ABOUT THE UNIVERSITY
Sri Venkateswara University, Tirupati, is established in 1954 in the world famous temple town of Tirupati on the sprawling campus of 1000 acres with a panoramic and pleasant hill view. The University stands as a testimony to the wisdom and foresight of great visionaries Late Sri Venkateswara and late Sri T. Tanguturi Prakasam Pantulu, the then Chief Minister of Andhra and late Sri Neelam Sanjiva Reddy, to cater the educational needs and aspirations of the people of Rayalaseema area. With a great wisdom, the founder of this University have rightly coined the motto Wisdom lies in proper perspective for it. Right from its inception, the University has been laying more emphasis on teaching, research and extension activities in different subjects. The range of subject departments, courses and research programmes undertaken and promoted during the last 60 years reflect Sri Venkateswara Universities commitment in promoting socially relevant and inter disciplinary programmes. The University was started with six departments. Now The University has 4 constituent colleges concerning various conventional and advanced subjects, in order to provide good academic and smooth administrative service to one and all. The University has 54 departments, where in 72 different PG Courses and several Diploma and Certificate courses are being run with a total academic faculty strength of around 579 and 1500 non-teaching and a student strength of 5000, including research scholars.

ABOUT SVU COLLEGE OF ENGINEERING (A)
Sri Venkateswara University College of Engineering was established in the year 1959 in temple city of Tirupati, and has been a premier institute for higher learning, research, extension and consultancy in the back ward region of Rayalaseema. Since its inception, the college has been successfully maintaining and meeting national and international standards in higher education. With eminent scholars and men of letters serving the institution with dedication, the college has had a glorious history in producing good quality students in all fields spreading throughout the world with reputed positions. At present the college is offering B.Tech programs in Chemical Engineering, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering and Computer Science & Engineering and M.Tech programmes with ten specializations. Around 250 number of candidates were awarded Ph.D degrees and a good number of research works are in progress.

ABOUT THE DEPARTMENT
The department of Electrical and Electronics Engineering was established in the year 1959. It has been offering two under graduate courses in EEE & ECE, and three post graduate courses in Power Systems, Communication Systems and Instrumentation & Control Systems and later the Dept. of EEE was bifurcated as EEE and ECE in November - 2011. The Department of EEE offers one under-graduate course, one 6 year dual degree course (B.Tech+M.Tech) and one Post-graduate Course as Power Systems. Research scholars are pursuing Ph.D programmes in various specializations. The department is having highly qualified faculty with doctoral degrees. It has well established laboratories to cater to the needs of students.

ABOUT TIRUPATI
Tirupati is one of the famous pilgrimage centers in India which is located in the state of Andhra Pradesh. It is also a home town for many educational institutions to learn science, engineering and technology, agriculture, veterinary, medical and para medical, sanskrit and vedas. Prestigious Indian Institute of Science Education and Research(IISER), Indian Institute of Technology Tirupati(IITTP) are located in Tirupati and it is also surrounded by global. Industries like Amaraja Industries, S Printed, Lanco Industries, etc the weather is very cool & pleasant in the month of December.

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Authors are requested to submit soft copy of full paper (IEEE format not exceeding 6 pages) to email: icgptpg2016@gmail.com. The paper must be accompanied by complete details of authors, their affiliation and email ID. All the accepted and registered papers will be published in Conference proceedings. High quality research papers will be recommended for publication in reputed journals.

KEY DATES
Full Paper Submission: 08.10.2016
Notification of Acceptance (by email): 15.10.2016
Camera ready paper submission: 18.10.2016
Registration: 22.10.2016

ADDRESS FOR CORRESPONDENCE
Dr. Ch. Chennagai, Professor, ICGPTPG-2016
Office No. : 08772249900
Email for correspondence: icgptpg2016@gmail.com

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- Electrical energy market, management & economics
- FACTS controllers & HVDC system
- Power quality issues and management
- Network communication and control
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- Design, development and placement of smart sensors in power system
- Grid optimization
- Static and dynamic component modeling
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- Power system security
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- Analysis and Design of Electrical Machines
- Hard switching and soft switching static power converters
- Biomedical Power Electronics
- Power Electronics in Emerging Technologies
- Power Electronics & Energy Conversion
- FACTS and HVDC Applications in Green Energy Systems
- Measurement & Instrumentation Systems
- Aerospace Power Applications
- Electric & Hybrid Vehicles Prediction
- Policies and Strategies for Renewable Energy Systems
- Advanced power semiconductor devices
- Soft switching, multilevel converters, matrix converters
- HFAC converters
- Advanced batteries, energy storage devices and systems
- Smart grid technologies, net metering, feed-in tariff
- Power converters modeling, simulation and control
- Electric machines in motion control and other
- Neural / Fuzzy Computing
- Swarm Intelligence/ Machine Learning
- Smart Grid Computing techniques
- Restructured Power System
- Process Control/ Embedded Systems /VLSI

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