

Name: M.Vijaya Shanthi

Personal Information



Designation: Assistant professor

Qualification: M.Tech(Ph.D)

Experience:11 YEARS

Specialization: Power Electronics

Date of Joining: 16/4/2014

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Achievements/Publications/Workshops/Seminar/Guest Lectures

Publication

1.National Conference on Electrical Machines and Power Systems, Pondicherry University	“Performance Analysis of Static Frequency Tripler used for Electrical Furnaces”	2011
2. International Journal Of Engineering And computer Science ISSN: 2319-7242	Design and Analysis of Integrated Electronic Ballast for HID Lamps Featuring HPF	Volume 3 Issue 6 June, 2014
3.International Journal of Computers, Electrical and Advanced Communication	Active Power factor correction Electronic Ballast For Discharge Lamps	Volume 1, Issue 6, PP: 240 - 245,

Engineering		AUG - DEC' 2014.
4.International Journal of Electrical and Electronics Engineering	Analysis and Design of a New Frequency converter for Dimming of Discharge Lamps.	VOL.NO-7 Issue-2,July-December 2015
5.International Conference	A Survey on Diming of High Intensity Discharge (HID) Lamps	2016
6.2 nd IEEE International conference on Electrical ,Electronics and communication Technologies	Performance of fuzzy controlled Zeta converter connected single stage Dimmable Electronic Ballasts for Electrode less Fluorescent Lamp Applications	2017
7.IOSR Journal of Engineering	High frequency unity power factor resonant converter with adjustable brightness for electronic ballast lamp applications	Vol. 07, Issue 02 (Feb. 2017),
8. International Journal of Electrical and Electronics Engineering Research.	A stochastic fuzzy controlled resonant converter for discharge lamps with PFC	ISSN(P): 2250-155X; ISSN(E): 2278-943X Vol. 7, Issue 2, Apr 2017, 55-62
9.International Journal of Electrical Electronics	A self-tuned novel PFC resonant converter with	

and Telecommunication Engineering"	brightness control of discharge lamps using ANFIS	ISSN: 2051-3240, Vol.46, Issue.4
10.International Journal of Theoretical and Applied Mechanics. Research India Publications(ICI INDEXEING)	Sliding Mode Control of MERS for Brightness Control of Discharge Lamps with Unity Power Factor	ISSN 0973-6085 Volume 12, Number 3 (2017) pp. 589-597

Achievements

- 1.
- 2
- 3

Workshops

1.1-Week FDP on PLC at CMRCET from 14-12-2015 to 20-12-2015

2. SIMULINK FOR SYSTEM & ALGORITHM MODELLING
CMRCET