



CURRICULUM VITAE

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Principal
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- Date of Birth** : 14th July 1961
- Marital Status** : Married
- Nationality** : Indian
- Educational Qualification** :

Degree	Institute/ University	Year
Ph.D. [Electrical Engineering]	Dr. MGR Scientific & Research Institute Chennai	2011
M.E. [Power Systems]	University Visveswararajah College of Engineering, Bangalore University	1992
B.E. [Electrical Power]	Bapuji Institute of Engineering & Technology Davangere Mysore University.	1985

- ❖ **Ph.D. Thesis** : A Novel Approach to Power Quality Analysis
- ❖ **M.E. Thesis** : Microprocessor Based Factor monitoring & Controlling
- ❖ **B.E. Project work** : Conservation of Electrical Energy in Textile industries

Professional Experience:

Designation	Experience		Years	Institution
	From	To		
Principal	06.07.2012	Till Date		SKIT, Bangalore
Professor & Head	01.02.2008	06.07.2012	04	SKIT, Bangalore
Professor & Head	01.09.2005	31.01.2008	2.5	Dr,TTIT (GVIT) KGF
Asst.Professor&Head	02.07.1998	31.08.2005	07	GVIT, KGF
Senior Lecturer	16.09.1994	01.07.1998	04	GVIT, KGF
Lecturer	19.11.1987	15.09.1994	07	GVIT, KGF
Principal	01.12.1985	18.11.1987	02	Millath ITI Kolar
Total Teaching Experience 27.5 Years				

- i) July 2012 to till date working as principal at Sri Krishna Institute of Technology Cikkabanavara Bangalore-90
- ii) February 2008 to July 2012 worked as Professor & Head Department of Electrical & Electronics Engineering, Sri Krishna Institute of Technology Cikkabanavara Bangalore-90
- iii) September 2005 to January 2008 worked as Professor & Head Department of Electrical & Electronics Engineering, Dr.TTIT (formerly Golden Valley Institute of Technology), K.G.F.
- iv) July 1998 to August 2005 worked as Assistant Professor and Head of the Department of Electrical & Electronics Engineering at Dr.TTIT (formerly Golden Valley Institute of Technology), K.G.F.
- v) July 1994 to July1998 worked as Senior Lecturer in Electrical & Electronics Engineering Department at Dr.TTIT (formerly Golden Valley Institute of Technology), K.G.F.
- vi) November 1987 to July 1994 worked as Lecturer in Electrical & Electronics Engineering Department at Dr.TTIT (formerly Golden Valley Institute of Technology), K.G.F.
- vii) January 1985 to October 1987 worked as principal at Millath Industrial training Institute Kolar.

Job Responsibilities:

- i) Has been actively involved in the accreditation work of the college for preparing the NBA application as chief coordinator
- ii) As Head of the Department of Electrical & Electronics Engineering, looking after overall development of the Department responsible for establishing different laboratories, Coordinating students project work etc.
- iii) Worked as a Deputy Superintendent and Chief Superintendent of the university examinations.
- iv) Convener for one-day National Seminar on “Power Quality-problems & Solutions” organized at Golden Valley Institute of Technology), K.G.F.
- v) Chief coordinator for the one day workshop on “Recent Development & challenges in Indian power sector” organized at SKIT, Bangalore
- vi) Worked as squad Chief during Visvesvaraya Technological University Examinations
- vii) Member of Board of Examination (UG) at Bangalore University,VTU and NMIT Bangalore
- viii) Guided many under graduate projects and postgraduate projects
- ix) Participated in many conferences / workshops / seminars conducted by various organizations.
- x) Participated as session chairperson in many conferences
- xi) Maintaining the captive generation & complete Electrification of the college campus
- xii) VTU nominee Member for the Governing Council of Nandi Institute of Technology

Memberships of Professional Bodies:

- i) Life member of the Indian Society for Technical Educational, New Delhi. Membership number LM 2809.
- ii) Life Member of Institute of Engineers [India], Calcutta, membership No.M128214-4.
- iii) Member IEEE, Membership number 92541341

Research Activities:

Currently guiding Six PhD students in VTU & Jain University

PAPER PUBLICATIONS

Publications	Journal	conference
International	04	02
National	01	21
Total	05	23

I. INTERNATIONAL JOURNAL

1. Paper titled “Comparison of DWT, LWT, SWT, & S-transform: classification and characterisation of Power Quality Events using LWT” has been accepted for Publication in the International Journal on Electronics and Electrical Engineering (IJEEE) ISSN 0974-2042 code: IJEEE/WINTER/2009/011/03 vol 7 No.11.(2010) pp. 27-37
2. A paper titled “Comparison of Discrete Wavelet Transform (DWT), Lifting Wavelet Transform (LWT) Stationary wavelet Transform (SWT) and S transform in Power Quality Analysis” has been published in European Journal of Scientific Research Vol 39 No. 4.(2010) pp.569-576
3. A paper titled “Development of Mathematical models for various PQ signals and Its validation for power quality Analysis” has been published in International Journal of Engineering Research and Development ISSN:2278-067X,Volume 1,Issue 3 (June 2012),pp.37-44.
4. The paper titled “An inventive approach of stability for Voltage Regulator Modules with High Frequency Multiphase Buck Converters”, has been published in the 2012 IEEE International Conference on Power Electronics, Drives and Energy Systems,December16-19, 2012, Bengaluru, India.
5. A paper titled” An overview of Power Quality Issues in Smart Grid” has been published IJIRAE Journal Volume 1, Issue 10, Nov, 2014

II.NATIONAL JOURNAL

1. A paper titled” Performance Evaluation of Transformation Schemes for Power Quality and FPGA Implementation of Novel DWT architecture for PQ Analysis “has been published in the National Journal of Information, Knowledge and research in Electrical Engineering, ISSN: 0975-6736 Issue 02 Vol.01 Page no.24-30.

III INTERNATIONAL CONFERENCE

1. The paper titled” Determination of Voltage dips and Harmonics in a Power distribution system for power quality analysis” was presented in ,IEEE Sponsored International conference on Recent advancements and applications of computer in Electrical Engineering on 24th and 25th March,2007, at Engineering College Bikaner, Rajasthan
2. The paper titled “Design and Implementation of Color Conversion Module-RGB to YCbCr and Vice Versa” was presented in the International Conference on VLSI, Communication and Instrumentation to be held at Saintgits College, Kottayam, Kerala on 7th to 9th April 2011

IV. NATIONAL CONFERENCE

1. A paper is presented Titled “Characterization of power disturbances with Fourier and wavelet Transform for power quality Analysis”, in National conference in recent Trends in power system(RTPS05),dated November 30th & 1st Dec 2005 at Srinidhi Institute of Science & Technology Hyderabad INDIA
2. The paper titled “A Simple Method of Classification of Power Distribution System Disturbances by using Voltage Magnitude Events “ was presented at the National conference on Advanced Technologies in Electrical and Electronics Intelligence (ATEEI'06) 6th and 7th October,2006 at Park College of Engineering, Coimbatore, Tamilnadu
3. The paper titled “Assessment of the number of voltage sags experienced by a distribution system for power quality analysis.“ was presented at the National conference on Advanced Technologies in Electrical and Electronics Intelligence (ATEEI'06) 6th and 7th October,2006 at Park College of Engineering, Coimbatore, Tamilnadu
4. The paper titled “A Novel approach for power quality Disturbances Classification using Support vector Machine” was presented at the National conference on Advanced Technologies in Electrical Engineering (NCATEE-2009) at SJB Institute of technology Bangalore on April 4th, 2009
5. The paper titled “Comparison of Lifting Wavelet Transform (LWT) and Stationary wavelet Transformer (SWT) in Power Quality” Analysis was presented at the National conference on Recent Advances in Electrical and Electronics Engineering (RAEEE-2009) at NIT Hamirpur, on Dec. 23-24-2009.
6. A paper title An Overview Of Power Quality Issues, Problems and Related Standards was presented in the National Conference On Recent Advancement In Engineering & Technology(RAET- 2011) at Dr.TTIT K.G.F on March 25, 2011
7. A paper titled” Application of Lifting Wavelet Transform for Power Quality Disturbance Analysis” was presented in the National Conference Conference On Recent Advancement In Engineering & Technology(RAET- 2011) at Dr.TTIT K.G.F on March 25, 2011
8. A paper titled” PQ Improvement in HVDC Systems by using Hybrid filter” was presented in the National Conference on Recent Trends in Electrical & Electronics Engineering (NCRTE-11) at M.S.College of Engineering, Bangalore on October 21, 2011
9. A paper titled” A new control strategy for active power filter for power quality improvement in a wind energy system” was presented in the National Conference on Recent Trends in Electrical & Electronics Engineering (NCRTE- 11) at M.S.College of Engineering, Bangalore on October 21, 2011
10. A paper titled "Grid computing SCADA" was presented in state level paper presentation competition at Saphthagiri college of Engineering on 31st march 2012
11. A paper titled "Active Filters for the Improvement of Power quality" was presented in the national conference on Neoteric in electrical and Electronic Engineering- NEE-12 at Rajarajeshwari College of Engineering Bangalore on 9th & 10th May 2012
12. A paper titled "Detection of Stator Winding Faults in Three Phase Induction Motor by Wing Technique Approach" was selected for the national conference on “Neoteric in electrical and Electronic Engineering- NEE-12” to be held at Rajarajeshwari College of Engineering Bangalore on 9th & 10th May 2012

13. A paper titled "Modeling of Synchronous Machine with Excitation system in Stability Study for Power System" was selected for the national conference on "Neoteric in electrical and Electronic Engineering- NEE-12" to be held at Rajarajeshwari College of Engineering Bangalore on 9th & 10th May 2012

14. A paper is presented Titled "A Novel Approach for Power Quality Improvement In UPFC Applications" in National conference, Emerging Trends in Engineering & Technology dated May 11, 2013 at Sapthagiri college of Engineering, Bangalore

15. A paper titled "Optimization Methods In Power System-An Overview" was presented at the National conference on Recent trends in Electrical Engineering (RTEE-2013) on May 8, 2013 at Sri Krishna Institute of technology, Bangalore.

16. A paper titled "A Comparative Study among The Different Methods to Reduce Ripples In Multiphase Buck Converters" was presented at the National conference on Recent trends in Electrical Engineering (RTEE-2013) on May 8, 2013 at Sri Krishna Institute of technology, Bangalore.

17. A paper titled "Power Quality Issues On Cost Optimization, Problems and Their Mitigation" was presented at the National conference on Recent trends in Electrical Engineering (RTEE-2013) on May 8, 2013 at Sri Krishna Institute of technology, Bangalore.

18. A paper titled "**FPGA implementation of fault disturbance Classification using fuzzy logic**" was presented in national conference on Global trends in electrical and electronics engineering (NCGEE-15) at Sri Krishna institute of technology, on 17th April-2015.

19. A paper titled "**Performance analysis of multiphase buck converter for vrms using phase shedding technique**" was presented in national conference on Global trends in electrical and electronics engineering (NCGEE-15) at Sri Krishna institute of technology, on 17th April-2015.

20. A paper titled "**A new technique for power quality and reliability Improvement in distribution system**" was presented in national conference on Global trends in electrical and electronics engineering (NCGEE-15) at Sri Krishna institute of technology, on 17th April-2015.

21. A paper titled "**An advanced power apparatus to enhance the power quality**" was presented in national conference on Global trends in electrical and Electronics engineering (NCGEE-15) at Sri Krishna institute of technology, on 17th April-2015.