

Mr. K.V.V.S.R.CHOWDARY

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Assistant Professor

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INTERESTED RESEARCH AREAS:

POWER ELECTRONICS APPLICATIONS IN POWER QUALITY ASPECTS

SCHOOL LEVEL RESPONSIBILITY:

FIC EXAMINATION & ACCREDITATION TEAM MEMBER

ACADAMIC DETAILS :

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1	B.Tech (EEE)	Aditya Engineering College affiliated to J.N.T.U Hyderabad	2008
2	M.Tech (Electrical) <i>Specialization:</i> Power Electronics & Drives)	KIIT University	2011

EXPERIENCE:

1 INDUSTRIAL: 1 year 2 months (1.2)

2 TEACHING: 5 years 3months (5.3)

PUBLICATION:

1] K.V.V.S.R.Chowdary, S Devi Prasad, "Small Signal Analysis Based Closed Loop Control of Buck Converter" 3rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS)-2016 (Accepted For Publication).

2] Chowdary, K.V.V.S.R.; Sekhar, Thotakura NSC, "Performance analysis of transformer operated by Sinusoidal pulse width modulation Inverter," *Advances in Electrical Engineering (ICAEE), 2014 International Conference(IEEE) on* , vol., no., pp.1,3, 9-11 Jan. 2014 doi: 10.1109/ICAEE.2014.6838483.

3] K.V.V.S.R.Chowdary, A. Pradhan & Akhilesh A. Nimje "Distributed Generation System Using PE Interface". Special Issue of International Journal of Power System Operation and Energy Management, ISSN (*PRINT*):

2231 – 4407, Volume - 1, Issue-3, 86-90.

4] K.V.V.S.R.Chowdary, Akhilesh A. Nimje “Master Slave Control Of Interline Power Flow Controller Using PSO Technique”.5th National Conference on Advances in Energy Conversion Technologies(AECT-2012).

M.Tech THESIS GUIDED:

YEAR :2011, 2012, 2014,2015,2016	
S.NO	TITLE
1	Matlab/Simulink simulation and hardware implementation of z-source inverter.
2	A New Technique To Implement Conventional Space Vector as Well as Bus Clamping Pulse Width Modulation For Multilevel Inverter.
3	Control Methods and analysis of Buck and Synchronous buck converter.
4	3 Phase Dual Active Bridge Isolated DC-DC Converter.

CONFERENCE/WORKSHOPS ORGANIZED/ATTANDED:

S.NO	Title	Attended/organized	YEAR
1	EEECOS(IET-2016) CONFERENCE	ATTENDED	2016
2	ICAEE CONFERENCE	ATTENDED	2014
3	ICAEE-2014 Pre-Conference Tutorial	ATTENDED	2014
4	AECT CONFERENCE	ATTENDED	2012
5	FDP WORKSHOP	ATTENDED	2013,2014,2015,2016

SUBJECTS TAUGHT:

S.NO	SUBJECT CODE	SUBJECT NAME
1	EE-2007	NETWORK THEORY
2	EE-2003	NETWORK ANALYSIS
3	EE-1001	ELECTRICAL SCIENCE
4	EE-104	ELECTRICAL MACHINES-II
5	EE-502	POWER ELECTRONICS
6	EE-4001	ELECTRICAL DRIVES
7	PGEE 104	POWER ELECTRONIC DEVICES
8	EE-805	SWITCH GEAR &PROTECTION
9	EE-606/706	POWER STATION ENGINEERING