


Name: Venugopal Thumula	
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Qualification :
B.Tech, M.Tech, PGDENM.

Experience:
I am serving as an Associate Professor in EEE Department of Vaagdevi College of Engineering since 2008. Obtained B.Tech in EEE and M.Tech in Power Electronics with Electric Drives as Major both degrees from JNTUH. My specific interests lies in Energy Management and Audit, sustainable Development and Renewable Energy which lead me to study PG Diploma in Energy Management from University Of Hyderabad (HCU) . Part of National interests I conduct and motivate Engineering and other professional students of this region towards Entrepreneurship and I am the Coordinator for the Entrepreneurship Development Cell of Vaagdevi college of Engineering. I have Conducted various institutional level, Regional and national level Awareness Camps to motivate budding entrepreneurs. Recently in 2017 I coordinated for the Two Week Faculty Development program funded by NiMSME, Govt. Of India. I am the faculty Editor for the student's association magazine "Plug-in" I have Published 4 international journals and research papers for 5 National conferences and one work filed for Patent in 2015. I have guided around 16 Projects at UG Level and around 14 Projects for PG. I am an active and a volunteer servant for Institutional vision fulfilling it through my contribution as a dedicated teacher, member BOS, Dept. Advisor, student mentor, EDC-Coordinator with same enthusiasm as of my regular teaching and learning process.

Area of Interest:

- Power Electronics Applications for Energy Management and Artificial intelligence for drives.

Subjects Taught:
Basic Electrical Engineering, Electrical Machines, Electrical Measurements, Power systems, Switchgear and Protection, Power Electronics converters, Machine Modeling and Analysis, Control of DC Drives, Power Electronics Control of AC Drives, Dynamics of Electrical Machines, Digital Control Systems, Advanced Control Systems, Neural Networks and Fuzzy systems and Artificial Intelligent techniques for Power systems.

Research Publications:

S.No	Title	Author / Co-Author	ISSN / ISBN No.	Conference / Journal	Year	Location
1	Design and Application for PV generation system using a soft switching	Author	2278-0678	Journal	2012	International Journal of Engineering, Research &

	Boost converter with SARC					Development
2	A variable reactor based integrated power quality controller for micro-grid	Author	978-93-86171-14-6	Journal	2016	8th International Conference on recent innovations in Science ,engineering and management.
3	A variable reactor based integrated power quality controller for micro-grid	Author	2348-7550	Journal	2016	International journal of advanced technology in engineering and Science
4	Modelling bidirectional contactless grid interface based on inductive power transfer with a soft DClink	Author	978-93-86171-07-8	--	2016	IEI
5	Modelling bidirectional contactless grid interface based on inductive power transfer with a soft DClink logic Control of Buck Boost Converters for fuel cell	CoAuthor CoAuthor	2319-8354	---	2016	International journal of advanced Research in engineering and Science

	Hybrid vehicles					
7	Modelling and simulation for PV, Fuel Cell based microgrid under unbalanced loading conditions	Author	2249-6645	Vol-4, Issue-6	2014	IJMER
8	A new topology for VSI by using Dual Buck Converter.	Co Author	Vol-1, Issue-217	-	2013	IJPRES
9	A high efficiency boost converter	Author	RTPEEP-2011	Proceedings	2011	National Conference, RTPEEP-2011
10	Neutral current compensation using ZIG-ZAG transformer with DSTATCOM	Author	RTPEEP-2011	Proceedings	2011	National Conference, RTPEEP-2011
11	3-leg VSC and a transformer based 3-phase 4-wire DSTATCOM for distribution system.	Author	RTPEEP-2011	Proceedings	2011	National Conference, RTPEEP-2011
12	Adaline based control approach for DSTATCOM	Author	RTPEEP-2011	Proceedings	2011	National Conference, RTPEEP-2011

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Grants: Rupees 40,000 towards patent been filed

Projects guided:

UG projects : 16 projects completed for B.tech Regular and 4 Projects for B.tech CCC since 2008

PG projects: : 14 projects completed for M.tech since 2009

Workshops/Seminars/FDP's Organized:

S.No	Title	Type of Event
1	NiMSME sponsored Faculty Development program on Entrepreneurship funded by Government Of India-2017.	National FDP Coordinator
2	NiMSME sponsored 4 week Entrepreneurship Development program funded by Government Of India.-2017	National EDP Coordinator
3	JNTUH sponsored one week Entrepreneurship Development program funded by EDBI, Government Of India-2015	National EDP Coordinator
4	NEN sponsored 3 day Entrepreneurship Awareness Camp funded by EDBI, Government Of India and VCEW.-2014	National Awareness Camp Coordinator
5	AICTE sponsored Two Week Faculty Development program on DSP Applications to industrial Drives.-2013	National FDP organizer Coordinator
6	Engineer's Day-2017	Event Coordinator Institution level

Workshops/Seminars/FDP's Attended:

S.No	Title	Type of Event	Organized / Participated
1	Effective Teaching & Learning Methodologies	FDP	PARTICIPATED
2	Switched Mode Power Converters	FDP	PARTICIPATED
3	Soft Computing Techniques in Electrical Engineering	FDP	PARTICIPATED
4	Research opportunities in adjustable speed drives:GIAN	FDP	PARTICIPATED
5	Entrepreneurship Awareness Programmes for Faculty	EDP	PARTICIPATED
6	Entrepreneurship Awareness Programmes for Faculty	FDP	PARTICIPATED

Conferences Attended:

S.No	Conference Name	Type of Event
1	National Conference on Recent Trends and practices in Electrical Engineering.	National Conference
2	International Conference on Artificial Intelligence and Soft Computing useful in DG	International Conference

Achievements:

- Grants received and One Project filed for Patent.
- Coordinator for Govt. Of India funded Two-Week Faculty Development Program in 2017.
- Coordinator for Engineer's Day-2017
- Coordinator for silver Jubilee celebrations-2018
- Published 5 international journals and submitted research papers for 5 national conferences.
- Guided around 16 Projects at UG Level and around 14 Projects for PG.
- Chief Faculty Editor for Plug-in Magazine.
- Member of BOS and other advisory boards for UGC Autonomous.
- Coordinated various Government funded workshops for Entrepreneurship development.
- Coordinated for institutional events.

