


Name	Dr. V RAJAGOPAL			
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Contact No	9392114063			
Designation	Professor & HOD	Experience	22 Yrs	
DOB	30 May 1969	Date of Joining	20 May 2015	
Degree	University		Specialisation	
Ph D	IIT Delhi		Power Quality	
M. Tech	Uttar Pradesh Technical University		Power Electronics and Drives	
AMIE	Institution of Engineers (India)		Electrical Engineering	
Memberships	ISTE Life Member, IE(I) Life Member and IEEE			
Courses Handled	Power Quality, FACTS, Electrical Machines – I, Basic Electrical Engineering, Electrical Machines – II, Electrical Machines – III Electrical Measurements, Instrumentation, Power Electronics, Power Semiconductor Drives.			
Projects Guided	20 Projects in UG level & 10 Projects at PG level and 04 PhDs (Guiding)			
Areas of Interest	Power Electronics and its Applications, Power Quality, Renewable Energy sources in Standalone and Grid Connected Mode.			
PUBLICATIONS				
PATENT	01	International Journals	08	
National Journals	04	International Conferences	24	
National Conferences	05	Conferences Presentations	11	

HIGHLIGHTS OF MAJOR CONTRIBUTIONS

- 1.Coordinator for “Electrovision 2k12”, A National Level Technical Symposium in 2011- 12
- 2.Coordinator for IEEE Workshop “Advancements in Multilevel Inverters for AC Drives” 2012

3. Student Coordinator for PEDES 2010, An IEEE Conference conducted at New Delhi in Dec 2010.

4. NBA/NAAC/Autonomous College Coordinator from 2012 to 2015.

CONFERENCES PAPERS PRESENTED

Sl. No	Title of Paper	Name of Conference	Institute	International/National
1	Mitigation of Supply Disturbances using Three-Leg VSC based DVR from Single Phase P-Q Control Theory	(EESCO 2015)	Vignan Institute of Information Technology Visakhapatnam	International
2	SRF Theory Based Control of an Electronic Load Controller for an Isolated Asynchronous Generator Driven by Uncontrolled Pico Hydro Turbine	33rd National Systems Conference Agra ASR – NSC 2009 27-29 Nov 2009	Dayalbagh University, Agra	National
3	Improved Electronic Load Controller for off grid Induction Generator in Small Hydro Power Generation	IEEE IICPE Conference Jan 28-30, 2011	NSIT New Delhi	International
4	Electronic Load Controller Using Icos Φ Algorithm for Standalone Induction Generator	IEEE Conf. PEDES-2010, New Delhi Dec 21 - 23 2010	IIT Delhi	International
5	Control of Standalone Asynchronous Generator Driven by Uncontrolled Pico Hydro Turbine	IEEE Power India Conference PICONF 2012, Dec 19-22, 2012	DCRUST Murthal, Haryana	International
6	Neural Network Control for Three-leg VSC based in Distribution System	IEEE PEDES 2014	IIT Mumbai	International

7	Power Quality Improvement Using Solar PV H-Bridge Based Hybrid Multilevel Inverter	IEEE IICPE 8 th – 10 th Dec 2014	NIT Kurukshetra	International
8	Reduced DC Link Voltage for Six – Leg DSTATCOM using Icosphi Control Algorithm	IEEE INDICON 2013 13 th – 15 th Dec 2013	IIT Mumbai	International
9	Implementation of Three – Leg VSC Based DVR using IRPT Control Algorithm	IEEE IICPE 8 th – 10 th Dec 2014	NIT Kurukshetra	International
10	Recent Advances in Sustainable Energy	IEEE 15 th – 16 th Dec 2009	IIT Delhi	International
11	Icosphi Control Strategy based VFC for Stand Alone Wind Energy Conversion System	(EESCO 2015)	Vignan Institute of Information Technology Visakhapatnam	International

GUEST LECTURES GIVEN

Sl. No	Title of Lecture / Academic Session	Title of Conference / Seminar etc.	Organized by
1	Voltage & Frequency Controller for Isolated Asynchronous Generators	Expert Lecture on 09-12-2014	SVNIT, Surat, Gujarat
2.	Voltage & Frequency Control of Hydro Electric Stations	Recent Trends in Deregulation of Power Systems	ISTE sponsored under TEQIP JNTU Hyderabad UGC ASC 13-06-2011 to 02-07-2011
3	Power Quality Issues –Solar inter-connection to Grid	Applications of Power Electronics in Power Systems and Electrical Machines on 14-07-2012	Usha Rama College of Engineering, Vijayawada under IEEE
4	MATALB & Simulink and its Applications	Invited Lecture	LORDS Institute of Engineering & Technology Hyderabad 30 th and 31 st Jan 2014

5	MATALB & Simulink and its Applications	Invited Lecture	Shadhan Engineering College Hyderabad 04-05 March 2014
6	Solar Interconnection To Grid	Applications of Power Electronics in Power Systems	CBIT, 25 th Nov to 6 th Dec 2013
7	Renewable energy sources integration to power systems	AICTE Sponsored Seminar	Jayamukhi Institute of Science and Technology, Warangal from 25 th November to 7 th December, 2013.
8	Voltage & Frequency Control of Hydro Electric Stations	Artificial Intelligence and its applications to Power Systems on 27-06-2013	JNTUH UGC ASC from 24-06-2013 to 13-07-2013
9	Synchronous Machines	Invited Lecture on 15-10-2012	HITAM, Hyderabad
10	Power Quality	Invited Lecture on 09-08-2012	HITAM, Hyderabad
11	Power Quality Improvement with Asynchronous Generator for small Hydro Plants	Micro Grid and Distributed Generation on 29-06-2011	AICTE Sponsored 20-06-2011 to 02-07-2011
12	Judge for VISHESH – 13	National Level Students Project Expo & Innovative Design Contest on 14-09-2013	Malla Reddy Engineering College Hydderabad
13	Electrical machines and their Importance	Invited Lecture on 01-11-2014	TKR College of Engineering, Hyderabad
14	DC Machines	Invited Lecture on 13-11-2014	BVRIT Hyderabad Women's Engineering College
