



# SRM Valliammai Engineering College

(An Autonomous Institution)

SRM Nagar, Kattankulathur-603203, Chengalpattu District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

## Department of Electrical and Electronics Engineering

### Personal Details

Name :	S.Padhmanabhaiyappan	
Designation :	Assistant Professor (Sr.G)	
Educational Qualification :	M.E	
Experience:	14 Years 2 Months	
Area of Specialization :	Power Electronics and Drives	
Date of Joining :	02/12/2010	
Email ID :	padhmanabhaiyappans.eee@valliammai.co.in; pad.ped@gmail.com	
Contact Numbers :	9884980400	Extn:



### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	EEE	Anna University	2005
2	M.E.	Power Electronics and Drives	Anna University	2007
3	Ph.D.	Power Electronics	Anna University	Pursuing

### Professional Society Memberships

- 1.Life Member ISTE
- 2.Life Member IAENG
3. Life Member IACSIT
4. Annual Member ISCA
5. Student Membership of IEEE

### Publication Details

International journal:

**01-Jul-2020 to 30-Jun-2021**

1.S. Padhmanabhaiyappan, R. Karthik, K.Ayyar , “Robust optimal utilization with a grid connected microgrid using EFO – GBDT based controller technique with integrated converters”, **International Journal of Numerical Modelling: Electronic Networks, Devices and Fields**, Volume 34, Issue 1, Pages 1-19, **(2021) Impact Factor - 1.296.**

2. S. Padhmanabhaiyappan, R. Karthik, K.Ayyar “Optimal utilization of interconnected RESs to microgrid: a hybrid AWO-ANFIS technique”, **SoftComputing** , volume 24, pages 10493 –10513 , **(2020) Print ISSN - 1432-7643, Impact factor - 3.643.**

**01-Jul-2019 to 30-Jun-2020**

1.P.DIVYA, G.ARUNA, B.GANESH, V.KISHORE KUMAR, S.PADMANABHA IYAPPAN,"DESIGN OF HIGH GAIN DC-DC STEP UP CONVERTER" International Research Journal of Engineering and Technology (IRJET),Volume: 07 Issue: 03, Mar 2020 ,Page 5211-5213.

2.Varshini Devaraaj, Venkatesh.K, Sarankumar.S, Parameswar.E, Padhmanabha Iyappan.S,"SMART LIBRARY SYSTEM MANAGEMENT USING RFID", International Research Journal of Engineering and Technology (IRJET),Volume: 07 Issue: 03, Mar 2020 ,Page 1737-1739.

**01-Jul-2018 to 30-Jun-2019**

1.Balaji.S, Barath Kumar.K, Desikan.K.N & Padhmanabha Iyappan.S, "Raspberry Pi based Smart Reader for Visually Impaired People" International Research Journal of Engineering and Technology (IRJET), Vol. 2, No. 2, pp. 204-207, Feb 2019.

2.Rajkumar.K.L, Saghithya.S.N, Sai Karthick.K, Saravanan.S & Padhmanabha Iyappan.S, "Design and Implementation of Interleaved Boost Converter using Fuzzy Logic Controller" International Research Journal of Engineering and Technology (IRJET), Vol.6,No. 3, pp. 1139-1142, March 2019.

**International Conference:**

1.S.Padhmanabhaiyappan,Dr.R.Karthik and P.Jagannathan , " Fuzzy Logic Controller based DC-DC Interleaved Boost Converter for a stand alone PV system" International Conference on Smart Automation in Computer, Electrical, Electronics And Communication Engineering (ICSA2k19)"at SRM Valliammai Engineering College, India, 6th and 7th September 2019, pp.183-186.

2. S.Padhmanabhaiyappan,Dr.R.Karthik and Dr.K.Ayyar , " Investigation of Controller for Dc-Dc boost converter" IEEE International Conference on Power,Energy,Control and Transmission systems"on 22-2-2018.

### Other Particulars

1. FDP Attended for the subject of "EE8402-Transmission and Distribution" in SRM Valliammai Engineering College on 11-11-2019 to 22-11-2019.
2. "Body Language to Professional Success" NPTEL online course completed on Sept 2019.
3. FDP coordinator for the subject of "EE8402-Transmission and Distribution" on 11-11-19 to 22-11-19.
4. "Stress Management" NPTEL online course completed on Sept 2018.
5. FDP coordinator for the subject of "EE8301-Electrical Machines-I" on 06-05-19 to 11-05-19.
6. "Physics of Semiconductors" online course completed on 15-08-2017 to 20-11-2017.
7. FDP Attended for the subject of "Power Electronics for Renewable Energy Systems" in SRM Valliammai Engineering College on 15-11-2017 to 16-11-2017.
8. Webinar on "E-Vehicle" organized by Chennai Institute of Technology on 20.06.2020.
9. Webinar on "Strategies to Boost Teaching and Learning" organized by Bless O Bliss on 22.06.2020.
10. Webinar on "Oxygen Electro catalysis: Holy Grail of Energy Conversion and Storage" organized by Chennai Institute of Technology on 29.06.2020.
11. Webinar on "Industry 4.0-Trends in Electrical Engineering" organized by New Prince Shri Bhavani college of Engineering and Technology on 29.06.2020.
12. AICTE- ISTE approved Orientation/Refresher Programme on "Recent advancements in High Voltage Engineering" organized by SRM Valliammai Engineering College on 02.11.2020 to 07.11.2020.
13. online ATAL FDP Attended for the subject of "Electric Vehicles" organized by North Eastern Regional Institute of Science and Technology on 07.12.2020 to 11.12.2020.
14. AICTE- ISTE approved Orientation/Refresher Programme on "Recent advancements in High Voltage Engineering" organized by SRM Valliammai Engineering College on 03.02.2021 to 09.02.2021.
15. AICTE- ISTE approved Orientation/Refresher Programme on "Recent advancements in High Voltage Engineering" organized by SRM Valliammai Engineering College on 03.03.2021 to 09.03.2021.
16. online ATAL FDP Attended for the subject of "Global Warming and Impacts of Power Electronics Towards Green Technology" organized by SRM Valliammai Engineering College on 24.05.2021 to 28.05.2021.
17. online ATAL FDP Attended for the subject of "Cutting Edge Technologies in Energy Storage System for E-Mobility" organized by KPR Institute of Engineering and Technology on 14.06.2021 to 18.06.2021.
18. online ATAL FDP Attended for the subject of "Distributed energy system modelling and control" organized by Government Engineering College, Bharuch on 21.06.2021 to 25.06.2021.
19. FDP Attended for the subject of "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education on 27.09.2021 to 01.10.2021.