

Name :B.GaneshBabu

Designation: Assistant Professor

Department: Electrical and Electronics Engineering

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Experience (in years): Teaching: 5years **Research:** Nil **Others (If any, Specify):** Nil

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech in SCET-Narasapur	2008	Electrical and Electronics Engineering
2	M.tech in VNRVJIET-Hyderabad.	2011	Power Electronics

2. Teaching and Learning:

2.1. Teaching Interests:Electrical Machines, switching theory and logical design, Network Analysis, Dynamics of Electrical Machines, Principles of Electrical Engineering, Utilization of Electrical Engineering, power electronics.

2.2. Novel Teaching & Learning Techniques adopted: WIT and WILL

2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: To conduct various activities for students to enhance their knowledge

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Involved in Career vision activities for First year B.Tech students

3.4. Counseling and Mentoring Activity: Mentoring students for regularity and to improve academic performance

3.5. Committees involved in:

Department level: Nil

Institute Level: stock verification.

4 Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

S.No	Title of the program	Period	Sponsors	Status	National/ International
1	Solar Photovoltaic technologies & embedded system applications	27 th Jan 1 st Feb 2014	TEQIP	Completed	National

4.2 Attended:

S.No	Title of the Paper and Event	Names of all Authors	Names of the Conference/ Seminars/ Workshop	Period
1	Workshop on MATLAB	-	Introduction to MATLAB (programming/simulink)	26 th -28 th may 2014
2	Education to Employment an Electrical Engineer Perspective	Mr. G.Raju, sr. Engineer R&D, Medha Servo Drives, Hyd	Seminar at EEE Dept, VNRVJIET	28-9-2013
3	Developing Next Generation Solar Technocrats	Mr.Nikhil Jain, Director, Enelek Power, SINE, IIT Bombay, Powai	Seminar at EEE Dept, VNRVJIET	1-10-2013
4	Introduction to Solar Energy based systems	Mr.M.Jagadiswar Reddy, MD, Solaris Innovations & Systems, Hyderabad	Seminar at EEE Dept, VNRVJIET	25-1-2014
5	Operational Issues in Substations & Transmission Lines	Mr. S. Apparao, Additional Divisional Engineer, APTRANSCO	Seminar at EEE Dept, VNRVJIET	4-2-2014
6	Clean Innovative Energy Technologies	Dr.A.Jagadeesh, Professor, R&D Head, Centre for Energy and Sustainable resources	Seminar at EEE Dept, VNRVJIET	24-3-2014
7	Power Control – "How Technology has changed in the last 20 years"	Dr.M.Ramamoorthy, Former Director General, CPRI	Seminar at EEE Dept, VNRVJIET	27-9-2014

5 Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 3 projects

b) PG: 4 projects

5.5. Research Interests: Multi level inverters, Renewable Energy sources

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Reduction Of Zero Sequence Voltage Using Multilevel Inverter Fed Open-End Winding Induction Motor Drive	Acta Electrotechnica et Informatica, Vol. 16, No. 4, 2016,pp:52-60.	1335-8243 (print) 1338-3957 (online)	0.6	International
2	Open-end Winding Induction Motor Drive Using Decoupled Algorithm	Journal of Electrical & Electronic Systems	2332-0796	0.346	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Methodology for Identifying parameters of an axial flux Induction machine	Advanced Research Methodologies in electrical engineering	National	June 27 th - 28 th 2013
2	Discontinuous PWM Techniques for open end winding induction motor drive for zero sequence voltage elimination.	ICIEEEE2015	International	31 st may2015
3	Solar pumping system for domestic appliances	ICETESE-2015	International	3 rd -4 th june 2015

5.9. Sponsored research Projects: Nil

5.10 Consultancy Projects: Nil

6. Awards / Honors received: Nil

7. Motto:Punctuality and Hard work