state of charge estimation (SOC) and equalisation based on modified DC/DC Converter topology", International Journal of Advanced and Innovative research, Vol 4, no.01,pp 33 - 39,ISSN 2274-7844.
5. Dhanasekaran P M, Balamurugan R, P Veena New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement Based on Fuzzy Logic Control. Journal of Circuits, Systems and Computers 24, 1550102 (2015) DOI: 10.1142/S0218126615501029.
6. P. M. Dhanasekaran¹, Parasunath Veena, Rajaiah Jeyabharath, "New DCM Operated Single Phase Bridgeless Cuk Derived Converters for Power Factor Correction", Journal of Circuits and Systems, 2016, 7, 2176-2188, DOI : 10.4236/cs.2016.79189.
7. P.M.Dhanasekaran, P.Veena, R.Jeyabharath, "Improved Power Factor Correction for BLDC Drive Using Fuzzy Logic Controller", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 7, July 2016, DOI:10.15680/IJIRSET.2016.0507133.

National Conference (include ISSN, DOI, JCR(thomson reuters),SJR(scopus))

1. Hema silvia vinothini. S and Dhanasekaran P.M, "Nine level Double flying capacitor multicell converter with RLC circuit." Proceedings of national conference on Emerging trends in instrumentation system", Sri Ramakrishna engineering college,Coimbatore, March 2012.
- 2.Hema silvia vinothini. S and Dhanasekaran P.M, "Nine level double flying capacitor multicell converter with GTO circuit", National conference on innovative challenges in electrical engineering.(ICEE-2k12), Jayalakshmi Institute for technology, Thoppur, pp. 27, March 2012.
3. Karthikeyan. N.M and Dhanasekaran P.M, Analysis of current fed series DC-DC converter , Proceedings of the NCRTPS -13, SASTRA University, Kumbakonam, PP 38-42, January 2013.
4. Karthikeyan.N.M and Dhanasekaran P.M, "Simulation analysis of high step up active clamp DC DC converter" . Proceedings of the NCTET-13,K.S.R Institute for Engineering and Technology, pp. 54-58, January 2013.
5. R.Sudha, P.M. Dhanasekaran, " Boost flyback converter using PI controller and pulse width modulation control", National conference on Emerging scenario in power engineering and electrical drives, K.S.Rangasamy College of Technology, March 2014.
6. Manoj kumar. S and Dhanasekaran P.M,"Implementation of state of charge algorithm and voltage equalization based on bidirectional CUK DC-DC converter" Proceedings of national conference on recent trends in engineering and technology, K.S.R Institute for engineering and technology, 7th march 2015.

International Conferences

1. Hema silvia vinothini. S and Dhanasekaran P.M, "Nine level double flying capacitor Multicell converter based on modulation technique" , Proceedings of the IEEE - ICAESM - 2012, E.G.S Pillay Engineering college, Nagapattinam, pp. 179 - 183, March 2012.
- 2.Karthikeyan.N.M and Dhanasekaran P.M, "Analysis of high step up current fed series resonant DC-DC converter" proceedings of the iCiret -13, Park college of engineering and technology, Coimbatore, PP 231-234, January 2013.

3.Karthikeyan.N.M and Dhanasekaran P.M, "Simulation analysis of input current doubler of current fed DC-DC converter" proceedings of the ICRDPET - 13, E.G.S Pillay Engineering College, Nagapattinam, pp. 225-229, March 2013.

4. R.Sudha, P.M. Dhanasekaran," Performance analysis of DC -DC converters using Active Clamp technique and pulse width modulation control" , Proceedings of IEEE sponsored international conference on Advanced Computing and communication systems, Sri Eshwar college of Engineering, Coimbatore, December 2013.

5.Manoj kumar. S and Dhanasekaran P.M, "Implementation of battery management system with charge equalization based on bidirectional DC/DC converter" , Proceedings of IEEE sponsored 2nd international conference on intelligent systems and control (ISCO'15), Karpagam College of Engineering, 9-10 th January 2015.

6. Manoj kumar. S and Dhanasekaran P.M, "Implementation /Simulation analysis of Battery cell identification and SOC estimation using Cuk DC/DC converter topology" , Proceedings of International Conference on Advances in Emerging Technology (ICAET' 2015), Jaya Engineering College, 28th March 2015.

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.	Nine level double flying capacitor Multi cell converter based on modulation technique	Hema silvia vinothini. S	2012	Completed
2.	Implementation of High Step up current fed Series Resonant DC -DC Converter	<u>Karthikeyan.N.M</u>	2013	Completed
3.	Step Up DC-DC Converters Using Boost Integration Technique and Pulse Width Modulation Control	<u>Sudha.R</u>	2014	Completed
4.	A Battery Management System based on a Non isolated Cuk DC/DC Converter.	<u>Manoj kumar. S</u>	2015	Completed

LIST OF WORKSHOPS / TRAINING PROGRAMMES ATTENDED

S.No	Title	Venue	Duration	Sponsoring Authority
1.	Neural Network and Fuzzy logic Systems	Sasurie College of Engineering, Vijayamanglam	28-03-2008	-
2.	Emerging trends in embedded controller and its applications	K.S.Rangasamy College of Technology, Tiruchengode	14-15 November 2008	CSIR - India
3.	Simulation software packages for Electrical Engineers	K.S.Rangasamy College of Technology, Tiruchengode	26-27 November 2009	-
4.	Industrial Training	Lignite Fired power Plant of ST-CMS Electric Co. Pvt.Ltd, Uthangal	07 -11 December 2009	-
5.	Computational intelligent techniques of machine vision system at low cost Automation for manufacturing Industries	K.S.Rangasamy College of Technology, Tiruchengode	22 - 23 June 2010	AICTE
6.	Emerging trends in Engineering Education - Indian Perspective	K.S.Rangasamy College of Technology, Tiruchengode	29 - 30 October 2010	ISTE
7.	Smart grid for distributed Energy Resources	K.S.Rangasamy College of Technology, Tiruchengode	18-19 November 2011	CSIR - India
8.	Workshop on Control System, IIT Kharagpur	K.S.Rangasamy College of Technology	2 - 12 December 2014	ISTE & MHRD
9.	Electric Power System by IIT Kharagpur	K.S.Rangasamy College of Technology, Tiruchengode	12 -15 July 2017	ISTE
10.	Challenges and Opportunities of IoT based stand alone and interactive micro grid system	K.S.Rangasamy College of Technology, Tiruchengode	1- 3 November 2017	AICTE
11.	NPTEL SWAYAM work shop on Control Systems	K.S.Rangasamy College of Technology, Tiruchengode	July - October 2018	IIT Madras
12.	Scilab	K.S.Rangasamy College of Technology	4 th May 2019	IIT Bombay

ORGANIZING COMMITTEE

1. Member of the organizing committee in the International Conference on Nano materials and Nanotechnology at K.S.Rangasamy College of Technology, Tiruchengode.
2. Coordinator for the CSIR Sponsored 5th National Conference on Advanced Computing, Control and automation, at Department of EEE, K.S.Rangasamy College of Technology, Tiruchengode.

Administrative Experience:

S.No	Name of the Position	Responsibility
1.	Placement coordinator	1. Maintaining the student database and shortlist the eligible student based on the Company Requirement. 2. Train the students for technical Interview
2.	Association Coordinator (SPICEE)	1. Conducting Various events (Symposium, Guest Lecture, Inter college and intra college competition)
3.	Autonomous Functioning (Department Level)	1. BOS Meeting Details 2. CBCS details 3. One Credit Course
4.	Class advisor	1. Maintaining the student details and Counseling the students
5.	Lab In-charge	1. EDC Lab In-charge 2. Maintaining the lab with service register

PROFESSIONAL RECOGNITION AND AWARDS RECEIVED

- Received Certificate of Merit for producing 100% results in the End Semester Examinations - 5 Subjects
- Received NPTEL Online Certificate for the course Control Engineering with ELITE Conducted by IIT Madras.
- Received Faculty mentor certificate for appreciation during the Students Induction Programme 2019 Conducted By K.S.Rangasamy College of Technology, Tiruchengode.

DETAILS OF MEMBERSHIP IN PROFESSIONAL SOCIETIES

S. No.	Name of Professional Body	Grade of Membership
1	ISTE	Life Member