

CURRICULUM VITAE

Dr. G.V. Prasanna Anjaneyulu

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CAREER OBJECTIVE

To be part of an organization where i can productively, constructively and positively contribute working on the state of art technologies.

ACADEMICS

ENGINEERING

Ph. D:	Electrical Engineering (APRIL – 2019) S.V.University, Tirupathi
M.TECH:	Electrical Engineering (2007-09)
Specialization:	Industrial Power (C.C.I.P)
CGPA:	8.91 (C.G.P.A)
Grade:	First class with distinction
COLLEGE:	NIT - CALICUT.
B.E:	Electrical & Electronics Engineering.
AGGREGATE:	71.25%
Grade:	First class with distinction (2001-2005)
COLLEGE:	Andhra University College of Engineering, Vishakhapatnam.

PRE- ENGINEERING

Diploma:	Govt Polytechnic for boys, Nellore
PERCENTAGE:	79.5%. (1997-2000)
Grade:	First Class with Distinction
COLLEGE:	GOVT POLYTECHNIC FOR BOYS, NELLORE

EXPERIENCE (Teaching)

- Currently working as a Assoc. Professor in E.E.E Department of RVR & JC Engineering College, Chandramoulipuram, Chowdavaram, Guntur A.P. since 06th June 2019.
- Worked as an Assoc. Professor in E.E.E Department, Tirumala Engineering College NARASARAOPETA, A.P. from 1st June 2012–31st May 2019.
- Worked as an Asst. Professor in E.E.E Department of E.V.M College Engineering & Technology, NARASARAOPETA, A.P. from May 2009 – May 2012.
- Worked as an Asst. Professor in E.E.E Department of VRS & YRN College of Engineering & Technology., CHIRALA. A.P. from May 2005 – October 07.

EXPERIENCE (Industry)

- One year as an Engineering Trainee in Visakhapatnam Port Trust (V.P.T), VIZAG, A.P

INTERNATIONAL JOURNALS / PUBLICATIONS

- [1]. K. Ravi Chandrudu, Dr. P. Sangameswara Raju, GVP. Anjaneyulu “*On Chip Implementation of Z – Source Inverter Fed Induction Motor Drive*”, International Journal of Advanced Engineering Sciences and Technologies, Vol - 6. Issue No. 1, pp: 015 – 021, 2011.
- [2]. K. Ravi Chandrudu, Dr. P. Sangameswara Raju, GVP. Anjaneyulu “*Case study of Embedded EZ – Source Inverter & Comparison with Z – Source Inverter*”, International Journal of Advanced Engineering Sciences and Technologies, Vol-6. Issue No. 2, pp: 224 – 229, 2011.
- [3]. K. Ravi Chandrudu, Dr. P. Sangameswara Raju, GVP. Anjaneyulu “*Performance of Z – Source & EZ – Source fed Inverter fed Induction motor Drives*”, International Journal of Research India publications, Vol - 5, Issue No.3, pp: 234 – 345, 2011.
- [4]. K. Ravi Chandrudu, Dr. P. Sangameswara Raju, GVP. Anjaneyulu “*EZ – Source fed Induction Motor drive: An Experimental Investigation*”, International journal of Engineering, science and Technology, Vol 3, Issue No – 8, pp: 6817 - 6823, 2011.
- [5]. P. Yohan Babu, P. Surendra Babu, K. Ravi Chandrudu, GVP. Anjaneyulu “*Power Factor Improvement with High Efficiency Converters*” IOSR Journal of Engineering, May. 2012, Vol. 2(5) pp: 1000-1006.

- [6]. Abdul Kalam Sk, G V Prasanna Anjaneyulu “*Multilevel based STATCOM for PQ Enhancement*” International Journal of Advanced and Innovative Research (2278-7844) / #35 / Volume 2, Issue 10,2013, pp: 35-39.
- [7]. Dr. K. Ravi Chandrudu, K. Anusha, P. Yohan Babu, G.V. Prasanna Anjaneyulu “*A Distinct Multipulse – Multilevel Converter for Especial Applications*” International Journal of Scientific & Engineering Research, Volume 4, Issue 9, September-2013, pp: 1475-79.
- [8]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “Performance Evaluation of Eight Bus System Employing Unified Power Quality Conditioner” International Journal Of Electronics Circuits And Systems IJECES, ISSN : 2277 – 5870, Vol 5, issue 1, Jan 2016, pp. 8-15.
- [9]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “Power Quality Improvement in fourteen bus system using UPQC” International Journal of Electrical Engineering, ISSN 0974-2158, Volume 8, Number 4 (2015), pp: 419-431.
- [10]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “Improvement of the Voltage Stability in the Thirty Bus System Employing Wind Generation using UPQC” International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 17 (2015) pp 37373-37378.
- [11]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “Modelling and Simulation of Fifty Bus system with Solar Based Multiple UPQC’s” IOSR Journal of Electrical and Electronics Engineering, e-ISSN: 2278-1676.Vol.11, Issue 5, Ver-1 (Sep-Oct 2016), pp: 51-58.
- [12]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju, “ Fuzzy Logic Controlled Inter Leaved Boost Converter fed Unified Power Quality Conditioner System” International Journal of Electrical Engineering & Technology (IJEET) IAEME Publication, Volume 8, Issue 3, May-June 2017, pp. 15–23.
- [13]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju, “Proportional Resonant controller based Inter Leaved Boost Converter fed Unified Power Quality Conditioner System” International Journal of Engineering and Technology ISSN print: 2319-8613, ISSN Online: 0975-4024, Vol 9 No 3 Jun-Jul 2017, pp: 2628-2636.
- [14]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “Comparison of Two Inductor Boost Converter and Interleaved Boost Converter Based Unified Power

Quality Conditioner” Journal of Science and Technology *Volume 2, Issue 8*, pp: 01-12.

- [15]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “Comparison of Time Responses of PI and Fractional Order PID Controlled ILBC Fed UPQC Systems” International Journal of Control Theory and Applications, ISSN: 0974-5572, Volume:10, No. 39, 2017, pp: 251- 259.
- [16]. R. Hothri., G.V. Prasanna Anjaneyulu, “*Grid Synchronised PV -System Analysis &Characteristics for Non Linear Loads And Analomous Situations*” International Journal of Electrical and Electronic Engineers. ISSN 2321-2055 Vol. No.9, Issue-1, January – June 2017, pp: 127-133.
- [17]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju, “ *Steady State Comparative Performance Analysis Of ILBC-UPQC System With PI And PR Controllers*” International Journal of Research in Advent Technology, Special Issue, March 2019 E-ISSN: 2321-9637, pp: 83-88.
- [18]. G V Prasanna Anjaneyulu,R. Hothri,Sk. Abdul Kalam,Sk. Johny Begam, “ *UPQC Based Two - Bus System Harmonic Analysis Comparison With UPFC*” International Journal of Research in Advent Technology, Special Issue, March 2019 E-ISSN: 2321-9637, pp: 559-562.

INTER NATIONAL CONFERENCES

- [1]. K. Ravi Chandrudu, Dr. P. Sangameswara Raju, GVP. Anjaneyulu“*Comparative analysis of Induction Motor with Z – Source & EZ – Source fed Inverter systems*”, ICNEAC – 2011, 8th – 9th July, Vol – 3, pp: 222 – 226.
- [2]. K. Ravi Chandrudu, GVP. Anjaneyulu, P. Yohan Babu “ *Design and performance of a Bidirectional isolated DC-DC converter for Renewable Power System*” International Conference on Electrical Engineering (ICEE – 2013), July 6-7, 2013, pp: 12-18.
- [3]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “*Harmonic Reduction in Fourteen Bus System by Using Unified Power Quality Conditioner*” 3rd International Conference on Recent Innovations in Science Engineering and Management (ICRISEM-16) ISBN: 978-81-932074-1. 27th February 2016, pp: 433-438.
- [4]. G.V. Prasanna Anjaneyulu, SK Abdul Kalam, “BLCL ULTRA EFFICIENCY DUAL ENERGY OUTPUT (MOTOR & GENERATOR) WITH 12V DC” in International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT-

2016) with IEEE, ISBN: 978-1-4673-9939-5 [16], 3rd to 5th , March 2016, pp:2240-2244.

- [5]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “*Design of Fifty Bus System with Multiple UPQCs*” International Conference on Recent Trends in Science, Technology and Management, (ICRTSTM-16) ISBN: 978-93-86171-05-4. 4th September -16, pp: 198-206.
- [6]. R. Hothri., G.V. Prasanna Anjaneyulu, “*Grid Synchronised PV -System Analysis & Characteristics for Non Linear Loads And Anomalous Situations*” 3rd International Conference on Innovative Trends in Science, Engineering and Management (ICITSEM-17). ISBN: 978-93-86171-27-6, 7th January 2017, pp. 142-148.
- [7]. G.V. Prasanna Anjaneyulu, Dr. P. Sangameswara Raju, “ *Steady State Comparative Performance Analysis Of ILBC-UPQC System With PI And PR Controllers*” International Conference on Technological Emerging Challenges (ICTEC-2019) Available online at www.ijrat.org, March 2019 E-ISSN: 2321-9637, pp: 83-88.
- [8]. G V Prasanna Anjaneyulu,R. Hothri,Sk. Abdul Kalam,Sk. Johny Begam, “ *UPQC Based Two - Bus System Harmonic Analysis Comparison With UPFC*” International Conference on Technological Emerging Challenges (ICTEC-2019) Available online at www.ijrat.org, March 2019 E-ISSN: 2321-9637, pp: 559-562.

NATIONAL CONFERENCES/SEMINARS

- [1]. K. Ravi Chandrudu, G.V. Prasanna. Anjaneyulu“*Performance Optimization of Induction motor using Wavelet Networks*”, NCEEE – 2010, 11th- 12th June, Vol -1, pp – 174 -179.
- [2]. K. Ravi Chandrudu, G.V. Prasanna. Anjaneyulu“*Studies in the Application of Intelligent Controllers for Industrial Automation*”, NCEEE – 2010, 11th- 12th June, Vol -1, pp – 188-196.
- [3]. K. Ravi Chandrudu, G.V. Prasanna. Anjaneyulu “*Improvement of Low speed operation performance & Optimization design of Wavelet Network for estimation of Flux and Torque in Induction Motor system*” RACE - 2010, 17th July, Vol -1, pp –1-5.
- [4]. K. Ravi Chandrudu, G.V. Prasanna. Anjaneyulu“*Simulation of Z – Source Inverter fed Induction motor and Comparison with Traditional Source Inverter systems*”, RTPPEEP – 2011, 18th– 19th March, vol -1, pp: 24-28.

- [5]. K. Ravi Chandrudu GVP. Anjaneyulu, , Dr. P. Sangameswara Raju, “*Hardware Design of Low Harmonic content Inverter for 3 – ϕ Induction Motor Drive*” RPACE – 2011, 16th– 17th December, Vol - 1. pp: 29 – 32.
- [6]. K. Ravi Chandrudu, G.V. Prasanna. Anjaneyulu “*Design and modeling of double sided LSRM*” National Conference on Emerging and Innovative Trends in Electrical Engineering (NEITE), 27-28 September 2013.
- [7]. G V Prasanna Anjaneyulu, Sk Abdul Kalam, K Anusha “*Power Quality Improvement using 3 & 5 Multi Level STATCOM*” National Conference on Emerging and Innovative Trends in Electrical Engineering (NEITE), 27-28 September 2013.
- [8]. G V Prasanna Anjaneyulu, Sk Abdul Kalam, “*Design and application of distinct multilevel multipulse converters*” National Conference on Emerging and Innovative Trends in Electrical Engineering (NEITE), 27-28 September 2013.
- [9]. G V Prasanna Anjaneyulu, Dr. P. Sangameswara Raju “*Power System Network Power Quality Improvement with Unified Power Quality Conditioner*” National Conference on Recent Trends in Science Engineering & Management (NCRSEM 2016), 29-30 January 2016. ISBN: 978-81-932074-1-3, pp. 433-438.

WORK SHOPS PARTICIPATED

- ❖ Participated in one day work shop on “The NPTEL Workshop” conducted on 19th Jan-2019 by IIT Madras at IC & SR. IIT-MADRAS.
- ❖ Participated in one day work shop on “SWAYAM – NPTEL awareness Workshop” Jointly organized by NPTEL – IIT Madras & RVRJC College of Engineering Guntur, 7th December, 2018.
- ❖ Participated in one day Seminar on “NI Engineering Education & Research Seminar” at Fortune Murali Park, 40-1-28, MG Road, Labbipet, Vijayawada on 29th June 2018..
- ❖ Participated in five day Work shop on “Real Time Control of Electrical Machine Drives with DSPACE and FPGA” Organized by Department of Electrical Engineering, VFSTR University, Vadlamudi, Guntur, A.P., 1ST to 5th June, 2016.

- ❖ Participated in three day Work shop on “*Recent Trends in Power System Protection*” Organized by Department of Electrical Engineering, NIT Warangal by TEQIP-II, 27-29, November 2014.
- ❖ Participated in three day workshop under TEQIP – II “*Recent Trends in Renewable Energy Sources and Grid Integration Issues*” Organized by Department of Electrical & Electronics Engineering, SVECW, 26 – 28 December 2013.
- ❖ Participated in two day national work shop on “*Model Based Design for Power Electronics & Embedded Systems*” conducted by Department of Electrical & Electronics Engineering, R.V.R & J.C College of Engineering, Guntur, A.P., 12-13 December 2013.
- ❖ Participated in one day national level work shop on “*SMART GRID TECHNOLOGIES, ISSUES AND CONCLUSIONS (SGTIC)*”, conducted by Department of Electrical and Electronics Engineering, S.V. University College of Engineering, S.V. University, Tirupathi, A.P., Aug 20th, 2011.

FDP’S ATTENDED

- ❖ Participated in Six Day Faculty Development Programme on “VLSI Design-FINFIT technology” Organized by Department of Electronics& Communication Engineering, Tirumala Engineering College, Narasaraopeta, Guntur, A.P., held on 13th – 19th November 2018.
- ❖ Participated in Five day continuing education program on “Research Simulation and Analysis of Modern Power System Issues” Organized by Department of Electrical Engineering at NIT Warangal. Telegana State. India. 5th – 9th November 2018.
- ❖ Participated in Two Day Faculty Development Programme on “ASIC Design Flow Using Mentor Graphics: Organized by Department of Electronics& Communication Engineering, Tirumala Engineering College, Narasaraopeta, Guntur, A.P., held on 21st& 22nd June 2016.

CERTIFIED COURSES

- ❖ Successfully Completed the course “Control Engineering” Jan – Apr 2019 (12 week course) organized IIT – Madras, funded by the ministry of HRD, Govt. of India

CERTIFICATION OF APPRECIATION

- ❖ Part of Organizing team for the National Level **Nanotechnology Workshop** Organized by IEEE Student Branch at NIT Calicut, Kerala section on 23-24 February, 2008.
- ❖ Part of **IEEE Student Branch member** at National Institute of Technology, Calicut for the year 2008-09.

CITATIONS/AWARDS

- [1]. For Services as Assoc. Professor in EEE Department to the Tirumala Engineering college, “**Best Teacher for the academic year 2012-13**”

INDUSTRIAL TRAININGS

- [1]. 1 week training programme on “**INDUSTRIAL AUTOMATION**” from Industrial group at department of EE at NIT Calicut, Kerala.

MEMBER SHIPS

- Life Member in The Indian Society for Technical Education MISTE: LM118177
- As a IEEE student member in academic year 2008 – 09
- Acted as an Executive member in Industrial power group of National Institute of Technology, Calicut in 2009 -10.

STRENGTHS

Positive Self-Esteem, Active team player and Positive thinking.

SOFTWARE SKILLS

Languages: C.

Programming: MAT LAB & PSPICE.

PERSONAL DETAILS

NAME	G.V. PRASANNA ANJANEYULU
FATHER'S NAME	G. NAGARATNAM
DATE OF BIRTH	11-12-1981
PASSPORT NUMBER	H2286704
AADHAR NUMBER	9956 5605 8702
P.F. ACCOUNT NUMBER	GRGNT00499640000000119
SBI ACCOUNT NUMBER	30216064081 (SBI0001952)
ANDHRA ACCOUNT NUMBER	148310100127049 (ANDB0001483)
PAN NUMBER	AZSPP2780M
LANGUAGES KNOWN	ENGLISH and TELUGU
CONTACT ADDRESS	Flat NO: 112, Sri Sai Homes Appartment Madhura Nagar, Vissapalem NARASARAOPETA - 522601 GUNTUR (DISTRICT) ANDHRA PRADESH

Date:

Place:

(Dr. G. V. PRASANNA ANJANEYULU)