

Name: **Dr. G.V. Prasanna Anjaneyulu**

Designation: **Associate Professor**

Mail-ID: **anjaneyulu@rvrjc.ac.in**

Extension number: **407**

Date of Birth: **11/07/1981**

Date of Joining: **06/06/2019**

Educational qualifications: **B.E.,M.Tech.,Ph.D**

Professional Memberships: **MIE, MISTE**

Experience: **14 Yrs 6 MONTHS**

Industrial Experience: **1 Yr**

Teaching Experience: **13 Yrs 6 MONTHS**

Research Interests: **Power Quality Issues, FACTS - controllers**

Research work / Research papers published:

Journals:

- 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 IJECS, ISSN : 2277 – 5870, Vol 5, issue 1, Jan 2016, pp. 8-15.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- G V Prasanna Anjaneyulu,R. Hothri, 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.

International Conferences Participated:

- 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.
- 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.
- 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.

AWARDS/CITATIONS

- Received “**Best Doctorial Thesis**” Award Presented by India Independence Award – 2019 and granted by International Association or Research and Development Organization on 18th August 2019, at The International Centre Goa (INDIA).
- For Services as Assoc. Professor in EEE Department to the Tirumala Engineering college, “**Best Teacher for the academic year 2012-13**”.

Workshops /Seminars / Courses 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 awarness 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.