Prof. M. Vijaya Kumar

M. Tech., Ph. D

Director Academic and Planning

Jawaharlal Nehru Technological University Anantapur

Anantapuram – 515 002, Andhra Pradesh, India

Bio-data

Name	:	**M. VIJAYA KUMAR**
Date of Birth	:	**01-05-1966**
Designation	:	**Professor in Electrical Engineering & Director of Academic and Planning**
Official Address	:	**JNT University Anantapur, Ananthapuramu – 515 002 (A.P)**
Residential Address	:	**# 3-163, SV Homes, KM colony, OPP.JNTU, Ananthapuramu – 515 002 (A.P)**
Phone	:	**08554 - 242027 ® 09440780899 (Mobile)**
		08554 - 272450 (O) 07702768080(O)
Fax	:	**08554 – 272437**
E mail	:	**mvk_2004@rediffmail.com**

Educational Qualifications:

S.No	Course	Specilization	Year of Passing	Institution	Class
1	X Class		1981	APPZPH School, Atmakur, Anantapur (Dist) AP Board of Secondary Education	First 62%
2	Intermediate	Maths, Physics, Chemistry	1983	Govt. Junior College (Boys), Anantapur AP Intermediate Board	First 63.4%
3	B.Tech	Electrical & Electronics Engg	1988	NBKRIST, Vidyanagar, (SVUniversity)	First 67%
4	M.Tech	Electrical Machines & Industrial Drives	1990	REC, Warangal (Kakatiya University)	First 71%

5	**Ph.D**	**Electrical Engineering**	**2000**	**JNTUniversity, Hyderabad**	**--**

Details of Doctoral thesis:

Title : "Certain Aspects of Electrical Energy Measurement, Maximum Demand Estimation and Conservation with Case Studies."

Year of award of Ph.D : 2000

Professional Experience :

S.No	Designation	Institution	Experience	
			From	To
1	Professor	JNTU College of Engg, Anantapur	22.4.2006	Till Date
2	Associate Professor	JNTU College of Engg, Anantapur	14.11.2003	21.4.2006
3	Director	AICTE, New Delhi	3.7.2003	12.11.2003
4	Associate Professor	JNTU College of Engg, Anantapur	2.3.2001	2.7.2003
5	Lecturer(Asst.Prof.)	JNTU College of Engg, Anantapur	19.10.1992AN	1.3.2001
6	Lecturer	KSRM College of Engg, Kadapa	30.10.1991	19.10.1992FN
7	Teaching Assistant	REC, Warangal	3.2.1990	29.10.1991

Administrative Experience :

S.No	Designation	Institution	Experience	
			From	To
1	**Officer in charge of Electrical Maintenance**	**JNTU College of Engg, Anantapur**	**26.5.2000**	**7.10.2002**
2	**Project Engineer (Electrical)**	**JNTU College of Engg, Anantapur**	**17.11.2000**	**7.10.2002**
3	**Officer in charge of Academic Section**	**JNTU College of Engg, Anantapur**	**7.10.2002**	**2.7.2003**
4	**Director**	**AICTE, New Delhi**	**3.7.2003**	**12.11.2003**
5	**Officer – Incharge of Hostels**	**JNTU College of Engg, Anantapur**	**28.05.2005**	**12.05.2006**

6	**Head of the Department**	**JNTU College of Engg, Anantapur**	**30.4.2006**	**27.8.2008**
7	**Registrar i/c**	**JNTUniversity Anantapur**	**27.8.2008**	**3.11.2010**
8	**Director Foreign Affairs & Alumni Matters**	**JNTUniversity Anantapur**	**23.2.2013**	**29.1.2015**
9	**Director of Admissions**	**JNTUniversity Anantapur**	**29.1.2015**	**28.03.2018**
10	**Director Academic and Planning**	**JNTUniversity Anantapur**	**28.03.2018**	**Till date**

Teaching Experience: **28** years to teach UG & PG Courses

Subjects Taught:

Undergraduate courses	Post graduate courses
❖ Electromechanics – I ❖ Electromechanics – II ❖ Electromechanics – III ❖ Electrical Technology ❖ Microprocessor 8086 ❖ Power Electronics ❖ Solid State Electric Drives ❖ Microprocessors & Microcontrollers ❖ Instrumentation ❖ Electrical Measurements ❖ Utilisation of Electrical Energy ❖ Electrical Circuits & Electrical Machines ❖ Digital Systems	❖ Advanced Microprocessors ❖ FACTS Controllers & Applications ❖ Switching & Resonant Converters ❖ Thyristor Controlled Drives ❖ HVDC Transmission ❖ Digital Systems ❖ Solid State Electric Drives – I ❖ Solid State Electric Drives – II ❖ Power Electronic Converters ❖

Research Projects completed as Co-ordinator:

Completed two Research Project funded by AICTE and UGC. The details are as follows:

- **Acted as Chief Co-ordinator of TAPTEC Project titled " Microcontroller/ Microcomputer Based Instrumentation" worth Rs.5.00 lakhs sanctioned by AICTE in the financial year 1996-97.**

- **Acted as Principal Investigator of Major Research project titled" Fuzzy and Artificial Neural Network Based Controllers for Vector Controlled Induction Motor Drives" worth Rs.7.35 lakhs in the financial year 2004-05.**

Research Experience and Guidance provided:

Total research experience : 18 years

- Guided 50+ Undergraduate projects and 100+ Postgraduate theses
- Guided students to work and present the research papers in student paper contests
- Presently, supervising Research scholars for their Ph. D.

Number of Research publications:

International Journals	:	66
National Journals	:	22
International Conferences	:	37
National Conferences	:	39

Performance Indices of Publications : (as on 17th Jan, 2019)

Total Citations	:	376
h -Index .	:	10
i-10 Index	:	11

Research guidance Provided

S.No	Title of the thesis	Name of the Student	Date of Award
1	Certain Optimization Aspects of Radial Distribution Systems.	S.Siva Nagaraju	08.04.2004
2	Certain Aspects of Direct Torque Controlled Induction Motor Drives.	Y.P.Obulesu	31.01.2006
3	Performance Improvement of Direct Torque Controlled Induction Motor Drive.	Y.V.Siva Reddy	07.07.2010
4	Development of an Advanced and Efficient FEM based Technique for Solving the Coupled Field Problems in Power Transformers and other Sub-Station Equipment.	A.Srinivasulu Reddy	07.08.2010
5	Stability & Power Quality enhancement using power electronic circuits	T.Deva Raju	16.3.2011
6	Localization of Faults in a Transmission Line using Wavelet Techniques.	B.Ravindranath Reddy	14.6.2011
7	Real Time Metering for Energy Management and Auditing	P.Sujatha	21.01.12

8	Nonlinear Modeling and Control of Switched Reluctance Motors	K.Venkata Reddy	23.01.12
9	Investigation on Potential Photovoltaic Power Modules for Higher Electrical Output	R.Kiranmayi	15.07.2013
10	Key Performance Indicators for Energy Management	M.S.Sujatha	16.10.2014
11	Investigations on Control of DC-DC Converters for Stand Alone Wind Energy System	M. Annamalai	25.04.2015
12	Decentralized State Feedback Power System Stabilizers	A.Venkateswara Reddy	20.05.2015
13	Design, Analysis and Control of DC to DC Quasi Resonant Converters	K.Deepa	19.12.2015
14	A Study and Modeling of Novel Hybrid Shunt Active Filter for the Improvement of Power Quality	S.Sella Kumar	16.04.2016
15	Minimization of Torque Ripple by Voltage Vector Modulation in Direct Torque Controlled AC Drives: Analysis and Implementation	A.Sudhakar	13.05.2016
16	Application of STATCOM in Distribution Systems for Power Quality Improvement	N.Usha	22.08.2016
17	Performance Improvement of Vector Control Induction Motor Drive	P. Rama Mohan	27.06.2017
18	Novel Methods for Maximum Power Tracking of Wind Energy Generators	G.Panduranga Reddy	2018
19	Voltage Stability Analysis of Grid Connected Wind Forms using FACTS Devices	K.Sreelatha	2018

Details of Ph. Ds' under the supervision (Presently)

S.No	Name	Title	Reg. Year
1	M.Rama Sekhara Reddy	Wind Energy Conversion Devices & Power Quality Issues	2009
2	M.Anka Rao	Parameters Estimation Techniques for Induction Motor Drive	2011
3	U.Srinivas	Designing of a Robust and Adaptive Power System Stabilizer(PSS) using Intelligent Techniques	2011
4	Y.Krishna Priya	Analysis of unconventional methods for the DTC SVM Techniques for 3-Phase induction motor	2012
5	C.Prasanth Sai	Implementation of Soft computing techniques to achieve MPPT for Solar PV Systems with advanced converters	2016-17

List of publications:

S.No	Title of Paper & Authors	Name, Volume, number and Year of publication.	Page No.	
			From	To
NATIONAL CONFERENCES				
1	A novel approach for rotor flux Oriented control of induction motor drive with current controlled inverter Y.P.Obulesu and **M.Vijaya Kumar**	Institution of Engineers,(India) Three day all India seminar on solid state switching Devices& applications:Progress and Prospects, 14-16 July 2002	5.20	5.28
2	Design and simulation of field oriented control of VSI fed Induction motor drive Y.P.Obulesu and **M.Vijaya Kumar**	26th National SystemConference, Nov 18th to 19th,2002	3.2.1	3.2.10
3	A modified approach for high performance indirect vector control of induction motor drive Y.P.Obulesu and **M.Vijaya Kumar**	National conference on Recent trends in industrial Electronics, drives & controls, March 22 to 23, 2003, Annamalai university	19	26
4	Dynamic model of high performance induction motor drive for vector and direct torque controls Y.P.Obulesu and **M.Vijaya Kumar**	National conference on Recent trends in industrial Electronics, drives & controls, March 22 to 23, 2003, Annamalai university	27	34
5	Fuzzy logic based robust direct torque control of high performance induction motor drive Y.P.Obulesu and **M.Vijaya Kumar**	National conference on Emerging trends in engineering Technology & management 8-9 sept2003, Adhiyaqmma Engineering college, Tamilnadu	45	52

6	"Fuzzy based duty ratio control for direct torque control of induction motor drive" Y.P.Obulesu and **M.Vijaya Kumar**	National conference on trends in instrumentation &control engineering, Thapar institute of Engineering& technology, Pataiyala, Feb 5-6,2004	141	147
7	"IC Based Control for Three-phase Delta connected power controller to RF Induction Heater" **M.Vijaya Kumar** and Ch.Sai Babu	National Conference held at University of Roorkee, Roorkee. January 20-21, 1997		
8	"Simple methods of measurement of phase angle for PC Microprocessor / Micro controller based instruments" M.BhaskaraReddy,**M.VijayaKumar**, Y.Venkatarami Reddy and K. Mala Kondaiah	23rd National Conference held at Institute of Technology, BHU, Varanasi, December 9-11, 1999	201	204
9	"Measurement of energy and other parameters using PC based Data Acquisition card with a Multipliser" M.BhaskaraReddy,**M.VijayaKumar**, Y.Venkatarami Reddy and K. Mala Kondaiah	23rd National Conference held at Institute of Technology, BHU , Varanasi , December 9-11 , 1999		393
10	"Specific energy consumption and energy conservation incase of batteries manufacturing process-A Case Study" **M.Vijaya Kumar**, Y.Venkatarami Reddy, K. Mala Kondaiah and K.Yugandhar	National Conference-2000 organised by Institution of Engineers(Cuddapah Local center) March 15,2000		4
11	" Microprocessor Digital I.C's based design of Digital Display for Analog Energy meters" **M.Vijaya Kumar**, K.U.Maheswara Reddy, Y.Venkatarami Reddy and K. Mala Kondaiah	National Conference-2000 organised by Institution of Engineers (Cuddapah Local center) March 15,2000		44

12	"P.C.Based online measurement power and energy using proportional analog signals" **M.Vijaya Kumar**, K.V.P. Pavan Kumar, Y.Venkatarami Reddy and K. Mala Kondaiah	National Conference-2000 organised by Institution of Engineers (Cuddapah Local center) March 15,2000		42
13	"Sizing of power distribution transformers based on maximum demand estimation-case studies" **M.Vijaya Kumar** , Y.Venkatarami Reddy and K.Mala kondaiah	National Conference-2000 organised by Institution of Engineers (Cuddapah Local center) March 15,2000	38	
14	"PC Based multiplexed energy measurement with animation implemented on Graphical user Interface **M.Vijaya Kumar** et al.	National Seminar SASESC-2000, Dayalbagh, March 4-5, 2000		
15	"Micro controller based Elevator Control" Y.V.Siva Reddy, K.U.Maheswara Reddy, K.V.Phani Pavan Kumar and **M.Vijaya Kumar**	National Conference-2000 organised by Department of Mechanical Engineering, JNTU College of Engineering, and Anantapur. June 22-24, 2000	197	200
16	"Micro controller based Stepper Motor Control" Y.V.Siva Reddy, K.U.Maheswara Reddy, K.V.Phani Pavan Kumar and **M.Vijaya Kumar**	National Conference-2000 organised by Department of Mechanical Engineering, JNTU College of Engineering, and Anantapur. June 22-24, 2000	201	204
17	" Wind Power ECO – Friendly Electrical Power Generation" T.Chandra Sekhar and **M.Vijaya Kumar**	National Conference-2001 organised by Department of Mechanical Engineering, JNTU College of Engineering, Anantapur. October 18, 2001	533	538

18	" Radial distribution System planning" S.Sivanagaraju, N.Sreenivasulu and **M.Vijaya Kumar**	National Conference on Q_R Power, 13-15, Oct.2000, Nagpur	66	71
19	" New method of load flow solution for radial distribution networks" S.Sivanaga Raju, N.Sreenivasulu and **M.Vijaya Kumar**	All India Seminar, Power System Recent advances and Prospects in 21st century, 17th Feb.2001, Jaipur	226	233
20	" Voltage stability for radial distribution networks" S.Sivanaga Raju, N.Sreenivasulu ,**M.Vijaya Kumar** and T.Ramana	25th National Systems Conference (NSC-2001) 13-15 Dec.2001, P.S.G.College of Technology, Coimbatore	241	247
21	" A new approach for optimal capacitor placement in distribution systems" S.Sivanaga Raju, N.Sreenivasulu ,**M.Vijaya Kumar** and K.Satish Kumar	National Conference on Recent Trends in Electrical Energy Conservation and Management, 2-3 March 2002, Annamalai University.	257	265
22	"Comparison by Simulation of Vector and Direct Torque Control Schemes for Induction Motor Drive". Y.P.Obulesu and **M.Vijaya Kumar**	National Conference on Recent Advances in Electrical Engineering (EAR-2004), 4th December 2004, JTNU College of Engineering, Anantapur	4	11
23	" Power Factor Correction in AC – DC Converters with Boost Topology " P.Ram Mohan, **M.Vijaya Kumar** and D.Subba Rayudu	National Conference on Recent Advances in Electrical Engineering (EAR-2004), 4th December 2004, JTNU College of Engineering, Anantapur	68	74
24	" Sensorless Control of Induction Motor using Extended Kalman Filter" D.Sleeva Reddy, C.Pavan Kumar, **M.Vijaya Kumar** and K.Sudhakar Reddy	National Conference on Recent Advances in Electrical Engineering (EAR-2004), 4th December 2004, JTNU College of Engineering, Anantapur	75	78

25	" Voltage Regulators for Self Excited Induction Generator" T.Chandra Sekhar, Bishnu P.Muni and **M.Vijaya Kumar**	National Conference on Recent Advances in Electrical Engineering (EAR-2004), 4th December 2004, JTNU College of Engineering, Anantapur	94	101
26	"Hybrid model of Solar Cell" R.Kiranmayi, K.Vijaya Kumar Reddy and **M.Vijaya Kumar**	National Conference on Recent Advances in Electrical Engineering (EAR-2004), 4th December 2004, JTNU College of Engineering, Anantapur	213	217
27	"Torque Ripple Minimization of Direct Torque Control of Induction Motor using SVM Technique" Y.P.Obulesu and **M.Vijaya Kumar**	National Conferrence on Power Engineering Practices & Energy Management,PEPEM'05,Thapar Institute of Engineering & Technology, Patiala,Jna28-29,2005	55	59
28	"Neural Network Based Speed and Flux Estimation for Sensor less Vector Control of Induction Motor" Y.P.Obulesu and **M.Vijaya Kumar**	National Conference on Power Engineering Practices & Energy Management,PEPEM'05,Thapar Institute of Engineering & Technology, Patiala,Jna28-29,2005	60	63
29	"Fuzzy Speed Controller Based Direct Torque Control of Induction Motor Drive" Y.P.Obulesu and **M.Vijaya Kumar**	28th National Systems Conference,NSC-2004,Vellore Institute of Technology,Vellore,16-18 December,2004	125	130
30	"Comparison of EEM with Standard Motor under Various Operating Conditions-Case Studies" M.Narendra Kumar, P.Sujatha, **M.Vijaya Kumar** and K.S.R.Anjaneyulu	National Conference on Recent Advances in Electrical Engineering (EAR-2005), 10th December 2005, JTNU College of Engineering, Anantapur	107	112

31	"Direct Torque Control of Induction Motor Based on Fuzzy State Feed Back Controller" Y.V.Siva Reddy , **M.Vijaya Kumar** and T.Brahmananda Reddy	National Conference on Recent Advances in Electrical Engineering (EAR-2005), 10th December 2005, JTNU College of Engineering, Anantapur	146	150
32	"Sensorless Direct Torque Control of Induction Motor Based on Discrete Space Vector Modulation, a Fuzzy Logic Approach" T.Brahmananda Reddy , J.Amarnath, D.Subba Rayudu,Y.V.Siva Reddy and **M.Vijaya Kumar**	National Conference on Recent Advances in Electrical Engineering (EAR-2005), 10th December 2005, JTNU College of Engineering, Anantapur	151	156
33	"A Novel Electro Magnetic Interference Filter(EMI) for a Power Electronic Power Factor Correction Circuit" P.Ram Mohan, **M.Vijaya Kumar** and D.Subba Rayudu	National Conference on Recent Advances in Electrical Engineering (EAR-2005), 10th December 2005, JTNU College of Engineering, Anantapur	157	162
34	"Voltage Stability using Continuation Power flow Method" T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	Recent Advances in Electrical Engineering, JNTU, Anantapur, 26-27 Dec, 2008.		
35	"Power Quality Issues and Mitigation using DVR" T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	National Conference on "Control of Power Electronic Drives and Systema"(CEPEDS-2010),Andhra University, Visakhapatnam, 30-31 May, 2010		
36	Direct Torque Control of Induction Motor Drive based on Random Position SVPWM for Reduced Acoustical Noise Y.V.Siva Reddy , **M.Vijaya Kumar** and T.Brahmananda Reddy	National Power Systems Conference NPSC'06, IIT Roorkey, India, 27-29, Dec 2006.		

37	A Review Paper for MPPT Algorithms for Wind Energy System G. Pandu Ranga Reddy, M. Ramashakar Reddy and **Dr. M. Vijaya kumar**	National Conference on Advanced Electrical Systems and Applications (June, 2013)		
38	A Simple Generalized PWM Algorithm for Vector Controlled Induction Motor Drives GPWM Based Vector Controlled Induction Motor Drive P. Rama Mohan, T. Brahmananda Reddy and **M.Vijaya Kumar**	AICERA2014 Conference (IEEE Conference) Amal Jyoti College of Engg., Kanjirapally, Kottayam(Dist.), Kerala.		
39	Impact of Reactive Power Due to 3-Phase to Ground Fault on wind Farm G. Suhakar Reddy, M. Rama Sekhara Reddy and **M. Vijaya Kumar**	CSIR Sponsored National Conference on Intelligent Power Electronics and Technology 2nd March-2012	41	45
INTERNATIONAL CONFERENCES				
1	"Optimal conductor selection for radial distribution systems" S.Siva Nagaraju, N.Sreenivasulu, **M.Vijaya Kumar** and D.Das	International Conference on Energy, Automation and Information Technology (EAIT – 2001) , 10-12 Dec-2001 , IIT Kharagpur	441	444
2	" A novel approach in radial distribution systems for cost of loss reduction" S.Siva Nagaraju, N.Sreenivasulu, **M.Vijaya Kumar** and T.Ramana	International Conference on Computer Applications in Electrical Engineering Recent Advances (CERA-2001) , 21-23 Feb.2002 , IIT Roorkee	102	110
3	" Design and simulation of a improved high performance direct torque control of Induction motor drive " Y.P.Obulesu and **M.Vijaya Kumar**	International Conference on energizing technology , Dec 19-21,2003 , Kalinga Institute of Technology , Orissa.		

4	PC Based measurement of energy and Maximum Demand – Simulation Graphic Implementation and Actual measurement using analog signals" M.BhaskaraReddy,**M.VijayaKumar**, Y.Venkatarami Reddy and K. Mala Kondaiah	International Conference ECCAP – 2000 held at Chennai , January 4-7 , 2000,	254	257
5	"A New Approach for Elimination of Common Mode Voltages Generated in Medium Voltage CSI fed Induction Motor Drive" Y.P.Obulesu and **M.Vijaya Kumar**	International Conference on Resource Utilisation & Intelligent Systems, Kongu Engg College, Perundurai,Erode,Jan4-6,2006	1	8
6	Direct Torque Control of Induction Motor Drive based on Random Position SVPWM for Reduction of Acoustical Noise: A Fuzzy State Feedback and Fuzzy Variable Structure Controller Approach Y.V.Siva Reddy , T.Brahmananda Reddy **M.Vijaya Kumar** , B.Kalyan Reddy and J.Amarnath	PCEA – IFToMM International Conference PICA-2006Recent Advances in Automation & its Application to Industries, Priyadarshini College of Engg & Architecture, Nagpur, July 11-14,2006	88	
7	Modified Sine-Triangle and Space Vector PWM Techniques for Active Commutated Thyristor CSI P.U.S.Raja Sekhar, J.S. Siva Prasad, **M.Vijaya Kumar** and T.Jayabarathi	PCEA – IFToMM International Conference PICA-2006Recent Advances in Automation & its Application to Industries, Priyadarshini College of Engg & Architecture, Nagpur, July 11-14,2006	119	

8	A Novel DSP Based Sine Pulse Width Modulated (SPWM) Inverter for Motor Load with Improved Power Factor and Speed Control P.Ram Mohan, O.V. Raghava Reddy, **M.Vijaya Kumar** and D.Subba Rayudu	PCEA – IFToMM International Conference PICA-2006Recent Advances in Automation & its Application to Industries, Priyadarshini College of Engg & Architecture, Nagpur, July 11-14,2006	126	
9	An Electromagnetic Interference (EMI) Filter to Power Factor Correction (PFC) Converter P.Ram Mohan, O.V. Raghava Reddy, **M.Vijaya Kumar** and D.Subba Rayudu	PCEA – IFToMM International Conference PICA-2006Recent Advances in Automation & its Application to Industries, Priyadarshini College of Engg & Architecture, Nagpur, July 11-14,2006	124	
10	A New Space Vector Pulse width Modulation for Reduction of Common Mode Voltage in Direct Torque Controlled Induction Motor Drive Y.V.Siva Reddy , T.Brahmananda Reddy and **M.Vijaya Kumar**	PEDES-2006: IEEE International Conference on Power Electronics, Drives and Energy Systems for Industrial Growth,New Delhi,Dec 12-15,2006	2C-25	
11	A Performance Analysis of Simultaneously Controlled UPFC under Varied Metrics T.Devaraju, **M.Vijaya Kumar** and V.C.Veera Reddy	International Conference on "Recent Advances and Applications of Computer in Electrical Engineerin, Engineering College, Bikaner, Rajastan,24-25 March,2007		
12	Novel Random Position SVPWM Algorithm for Direct Torque Controolled Drives using the Concept of Imaginary Switching Times Y.V.Siva Reddy, **M.Vijaya Kumar** and T.Brahmananda Reddy	Proceedings of the International Conference ICEEP, SRM University, Chennai, April 13-15, 2009.	---	---

13	A New Space Vector Based PWM Algorithm for Direct Torque Controlled Induction Motor Drive for Reduced Common Mode Volatage Y.V.Siva Reddy, **M.Vijaya Kumar** and T.Brahmananda Reddy	International Conference on Emerging Trends in Electrical Engineering, Kolkata, India, 12-14 Jan, 2007.	---	---
14	Direct Torque Control of Induction Motor Drive Based on Random Position SVPWM for Reduction of Acoustical Noise: A Fuzzy State Feedback and Fuzzy Variable Structure Controller Approach Y.V.Siva Reddy , T.Brahmananda Reddy, **M.Vijaya Kumar,** J.Amarnath and B.Kalyan Reddy.	PCEA-IFTOMM International Conference PICA 2006, Nagpur, India, Paper No. TG2208, July 11-14, 2006.	---	---
15	Localization of Faults in a Transmission Line using Wavelet Techniques B.Ravindranath Reddy and **M.Vijaya Kumar**	CEIDP in Vancouver, British Coloumbia, Canada, 14-17 October ,2007.		
16	Fault Detection, Classification and Location on Transmission Lines using Wavelet Transform B.Ravindranath Reddy and **M.Vijaya Kumar**	IEEE Conference on Electrical Insulation and Dielectric Phenomena, Virginia Beach, USA,18-21 October,2009.		
17	Modeling and Digital Simulation of STATCOM using Simulink N.Usha and **M.Vijaya Kumar**	ICEESPEEE International Conference, SRM University, Chennai Feb2009	1316	1320

18	A High- Performance PWM Algorithm for Vector Controlled Induction Motor Drive for Reduced Current Rippple HPPWM Based Vector Controlled Induction Motor Drive P. Rama Mohan, T. Brahmananda Reddy and **M.Vijaya Kumar**	IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), May09-11, 2014, Jaipur, India		
19	Intelligent Control for the Performance Improvement of DFIG based Wind Turbine System Using Matrix Converter G. Panduranga Reddy, J.N. Chandra Sekhar, P.D. Prasad Reddy, M.M. Santhi and **M.Vijaya Kumar**	International Conference on Advanced Electrical Systems & Applications ICAESA-2014		
20	A new FOC Technique Based on Predictive Current Control for PMSM drive Powered with Photovoltaic Array B.Gururaj, K. Narasimhaiah Achari, D.V. Ashok Kumar and **M. Vijya Kumar.**	DRDO Sponsored Eighth Control Instrumentation System Conference, CISCON-2011 (An International Conference)		
21	A Matalab/ Similink Model for Field Oriented Control of PMSM Using SVPWM Technique G. Dilli Babu, K. Narasimhaiah Achari, D.V. Ashok Kumar and **M. Vijya Kumar.**	RITS ICAEM-2012: RITS-International Conference on Advancements in Engineering & Management, 28 & 29 Feb 2012		
22	Comparison of DC utilization of Z-Source Inverter with advanced Modulating Techiques B.M. Manjunatha, D.V. Ashok Kumar and **M.Vijaya Kumar**	International Conference ICRTES'14 March15-16,2014, Nashik, Maharashtra,India		

23	ZVS Multi-Output Push-Pull QRC Using Analog Controller UV3825 for Low Power Applications K.Deepa, **M. Vijaya Kumar**	2013 2nd AASRI Conference on Power and Energy Systems AASRI Procedia7(2014)	62	67
24	PWM Closed Loop Controlled Multi-Output Push-Pull Converter Deepa.K, Padmaja.P.J, **M. Vijaya Kumar**	International Conference on Control, Communication, & Computing, ICCC, December 13-15, 2013	426	429
25	Closed Loop Controlled Solar Fed Post Regulated Push-Pull Converter Deepa.K, Ajith Vijayan, **M. Vijaya Kumar**	International Conference on Control, Communication, & Computing, ICCC, December 13-15, 2013	409	413
26	Soft Switching Flyback Converter for SMPS Applications Deepa.K, Hridya Merin Saju, **M. Vijaya Kumar**	International Conference on Control, Communication, & Computing, ICCC, December 13-15, 2013	475	478
27	New Multi-output Switching Converter with Low Drop Out Post Regulator Deepa.K, Deepti, **M. Vijaya Kumar**	International Conference on Emerging Trends in Communication, Control, Signal Processing & Computing Applications, C2SPCA,Oct-2013		
28	Bi-Directional Push-Pull Converter Fed Four Quadrant DC Drive Deepa.K, Mahalakshmi, Yuvashri, **M. Vijaya Kumar**	International Conference on Emerging Trends in Communication, Control, Signal Processing & Computing Applications, C2SPCA,Oct-2013		
29	Cascaded Multi Output Push-Pull Converter Deepa.K, Padmaja, **M. Vijaya Kumar**	International Conference on Advances in Electrical Engineering, ICAEE, January 9-11,2014		
30	Fuzzy based flyback Converter Deepa.K, R.Jeyanthi, Shwetha Mohan and **M. Vijaya Kumar**	International Conference on Advances in Electrical Engineering, ICAEE, January 9-11,2014		

31	Performance analysis of a DC Motor Fed from ZCS-Quasi-resonant Converters K.Deepa, **M. Vijaya Kumar**	2012 IEEE Fifth Indian International Conference on Power Electronics (IICPE 2012) December 6-8, 2012		
32	Implementation of a New Multi output Push-Pull Primary ZVS Converter K.Deepa, Sharika, **M. Vijaya Kumar**	2012 IEEE Fifth Indian International Conference on Power Electronics (IICPE 2012) December 6-8, 2012		
33	Implementation of a SISO-ZVS Push-Pull Converter Fed DC Servo Motor K.Deepa, Sharika, **M.Vijaya Kumar**	2012 IEEE Fifth Indian International Conference on Power Electronics (IICPE 2012) December 6-8, 2012		
34	An Imrpovemed Push-Pull Converter with ZVS-ZCS in Active and Passive Switches for Low Voltage Applications K.Deepa, **M.Vijaya Kumar**	International conference on control system and power Electronics – CSPE, December 03-04, 2012	519	524
35	Efficient and Compact Power Supply for Robtic Application K. Deepa, Jeyanthi, **M. Vijaya Kumar**	Advances in Recent Technologies in Communication and Computing – ARTCom 2012, Fourth International Conference, October 19-20, 2012		
36	Sensor less Speed Control of PMSM using an Improved sliding model observer k. Narsimhaiah Achari, B. Gururaj, D.V. Ashok Kumar and **M.Vijaya Kumar**	International Conference on Emerging Trends in Electrical, Electronics and Communication Technologies – ICECIT, 2012		
37	Novel Approach for the Design of State Feedback Power Systems Stabilizers A.Venkateswara Reddy, **M. Vijaya Kumar** and Gurunath Gurrala	2010 International Conference on Power System Technology		
NATIONAL JOURNALS				
1	"Capacitor placement in radial distribution networks for loss reduction" S.Sivanaga Raju, N.Sreenivasulu ,**M.Vijaya Kumar** and T.Ramana	A Journal of systems Science and Engineering Vol.7, No.1 , Aug.2002 .	12	20

2	" Voltage Stability Analysis for radial distribution systems" S.Sivanaga Raju, N.Sreenivasulu and **M.Vijaya Kumar**	Journal of IE (I) , Vol-84,December 2003.	166	172
3	" Fuzzy logic based robust direct torque control of high performance induction motor drive Y.P.Obulesu and **M.Vijaya Kumar**	National Journal of Engineering today,Vol.V,Issue11,Nov'2003.	16	19
4	"Comparison by Simulation of vector and Direct Torque Control Schemes for Induction Motor Drive" Y.P.Obulesu and **M.Vijaya Kumar**	"PARITANTRA " A Journal of Systems Science & Engineering, Vol.II, Number1,April 2005.	24	33
5	Improved Stator Flux Estimation for High Performance Speed Sensorless DTC Controlled Induction Motor Drive Y.P.Obulesu and **M.Vijaya Kumar**	A Journal of Systems Science & Engineering, Vol.13, Number1,June 2006.	60	66
6	A Novel Power Factor Correction Converter Employing Zero Voltage Transition Technique based Boost Topology P.Ram Mohan, O.V. Raghava Reddy, **M.Vijaya Kumar** and S. Rama Reddy	NICE – Journal of Emerging Technologies, Vol. 1, No. 1, July 2006.	24	31
7	Electromagnetic Interference (EMI) Analysis and its Suppression in a Power Factor Correction Converter P.Ram Mohan, O.V. Raghava Reddy, **M.Vijaya Kumar** and S. Rama Reddy	NICE – Journal of Emerging Technologies, Vol. 1, No. 1, July 2006.	32	40
8	Reactive Power Compensation using UPFC – A Case Study K.Sreelatha, K.Rama Mohan Reddy and **M.Vijaya Kumar**	i-manager's Journal on Electrical Engineering, Vol.1, No.1 July- Sep 2007.	5	9

9	Direct Torque Control of Induction Motor based on Fuzzy State Feedback Controller Y.V. Siva Reddy, **M.Vijaya Kumar** and T.Brahmananda Reddy	i-manager's Journal on Electrical Engineering, Vol.1, No.1 July- Sep 2007.	25	29
10	Non linear Model for Switched Reluctance Motors K.V.Reddy and **M.Vijaya Kumar**	Journal of IE (I) , Vol-89,March 2009.	3	8
11	Torque Control and Torque Ripple Minimization of Switched Reluctance Motors K.V.Reddy and **M.Vijaya Kumar**	i-manager's Journal on Electrical Engineering, Vol.2, No.4 , April-June 2009. ISSN 0973-2632	1	7
12	Localization of Faults in a Single Fed Transmission Line using Gabor Wavelet B.Ravindranath Reddy, **M.Vijaya Kumar** and Y.Venkata Raju	i-manager's Journal on Electrical Engineering, Vol.3, No.1 , July-September, 2009.		
13	Direct Instataneous Torque Control of Switched Reluctance Motors K.V.Reddy and **M.Vijaya Kumar**	Journal of IE (I) , Vol-92, June 2011. ISSN 0020-3386	16	21
14	Hybrid Fuzzy- PI Controller for the Speed Control of Switched Reluctance Motors K.V.Reddy and **M.Vijaya Kumar**	i-manager's Journal on Electrical Engineering, Vol. , No. , April-June 2011. ISSN 0973-2632		
15	Torque Ripple Reduction in Direct Torque Control Based Induction Motor using Intelligent Controller Ambarapu Sudhakar & **M. Vijaya Kumar**	Journal of The Institution of Engineers (India) Ser. B 02.08.2014	Online Version Springer	

16	Simple and Efficient High-Performance PWM Algorithm for Induction Motor Drives P. Rama Mohan, T. Bramhananda Reddy, **M.Vijaya Kumar**	Journal of Electrical Engineering(JEE) Volume 11/2011, Edition:4, Article:11.4.4	23	30
17	Minimization of Torque Ripple by SVM in Direct Torque Control of PMSM Drives. A.Sudhakar, **M.Vijaya Kumar**	i-manager's Journal on Electrical Engineering, Volume5, No.2, October- December 2011	55	59
18	Impact of Fuel Cell Based Hybride Distributed Generation in Generation in an Electrical Distribution system J.A. Baskar, R. Hariprakash, **M.Vijaya Kumar**	Journal of Theoretical and Applied Information Technology 31st July 2012. Vol.41 No.2		
19	Real – Time Designing and Modeling of Online Monitoring of Energy Consumtion using GPRS System P.Sujatha, P. Ram Kishore Kumar Reddy and **M. Vijaya Kumar**	i-manager's Journal on Electrical Engineering, Volume5, No.2, October- December 2011	49	54
20	Decentralized linear quadratic power system stabilizers for multi-machine power systems A.Venkateswara Reddy, **M. Vijaya Kumar** and Gurunath Gurrala	Indian Academy of Scineces,Volume-37, Part4, August 2012.	521	537
21	High Efficiency Single Output ZVS-ZCS Voltage Doubled Flyback Converter Deepa.K, Hridaya Merin Saju, **M. Vijaya Kumar**	Journal of The Institution of Engineers (India) Ser. B 23.12.2014	Online Version Springer	

22	Topologies In Matrix Converter- A Review G.Pandu Ranga Reddy, **M.Vijaya Kumar**	i-manager's Journal on Electrical Engineering, Vol 9 No1 July-September 2015	18	25
INTERNATIONAL JOURNALS				
1	" Optimal conductor selection for radial distribution systems" S.Sivanaga Raju, N.Sreenivasulu ,**M.Vijaya Kumar** and T.Ramana	Journal of Electric Power Systems research, Vol.63,2, Sept 2002	95	103
2	"Voltage stability analysis for radial distribution networks with and without compensation" S.Sivanaga Raju, N.Sreenivasulu ,**M.Vijaya Kumar** and T.Ramana	Journal of Water and Energy, Vol-60, No.1, Jan-Mar 2003	48	53
3	A Novel Zero Voltage Transition (ZVT) Technique Based Closed Loop Control of Boost Power Factor Correction (PFC) Converter with EMI Filter P.Ram Mohan, **M.Vijaya Kumar,** S. Rama Reddy and O.V. Raghava Reddy	Medwell Journals: International Journal of Electrical and Power Engineering 1 (1), Jan 2007	104	107
4	A Novel Microcontroller Based Power Factor Correction (PFC) Boost Converter with EMI Filter P.Ram Mohan, **M.Vijaya Kumar,** S. Rama Reddy and O.V. Raghava Reddy	Medwell Journals: International Journal of Electrical and Power Engineering(1), Jan 2007	99	103
5	Simulation of a Novel Microcontroller Based Power Factor Correction(PFC) Converter with EMI Filter P.Ram Mohan, **M.Vijaya Kumar,** and O.V. Raghava Reddy	APRN Journal of Engineering and Applied Sciences, Vol.2, No.4, August 2007.	1	5

6	A Novel Topology of EMI Filter to suppress Common Mode and Differential Mode noises of Electro Magnetic Interference in Switching Power Supplies P.Ram Mohan, **M.Vijaya Kumar,** and O.V. Raghava Reddy	APRN Journal of Engineering and Applied Sciences, Vol.2, No.4, August 2007.	32	35
7	A Novel EMI Filter to suppress CM and DM noises of EMI in ZVT Technique based Boost PFC Converter P.Ram Mohan, **M.Vijaya Kumar,** and O.V. Raghava Reddy	International Review of Electrical Engineering Journal, Vol.2, No.4, August 2007.	1	5
8	Design and Simulation of Direct Torque Control of Induction Motor Drive using MATLAB/ Simulink Y.P.Obulesu and **M.Vijaya Kumar**	International Journal of Power and Energy Systems, Vol 27, No.2, 2007	145	150
9	Evaluation of Transformer Faults using Double Fourier Series- A fastest method for Field Computations A.Srinivasula Reddy and **M.Vijaya Kumar**	Journal of Theoretical and Applied Information Technology, 2008	1	6
10	Modeling and Simulation of PWM Switched Autotransformer for Voltage Sag Mitigation using MATLAB T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	International Journal of Electrical and Power Engineering 4(3), 2010.	164	168
11	Enhancement of Voltage Stability and Loadability Margin using FACTS Devices T.Devaraju, **M.Vijaya Kumar** and V.C.Veera Reddy	International Journal of Multidisciplinary Research and Advances in Engineering,Vol.2, No.III, Oct 2010.	53	62

12	Role of Custom Power Devices in Power Quality Enhancement: A Review T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	International Journal of Engineering Science and Technology, Vol.2(8), 2010	3628	3634
13	Modeling and Simulation of Custom Power Devices to Mitigate Power Quality Problems T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	International Journal of Engineering Science and Technology, Vol.2(6), 2010	1880	1885
14	Performance of DVR under Different Voltage Sag and Swell Conditions T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	ARPN Journal of Engineering and Applied Sceinces, Vol.5, No.10, oct 2010	1	9
15	Comparitive Study on Voltage Sag Compensation Utilizing PWM Switched Autotransformer By HVC T.Devaraju, V.C.Veera Reddy and **M.Vijaya Kumar**	Journal of Theoretical and Applied Information Technology, Vol.19,No.2, 2010	92	97
16	Understanding of Voltage Sag mitigation using PWM Switched Autotransformer through MATLAB Simulation T.Devaraju, A. Muni Sankar, V.C.Veera Reddy and **M.Vijaya Kumar**	World Journal of Modelling and Simulation (2005) ISSN 1746-7233		
17	Comparison of VSI and ZSI Based STATCOM Systems N.Usha and **M.Vijaya Kumar**	International Journal of Engineering Research and Industrial Applications, Vol.3, No.I(2010)	247	260

18	A New Space Vector Pulse Width Modulation for Reduction of Common Mode Voltage in Direct Torque Controlled Induction Motor Drives Y.V.Siva Reddy, **M.Vijaya Kumar** and T.Brahmananda Reddy	Iranian Journal of Electrical and Computer Engineering, Vol.7, No.1, 2008	34	38
19	Direct Torque Control of Induction Motor using Sophisticated Lookup Tables Based on Neural Networks Y.V.Siva Reddy, **M.Vijaya Kumar** and T.Brahmananda Reddy	ICGST Trans. On AIML Journal, Vol.7, Issue 1, June 2007	9	15
20	Direct Torque Control of Induction Motor Drive based on Random position SVPWM, For Reduction of Acoustical Noise Y.V.Siva Reddy and **M.Vijaya Kumar**	ARPN Journal of Engineering and Applied Sceinces, Vol.2, No.3, oct 2006	17	21
21	Hottest Spot and Life Evaluation of Power Transformer Design using Finite Element Method A.Srinivasula Reddy and **M.Vijaya Kumar**	Journal of Theoretical and Applied Information Technology, 2008	238	243
22	Neural Network Modeling of Distribution Transformer with Internal Winding Faults using Double Fourier Series A.Srinivasula Reddy and **M.Vijaya Kumar**	International Journal of Computer Science and Applications , Vol.1, No.3, December 2008	160	163
23	Detection & Localization of Faults in Transmission Lines using Wavelet Transforms (Coif Let & Mexican Hat) B.Ravindranath Reddy, **M.Vijaya Kumar**, M.Surya Kalavathi and Y.Venkata Raju	Journal of Theoretical and Applied Information Technology, 2009	99	104

24	Persuasion of Energy Audit on Demand –Side Management in Power System P. Sujatha, M. Narendra Kumar and **M. Vijaya Kumar**	Research Journal of Engg. And Tech. Volume-2, Issue-3, July-September 2009	81	85
25	Simulation of Novel Hybrid Shunt Active Filter to Reduce the Harmonics due to Non-linear Loads in 415V, 50 Hz Distribution System S.Sella Kumar and **M.Vijaya Kumar**	International Journal of Advanced Engineering Sciences and Technologies, Vol.2, No.2, 2011 ISSN: 2230-7818	146	150
26	Simulation Results of Eight-Bus System using Push-Pull Inverter Based STATCOM N.Usha and **M.Vijaya Kumar**	Journal of Theoretical and Applied Information Technology, 2009 Vol. 10 No.2	83	88
27	Non-lonear Modeling and Torque Ripple Minimization of Switched Reluctance Motors KVReddy and **M.Vijaya Kumar**	International Journal on Electronic & Electrical Engineering(IJEEE) Vol. 4 No. 6 March-May2009 ISSN 0974-2042	1	8
28	NSTFPI Controller for the Speed Control of Switched Reluctance Motors KVReddy and **M.Vijaya Kumar**	International Journal on Electrical Engineering and Electrical Systems(IJEEES) Vol. 4 No. 1 October-December 2010 ISSN 0974-4967	15	20
29	Economic Impact of Hybrid Distributed Generation in an Electrical Distribution System J.A.Baskar, R.Hariprakash and **M.Vijaya Kumar**	Journal of Theoretical and Applied Information Technology, 15th January 2012, Vol. 35 No.1 ISSN:1992-8645	83	91
30	A review of Various Converter Topologies for SRM Drives George Shelly Lukose, S. Paramasivam and **M. Vijaya Kumar**	Lukose et al/ SAE Int. J. Alt. Power./ Volume3, Issue1 (May 2014)		

31	A Novel MATLAB/Simulink Model of PMSM Drive using Direct Torque Control with SVM K. Narasimhaiah Achari, B. Gururaj, D.V. Ashok Kumar, **M.Vijaya Kumar**	Published by International Jouranal of Computer Applications (IJCA)	34	39
32	Understanding of Voltage sag mitigation using PWM Switched autotransformer through MATLAB simulation Thangellamudi Devaraju, Akula Muni Sankar, Vyza.C.Verra Reddy, **M.Vijaya Kumar.**	World Journal of Modelling and Simulation Vol.8(2012) No.2	154	160
33	Comparative Analysis of Sine Triangle and space vector PWM for Cascaded Multilevel Inverters B. Kiran Kumar, Y.V. Sivareddy and **M.Vijaya Kumar.**	International Journal of Electrical Engineering & Technology (IJEET) Volume4, Issue2, March-April 2013	155	164
34	Neural Network Controllers in Direct Torque Controlled Synchronous Motor. A Sudhakar, **M.Vijaya Kumar.**	International Journal of Power Electronics and Drives Systems(IJPEDS) Volume3, No.3, September 2013	311	320
35	A Comparative Analysis of PI and Neuro Fuzzy Controllers in Direct Torque Control of Induction Motor Drives A Sudhakar, **M.Vijaya Kumar.**	Internal Journal of Engineering Research and Applications (IJERA) Volume 2, Issue 4, June-July2012,	672	680
36	Environmental and Economic Aspects of Hybrid Distribution Generation in an Electrical Distribution System J.A. Baskar, R. Hariprakesh, **M.Vijaya Kumar**	International Journal of Engineering and Innovative Technology(IJEIT) Volume1, Issue6, June 2012	201	207

37	Online Estimation of Rotor Time Constant and speed for Vector Controlled Induction Motor Drive with Model Reference Adaptive Controller (MRAC) D.Sleeva Reddy, K. Lakshmi Prasad Reddy, **M. Vijaya Kumar**	International Journal of Engineering Research and Applications(IJERA) Volume-2, Issue-6, November – December2012 ISSN:2248-6922	172	179
38	A Comparison of Extended and Unscented Kalman Filters for the State Estimation of Induction Motor Drives D.Sleeva Reddy, K. Ankalamma, **M. Vijaya Kumar**	International Journal of Engineering Research & Technology(IJERT) Volume-1, Issue-7,September-2012		
39	Evaluation of Micro turbine-Wind Based DG System for Minimizing Costs and Pllutant Emission in an Electrical Distribution System J.A. Baskar, R. Hariprakesh, **M.Vijaya Kumar**	International Journal of Engineering and Innovative Technology(IJEIT) Volume2, Issue11, May 2013		
40	ZVS Multi-Output Push-Pull QRC Using Analog Controller UC3825 for Low Power Applications Deepa.K, **M. Vijaya Kumar**	AASRI Procedia by Elsevier Publications July 2014 ISSN:2212-6716	62	67
41	Analysis of a quasi-resonant switch mode power supply for low voltage applications Deepa.K, Jayanthi.R, **M. Vijaya Kumar**	International Journal of Electrical and Power Engineering ACEEE Volume-4, No.2, Aug 2013,	85	92
42	Soft switching scheme for a post regulated current fed pushpull converter Ajith Vijian, Deepa.K, **M. Vijaya Kumar**	International Review on modeling and simulation, IREMOS. Volume-6, No.2, April 2013,	317	322

43	Design and implementation of 30W DC-DC converter for Aerospace application Deepthi, Deepa.K, **M. Vijaya Kumar**	International Review on modeling and simulation, IREMOS. Volume-6, No.2, April 2013	323	328
44	Active clamp zero voltage switching multi output flback converter with voltage doubler Deepa.K, Santhi Mary Kurian, **M. Vijaya Kumar**	International Review on modeling and simulation, IREMOS. Volume-6, No.2, April 2013	351	359
45	Digital Simulation of SISO-ZVS-Push pull Quasi Resonant Converter for Different Loads Deepa.K, **M. Vijaya Kumar**	International Journal of Engineering Research and Applications (IJERA) Volume-2, Issue-4, July-August 2012	896	901
46	Design of PI Controller for Multi Output Boost Converter Deepa.K, Sharika, Mamatha, **M. Vijaya Kumar**	CiiT International Journal of Programmable Device Circuits and Systems, August Issue 2011, ISSN 0974-9624	461	465
47	A comparative study of PI and Fuzzy Based Controller for DC-DC converters Deepa.K, **M. Vijaya Kumar**	CiiT International Journal of Programmable Device Circuits and Systems, February Issue 2010, ISSN 0974-9624	20	28
48	Constant Power Control of 15 DFIG wind turbines with energy storage V. Phaneendra, M. Rama Sekhara Reddy & **M. Vijaya Kumar**	International Journal of Power Systems Operation and Energy Management Volume-1, Issue-4, 2012 ISSN:2231-4407	59	66
49	Modeling and Control of a Permanent Magnet Synchronous Generator wind Turbine with Energy Storage K. Uday Kumar Reddy, M. Rama Sekhara Reddy and **M. Vijaya Kumar**	International Journal of Engineering Research and Applications (IJERA) Volume-2, Issue-5, September-October 2012	1900	1905

50	Power Quality Improvement in DFIG based Wind energy Conversion system using UPFC M. Rama Sekhara Reddy, **M. Vijaya Kumar**	IOSR Journal of Engineering (IOSRJEN) Volume-3, Issue-1, January 2013	46	54
51	Design of Pole Placement Power System Stabilizers for Multi-Machine Systems without the External System Information A.Venkateswara Reddy, Gurunath Gurrala and **M. Vijaya Kumar**	International Peer Reviewed Journal Volume-5, January 2013	42	57
52	Implementation of FC-TCR for reactive control K. Sree Latha and **M. Vijaya Kumar**	IOSR, Volume-5, Issue-5, May-June 2013	1	5
53	Enhancement of Voltage stability in Grid connected Wind farms using SVC K. Sree Latha and **M. Vijaya Kumar**	IJETAE, Volume-3, Issue-4, April 2013		
54	Matrix Converter Design for DFIG Based Wind Energy Conversion System P.Ranga Reddy G., **M.Vijaya Kumar**	International Journal of Distributed Energy Resources and Smart Grids, Volume 10, Issue 4, Oct-Dec 2014, ISSN 1614- 7138	243	259
55	Advanced Pulse Width Modulation Techniques for Z Source Multi Level Inverter B.M.Manjunatha, D.V.Ashok Kumar, **M.Vijaya Kumar**	International Journal of Electrical, Computer, Electronics and Communication Engineering ,Volume-9, Issue-3, 2015	380	385
56	Improvement of Efficiency in an Active Clamp ZVS Multi-output Flyback Converter with Voltage Doubler by using UC3825 Analog Controller Deepa.K, Santhi Mary Kurian, **M. Vijaya Kumar**	International Journal of Applied Engineering Research Vol. 10 No. 1 2015 ISSN 0974-4967	1671	1685

57	Soft Switched Multi-output Flyback Converter with Voltage Doubler Deepa.K, Hridya Merin Saju, **M. Vijaya Kumar**	International Journal of Power Electronics and Drives Systems(IJPEDS) Volume6, No.2, June 2015	396	403
58	Simulation and Analysis of Adaptive Control Method Employed for Matrix Converter **Dr.M.Vijaya Kumar**, G.Pandu Ranga Reddy, Santhi M.M	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol:4, Issue2, February 2015	908	917
59	Advanced Pulse Width Modulation Techniques for Z source Multi Level Inverter B/M.Manjunatha, D.V.Ashok Kumar, **M.Vijaya Kumar**	World Academy of Science, Engineering and Technology International Journal of Electrical, Computer and Communication Engineering Vol:9, No:3,2015	380	385
60	Design Of Novel Cascaded Multilevel Inverter By Series Of Sub Multilevel Inverters	IOSR Journal of Electrical and Electronics Engineering(IOSR-JEEE) e-ISSN:2278-1676, p-ISSN:2320-3331, Volume 10, Issue 4 Ver, II(July-Aug 2015)	25	30
61	Level shifted discontinuous PWM algorithms to minimize common mode voltage for cascaded multilevel inverter fed induction motor drive Nayeemuddin, M., Bramhananda Reddy, T., Vijaya Kumar, M.	International Journal of Power Electronics and Drive Systems, 2018		
62	Analysis and design of a robust controller for a grid-connected photovoltaic power plant. Nagaraja, Y., Vijaya Kumar, M., Deva Raju, T.	International Journal of Ambient Energy, 2018		

63	Sensorless control of IPMSM drive using EKF with electromegnetic noise effect. Narasimhaiah Achari, K., Ashok Kumar, D.V., Vijaya Kumar, M.	International Journal of Power Electronics and Drive Systems, 2018		
64	A simplied PWM technique for isolated DC-DC converter fed switched capacitor multi-level inverter for distributed generation. Manjunatha, B.M., Ashok Kumar, D.V., Vijaya Kumar, M.	International Journal of Power Electronics and Drive Systems, 2017		
65	DSP-based identification, classification and mitigation of power quality disturbances using UPQC AM Sankar, TD Raju, Vijaya Kumar, M.	International Journal of Ambient Energy, 2018	1	9
66	Speed Sensorless Control of IPMSM Drive using EKF with Electromegnetic Noise effect KN Achari, DVA Kumar, Vijaya Kumar, M.	International Journal of Power Electronics and Drive Systems (IJPEDS), VOLUME 9, ISSUE 1, 2018	157	165

Experience in Associations/ Organizations:

S.No	Designation	Institution	Experience	
			From	To
1	Secretary cum Treasurer ISTE local chapter	JNTU College of Engg, Anantapur	Oct'1998	Oct'2000
2	Secretary Teachers Association	JNTU College of Engg, Anantapur	1.1.2000	31.12.2001
3	National Executive Council Member ISTE, NewDelhi	ISTE, NewDelhi	1.1.2003	31.12.2005
4	Vice President, Teachers Association	JNTU College of Engg, Anantapur	1.1.2004	31.12.2005
5	Member Convener Monitoring &	JNTUniversity Anantapur	10.9.2008	3.11.2010

	Development Committee			
6	State Managing Committee Member	ISTE AP section	1.1.2009	31.12.2011
7	State Managing Committee Member	ISTE AP section	1.1.2012	31.12.2014

Awards:

- Received **The Pandit Madan Mohan Malaviya Memorial Prize** from The Institution of Engineers (India) on 17.12.2004
- Received **Certificate of Merit** from The Institution of Engineers (India) on 11.12.2009
- Received the **Best Teacher Award** from AP State Government on 05.09.2015

Industrial Exposure:

- Undergone Industrial Training at Kirloskar Electric Company Pvt.Ltd., Mysore from 02.05.1989 to 22.06.1989. Associated in the project "Singlephase static AC Regulator" during this period.
- Undergone practical training at Kirloskar Electric Company Pvt.Ltd., Mysore from 16.08.1989 to 30.01.1990 Completed M.Tech Dissertation work titled "Delta connected Power Controller to RF Induction Heater" during this period.

Board of Studies Memberships:

- Member, Board of Studies in E & ECE(P.G.) S.V.U, Tirupati – 3 years from 11.03.2005.
- Member, Board of Studies in EEE , JNTUCollege of Engg., Anantapur.
- Chairman, Board of Studies in EEE , JNTUCollege of Engg., Anantapur.
- Member, Board of Studies in EEE , JNTUniversity, Hyderabad
- Member, Board of Studies in EEE , JNTUCollege of Engg., Anantapur.
- Member, Board of Studies in EEE , Sri Krishnadevaraya University., Anantapur – 3 Years from 29.8.2009.
- Member, Board of Studies in EEE , Yogi Vemana University, Kadapa
- Chairman, UG Board of Studies in EEE , JNTUniversity, Anantapur w.e.f 22-7-2011 for a period of 2 years
- Chairman, PG Board of Studies in EEE , JNTUniversity, Anantapur w.e.f 4-10-2014 for a period of 2 years

Governing Body Memberships:

- Governing Body Member, VITS, Kavali
- Governing Body Member, Shree Institute of Technical Education, Krishnapuram, Chittoor(Dist)
- Governing Body Member, Shri Shiridi Sai Institute of Science & Engineering, Vadiyampet, Anantapur(Dist)
- Governing Body Member, Sree Vidyaniketan Engineering College, Tirupati
- Governing Body Member, Sree Rama Engineering College, Tirupati
- Governing Body Member, JNTUCE, Anantapur from 30.4.2006 to 27.8.2008.
- Governing Body Member, Annamacharya Institute of Technology and Sciences, Rajampet
- Governing Body Member, Madanpalli Institute of Technology and Sciences, Madanapalli
- Governing Body Member, KVSubba Reddy Engineering College for Women, Kurnool
- Governing Body Member, Chaitanya Bharathi Institute of Technology, Proddatur

Membership in Committees:

- Member, EEE Doctoral Committee, JNTUniversity, Anantapur
- Member, NSS Advisory Committee , JNTUniversity, Anantapur
- Member, Building Committee, JNTUniversity, Anantapur
- Member, Building Committee, SKUniversity, Anantapur

Membership in Professional Bodies:

- Life Member of Indian Society for Technical Education (ISTE) – LM 14250
- Life Member of System Society of India (SSI) – LM 26008
- Fellow of Institution of Engineers (India) - FIE (F 112671-3)

Participation in Conferences/ Refresher Courses/ Workshops/ Summer/ Winter Schools/ Symposiums/ Seminars, etc.:

S.No	Name of the Course	Duration	Dates	Place
1	National Workshop on Recent Trends on Microprocessor Applications	3 Days	25-27 June,1990	JNTU College of Engg, HYD
2	ISTE Winter School on Developments in Computer Based Control Systems	1 Week	26.12.90 To 1.1.91	MBM Engg. College, Jodhpur
3	Winter School on Computer Software	4 Weeks	21.1.93 To	JNTU College of Engg., Anantapur

			17.2.93	
4	ISTE Summer School on Signals and Systems	2 Weeks	9-21 May,1994	JNTU College of Engg., Anantapur
5	ISTE Summer School on C Langauge	4 Weeks	1-30 Aug,1994	JNTU College of Engg., Anantapur
6	UGC Refresher Course in Electrical Engg	4 Weeks	7.11.94 To 2.12.94	JNT University Hyderabad
7	ISTE Summer School on Operations Research	4 Weeks	8.3.95 To 6.4.95	JNTU College of Engg., Anantapur
8	QIP Short Term Course on System Identification and Adaptive Control	2 Weeks	4-15 Dec,1995	IIT Madras
9	National Workshop on PC Based Instrumentation	1 Week	10-17 March,97	SK University Anantapur
10	ISTE Winter School on Programming in C++ and Data Structures	4 Weeks	31.12.97 To 29.1.98	JNTU College of Engg., Anantapur
11	ISTE Summer School on Numerical Methods with C for Scientists & Engineers	4 Weeks	26.3.99 To 24.4.99	JNTU College of Engg., Anantapur
12	ISTE Short Term Training Programme on Internet and Java	4 Weeks	9.8.00 To 8.9.00	JNTU College of Engg., Anantapur
13	AICTE - ISTE Winter School on Reliability Engg. and Applications	2 Weeks	11-23 Dec,2000	JNTU College of Engg., Anantapur
14	Workshop on Best Practices in Energy Conservation	3 Days	18-20 Aug,2005	CPRI Thiruvananthapuram
15	Refresher Course on Analysis of Electrical Circuits	1 Week	29.8.05 To 3.9.05	JNTU College of Engg., Anantapur
16	Workshop on Vector Control of Induction Motor	3 Days	20-22 Oct,2005	JNTU College of Engg, HYD
17	Workshop on Distribution & Automation – Recent Trends	3 Days	28-30 Oct,2005	JNTU College of Engg., Anantapur

18	Seminar on Productivity Enhancement : Concept, Benefits & Applications	1 Day	28th July 2006	Yokogawa Support Service Solutions, Secunderabad
19	Industrial Pneumatics Symposium	5 Days	11-15th Dec 2006	SMC Pneumatics Pty Ltd, Sydney (Australia)

M.Tech Projects Guided:

S.No.	Name of the Student	Title	Year
1	M.Nagaraju(EPS)	Slip Power recovery scheme fully controlled converter with half- controlled characteristics	1998
2	M.Bhaskar Reddy(EPS)	PC Based Measurement of energy	1999
3	C.Sasikala(EPS)	Uninterrupted Power Supply(off-line)	1999
4	Y.V.Siva Reddy(EPS)	Microcontroller Applications	2000
5	V.Sreedhar(EPS)	Modified sequence control technique of Bridge Converters	2000
6	K.Ramamohan Reddy(EPS)	Simulation of chopper fed separately excited DC Motor	2001
7	V.Suryanarayana Reddy(EPS)	Energy consumption and conservation aspects in Cement manufacturing industry- A case study	2001
8	T.Chandra Sekhar(EPS)	Induction Generator for a stand alone Power System	2001
9	L.Sreelatha(M.Sc Instrumentation)	Elevator Simulation with PLC (External, USIC, SKU, Anantapur)	2002
10	D.Geetha(CS)	Embedded Based Process Controller	2004
11	M.Adisesha Vinod(CS)	Propellent Mixing using PLC (ISRO, Sriharikota)	2004
12	A.Amarendra(EPS)	Prototype model of Automatic Sun tracking System	2004
13	Shaik Rafi Kiran (CS)	Microcontroller Based encoder data acquisition unit (ISRO, Sriharikota)	2004
14	M.Narendra Kumar(EPS)	Reduction of Energy losses by Computer Aided Distribution System Planning (External- SCDE, JNTU, Hyderabad)	2004
15	K.Sambasiva Reddy(PID)	Simualtion of synchronous reference current controlled active Power filter(BHEL, R &D, Hyderabad)	2004
16	G.Swathi(CS)	Design of Flight Control System	2004
17	B. Poli Naidu(CS)	Active Identification and Control for a Class of Nonlinear Discrete – Time Systems	2004
18	B.Narmada Devi	Development, Implementation & testing of Software and Hardware of PLC's required for SCADA(ECIL, Hyderabad)	2005
19	G.Lakshmi Prasanna(CS)	Design of Remote terminal unit simulator for open SCADA kernel (CMC, Hyderabad)	2005
20	V.Seshagiri Rao(EPS)	PC Based four quadrant chopper fed DC drive using Fuzzy Logic	2005
21	N.V.Haritha(PID)	Aluminium Foil Winding Machine (I)(Syamala	2005

		Systems, Bangalore)	
22	G.Rama Rao(EPS)	Lineflow Control by using FACTS Devices	2005
23	G.Srinivasa Rao (EPS)	Optimal Power flow through successive constraint relaxation linear programming approach	2005
24	R.Kalpana(PID)	Bidirectional AC/DC Converter Based on Neutral Point Clamped	2005
25	K.Sreelatha(EPS)	Optimal Power flow Control using UPFC- A case study	2006
26	G.Venkateswarlu(EPS)	Distribution Automation through SCADA	2006
27	G.Madhavilatha(PID)	An Intelligent software determine the type, size & location of FACTS device in a Power System network with case studies	2006
28	M.Srinu Babu(EPS)	Measurement, Analysis & Mitigation of Power System Harmonics in Cement Industry(I) (Ultratech cements, Anantapur)	2006
29	G. Niranjan Reddy(EPS)	Power Flow Control using Static Synchronous Series Compensator with Energy Storage	2006
30	R.Manju Bhargavi(PID)	DSP Based, Speed Control of Permanent magnet Synchronous Motor using SVPWM Technique	2006
31	R.Laksmi Gowri Sirisha(PID)	Performance of Distance Relays in Shunt FACTS Compensated Transmission Lines using RTDS	2006
32	B.Bhaskar (CS)	A Neuro – Fuzzy – Based On-line Efficiency Optimization Control of a Stator Flux- Oriented Direct Vector Controlled Induction Motor Drive	2006
33	B.Bhaskar	A Nuero fuzzy based on-line efficiency optimization control of a stator flux oriented direct vector controlled induction motor drive	2007
34	M.Ramasekhara Reddy(EPS)	Induction Generators in Wind energy Conversion Systems	2007
35	M.Manohara(EPS)	Available transfer capability enhancement of Power system using UPFC	2007
36	P.Kishore Kumar (PID)	Boost and Buck – Boost derived Topologies for Power factor Correction	2007
37	J.Nageswara Rao(PID)	A Novel reference compensation current strategy for Shunt active Power filter Control	2007
38	A.Sudhakar(PID)	Fault Detection of Open – switch damage in voltage fed PWM Motor drive system	2007
39	G.R.K.D. Satya Prasad(EPS)	Implementation of Distributed Generation Technology to Water Pumping Schemes	2008
40	S.Chandrasekhar Reddy(EPS)	Elimination of specified harmonics in multilevel inverter using Genetic Algorithm	2008
41	K.Lakshmi Narayana(CS)	Design and Simulation of UPFC using ANN	2008
42	G.Satyanarayana(EPS)	Steady state analysis of self- excited induction generator with long – shunt compensation	2008
43	U.Jagadesh Kumar(PID)	Single Stage Power Factor Correction	2008

		Converter with A Low Frequency Auxiliary Switch	
44	S.Padmavathi(PID)	Control of Fourth Order Buck Converter	2008
45	C Sravanthi.Jetti(PID)	Selective Harmonic Elimination (SHE PWM) in Voltage Source Inverter Fed Induction Motor Drive using MATALB Simulink	2008
46	Rajeswar.T(PID)	Design and Implementation of Permanent Magnet Synchronous Motor Drive	2008
47	A.Anil Kumar(EPS)	Power Upgrading of Transmission Line by Combining AC-DC Transmission	2008
48	Koneru Harshavardhan(PID)	Power Factor Improvement in AC to DC Resonant Converter	2008
49	Krishna Mohan.M(PID)	Design and Implementation of BLDC Drive with Hall Sensors and Encoder Feed back	2008
50	P.L.V.Prasanna(EPS)	Wavelet Based Fault Detection, Classification Location on Transmission Lines	2008
51	U.Sreenivas(EPS)	Cost – Based Spinning Reserve Allocation in Deregulated Power system	2008
52	A.Phanindra Kumar(PID)	Slip Effects on Rotor Time Constant in Vector Controlled Induction Motor Drives	2009
53	L.Venkata Reddy(PID)	Space Vector Based Synchronized PWM Strategies at Low Switching Frequency in Over modulation Region	2009
54	Sridhar Dasari(PID)	Harmonic Reduction in AC – DC Converters for Vector Controlled Induction Motor Drives	2009
55	Y.Naresh Kumar(PID)	Modulation Strategies of Matrix Converter	2009
56	S.Aruna(CS)	Design of New Adaptive Fuzzy Logic Controller for Non Linear Plants with Unknown Dead Zones	2009
57	Kommu Narapal(PID)	Induction Motor Speed Control using Exact Feed Back Linearization with State and State Derivative Feed back	2009
58	V.Kishore(PID)	Direct Torque Control of Speed Sensor less PMSM Based on extended Kalman Filter	2009
59	Billa Mahender(EPS)	Stabilization of Frequency Oscillations in an Interconnected Power System by using Static Synchronous Series Compensator(SSSC)	2010
60	C.Ganesh(PID)	Torque Control of Induction Motor in the Field weakening Region using Stator Field Oriented Control	2010
61	N.Mounika(PID)	Performance Assements of Series Compensating devices with Digital Simulation	2010
62	K.Chiranjeevi(PID)	Implementation of Sensor less Induction Motor Drive Through Reactive Power Based MRAC	2010
63	B.S.Mahmmed Shaheer(PID)	Field – Oriented Control Schemes for Tandem – Converter Fed Induction Motor Drives	2010
64	K.Rajesh(PID)	A Fault Tolerant Dubly Fed Induction Generator wind Turbine Using Parallel and	2010

		Series Converters	
65	Ankarao Mogili(PID)	Feed Forward Torque Control Against Rotor Resistance Variations for Sensor less Induction Motors	2010
66	G.Sai Santhi(PID)	Implementation of variable Structure Controller for Direct Torque Controlled IPMSM Drive	2010
67	K.R.S.Kumar(PID)	PWM Switching Strategy for a Dual – Inverter Fed Induction Motor Drive for Dynamic Balancing of Zero – Sequence Current	2010
68	P.Bhoomaiah(EPS)	Dynamic Voltage Restorer	2010
69	B.Chandra Sekhar Reddy(PID)	Analysis of Low Speed PM Generator for wind Energy Applications	2010
70	G.S.Radha(EPS)	VVVF Control of Single Phase Induction Motor Drive	2010
71	G.Bala Gopal Reddy(EPS)	Realization of Multilevel Inverter by using IGBT'S	2010
72	M.Ramaprasad(PID)	Estimation of Speed and Rotor Time Constant in Vector Controlled Induction Machine Using MRAS	2010
73	Y.Krishna Priya(PID)	Parameter Identification Schemes for Sensor less Control of Induction Motor Drives	2010
74	Sheba rani.R(PID)	Autotransformer Based Multi Pulse Converters for Harmonic Mitigation in Vector Controlled Induction Motor Drive	2010
75	A.Reshma(PID)	Switching Losses and Harmonic Investigations in Diode Clamped Multilevel Inverter	2011
76	S.Sreelakshmi(PID)	Comparison of Seven-Level Multilevel Inverters with SPWM	2011
77	G.K.Vijaya Kumar (PID)	Loss Minimization Based Control of An Induction Motor Drive	2011
78	S.Sakunthala (PID)	Modelling and Simulation of an improved DSVM for PMSM DTC	2011
79	S.Padma (PID)	Simulation of Double Frequency Buck Converter using Matlab/Simulink	2011
80	Losery Joel.M(PID)	Multilevel inverter for grid connected photovoltaic system	2012
81	K.V.N.Kishore(PID)	Development of combined vector and direct torque control methods for independent two induction motor drives	2013
82	C.Prasanth Sai(PID)	Modeling and simulation of field oriented controlled CSI Fed IM drive using SVPWM technique	2013
83	Balimidi Mallikarjuna (PID)	Matlab/Simulink based multiphase induction motor drive generalized model	2013
84	Jayam Sreedhanya(PID)	Direct torque controlled induction motor FED from novel matrix converter using fuzzy space vector modulation	2013
85	B.Vijaya Lakshmi(EPS)	Power system stability enhancement using facts devices	2013
86	Khaja Murali Dasari (PID)	Fuzzy based motor speed controller for	2103

		commercial electric vehicle	
87	K.Vasavi(EPS)	Identification for optimal placement of static series voltage regulator in distribution system	2013
88	Boothapati Anil Kumar (EPS)	Transient stability analysis of two machine sytems using-band power system stabilizer and SVC	2013
89	Thummala Ravi Kumar (EPS)	A comparative sstudy of DSTATCOM control algorithms for reactive power compensation	2013
90	B.Indiravathi (PID)	Development of simulink models for advanced speed sensorless induction motor drive	2013
91	G.Ramadevi (EPS)	Investigations on transient stability of a power system including wind generators	2014
92	K.Vijaya Kumar(PID)	Performance evaluation of PI& Fuzzy controllers used in indirect vector controlled induction motor drive	2014
93	P.Narendra Rao(PID)	Proposed vector-controlled two-phase induction motor as a replacement for vector-controlled single-phase induction motor	2015
94	M.Srivastava(PID)	A novel absolute value logic SPWM control strategy based on de-re-coupling for high frequency link matrix rectifier	2015
95	K.Vijaya Babu(PID)	Performance characteristics of parallel connected induction motor drives using vector control	2015
96	P.Leela Madhuri(PID)	An energy efficient PMSM drive with autonomous power regenerative control system based on cascaded multilevel inverters and segmented energy storage	2015
97	P.Sumaiah Naz (PID)	Stator and rotor resistance estimation using artificial neural network for vector controlled speed sensor less induction motor drive	2015
98	V.Viswa Murthy	Rotor position error minimization technique for permanent magnet sysnchronous machines	2015
99	B.Sowjanya	Speed Estimation of Sensorless Vector Controlled Induction Motor Drive using ANN	2015
100	S.Evangelyn(PID)	Improvement of Power Quality of Grid Integrated PV System using Hysteresis Controller	2015
101	G.Pavani(PID)	Comparison of Performance of EZ Source Inverter fed IM Drive using PI and Fuzzy Logic Controller	2015
102	R.Venkateswarulu (PID)	Comparison of Nth Harmonic Injection Technique with SPWM Technique for N-phase VSI Fed N-phase IM Drive	2015

Organization of Seminars/ Conferences/ Workshops/ Summer/ Winter Schools/ Community Service programmes, etc.:

- Organized 2 STTPs
  - "Numerical Methods with C for Scientists & Engineers"during 26th March to 24th April, 1999
  - "Internet and Java" during 9th Aug to 8th Sep, 2000.
- Organized AICTE Sponsored National Conference on "Recent Advances in Electrical Engineering (EAR – 2004) on 4th December, 2004.
- Organized Community Services Programme on "Electrical Wiring & AC/DC Motor Control "from 22-01-2007 to 05-02-2007.
- Organized a Two day Workshop on "Intelligent Techniques and Their Applications in Engineering" during 14th & 15th Feb'2007.
- Organized a Two week Training Program on "Development of Embedded Systems Laboratory" from 19-02-2007 to 02-03-2007.
- Organized A Two Day National Level Technical Symposium EYE-07 during 16th & 17th March'07.
- Organized Community Services Programme on "Substation Maintenance & its Safety Measures "from 21-01-08 to 04-02-08.
- Organized A Two Day National Level Technical Symposium EYE-2K8 during 27th & 28th Feb'08.
- Organized A Two Day National Level Technical Symposium PIC-2K7 during 28th & 29th Feb'08.

Foreign Countries Visited:

- **Australia** - Attended training program at SMC Pneumatics Pty Ltd, Sydney
- **United Kingdom –** Signed MOU with Ports Mouth University, Portsmouth
- **Malaysia –** Visited Koulalampur during Transit

Any Other:

- Acted as Fact Finding Committee member for granting University affiliation to various self-financing institutions.
- Acted as Fact Finding Committee member for AICTE inspection for increase in intake/ introduction of PG Courses in various self-financing institutions.
- Acted as Subject Expert in various Staff Selection Committees
- Acted as Judge at National level Student Technical Symposiums organized by various institutions.
- Delivered guest lectures at various University and Affiliated Engineering Colleges

- Acted as College co-ordinataor for preparing documents for NAAC and NBA committees inspections (University received A grade by NAAC and Five departments of College got accredation for 3 years by NBA)
- Acting as Anantapur Help Line Centre Co-ordinator for APPGECET-2015,2016 & 2017.

Ananthapuramu

17/01/2019 (M.VIJAYA KUMAR)