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**Fourth National Conference on Green Technologies for Power Generation,
Communication & Instrumentation**

NGGPC'18



St. PETER'S
INSTITUTE OF
HIGHER EDUCATION
AND RESEARCH

IGNITE • INSPIRE • INNOVATE

(Deemed to be University,
U/S 3 of the UGC Act, 1956)

Wireless
Communication and
Technology

Multimedia
Systems

IOT,
Cloud and green
computing

Optical
Networks
and
Systems

03rd April 2018

Department of ECE

St.Peter's Institute of Higher Education and Research
(Declared under section 3 of the UGC ACT 1956)
Avadi Chennai - 600 054
Mobile: 8190995500

Organized by

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About the Institution:

SPIHER is a Deemed to be University declared u/s 3 of the UGC Act,1956. It was earlier functioning as St. Peter's Engineering College which was established in the year 1993 and affiliated to Anna University, Chennai, with all the eligible programmes accredited by NBA AICTE, New Delhi. The institution is now poised with greater thrust for high quality education and innovating programmes leading to research and development.

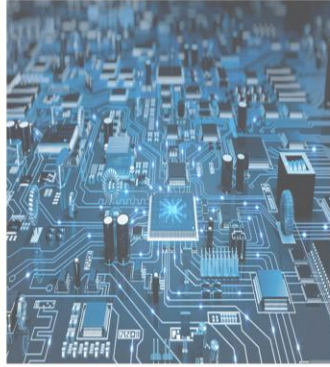
It is situated in a spacious area between Annanur and Avadi Railway station and it is well connected with frequent bus and rail transport. In addition, our University is running its own transport between University and different parts of city.

About the department:

Department of Electronics and Communication Engineering was established in the year 1993, with an intake of 60 students. The department has produced several university ranks including University first rank in the year 2004. The students intake of UG was increased to 120 in the year 2005. To promote higher education, a Post graduate Programme M.E (Applied Electronics) was started in the same year. In 2013 the Dept. has started another PG degree Programme M.E., in the discipline of Communication Systems. The department also offers Research Programme.

Electronics and Communication Engineering (ECE) is a swiftly advancing field, with new ideas emerging every other second. From mobile phones to fiber optics and remote sensing, there are exciting avenues to explore and create. The ECE department at St.Peters University prepares students for careers in this constantly evolving discipline, pursue leadership, technical, and management positions in a variety of industries. Students have obtained placements at leading companies. Some are pursuing their higher studies in prestigious institutions in India and abroad. The ECE Department holds national and international conferences that function like informal think tanks. Faculty and students benefit from guest lectures on the latest innovations in both established and emerging fields.

Campus interviews are conducted every year by leading software and hardware companies. The department has got well equipped Laboratories and Computer facilities along with high speed Internetwork.



ABOUT THE CONFERENCE

Recently the concern on power generation is growing rapidly, as power consumption increasingly becomes a global problem. Green Power Conferences are dedicated to bring research and development in academia, industry and in government agencies. Green Powerseeks to solve the urban waste problem by utilising local technologies to generate power. The objective of the conference on "Green Technologies in power Generation, communication & Instrumentation-2018" is to promote an intense dialogue between academia and industry and to bridge the gap between academic research and industry initiatives in the field of power generation for sustainable energy. The conference envisages a discussion on low power algorithms in electronics and communication engineering through keynote speeches, invited talks and industry exhibits, where academia is exposed to interoperability of diversified fields of engineering. Different vertical industries in power generation, health care, automotives, robotics & sensors, mobile communications and Ad-hoc networks would be exposed to power awareness in their respective fields.



CALL FOR PAPERS

Topics of interest are not limited to,

- *IOT, cloud and green computing*
- *Multimedia System*
- *Wireless Communication and Technologies*
- *Optical Networks and Systems*
- *Speech, Image and Video signal Processing*
- *VLSI and Embedded systems*
- *Soft computing, Fuzzy logic/Neural Network*

INSTRUCTIONS TO AUTHORS

Original contribution of ongoing research and unpublished research works/ outcomes are expected. Prospective author(s) are required to submit their research papers, in the IEEE paper format, not exceeding six pages. Send the paper through mail to icgpc@stpetersuniversity.org.

- *Papers reviewed by the experts will be selected based on technical novelty and practical relevance.*
- *Papers accepted for presentation will be presented orally and will be published in the proceedings of the conference.*

Important dates

Last date for submission :

26th March, 2018

Intimation of Acceptance:

28th March, 2018

Submission of Camera ready paper and registration :

30th March , 2018

Date of Conference :

3rd April, 2018

Registration Fee

Proceedings only : Rs.1000

Assistance to publish UGC approved Journal, Scopus and Annexure-I Journals will be given

Registration

- Registration is compulsory for presentation and participation. co-authors should also register.
- The registration fee includes conference proceedings, lunch and refreshments.
- Research Papers should be sent to the e-mail icgpc@stpetersuniversity.org in the Single line format along with the registration fees.
- Demand Draft drawn in favor of the "St. Peter's Institute of Higher Education and Research" .

Scopus Journals

1. Journal of Advanced Research in Dynamical and Control Systems

- **Publisher: Institute of Advanced Scientific Research**
- **ISSN:1943-023X**
- **Subject area: Engineering: General Engineering Computer Science: General Computer Science**

2. International Journal of Pure and Applied Mathematics

- **Publisher: Academic Publications Ltd.**
- **ISSN:1311-8080E-ISSN:1314-3395**
- **Subject area: Mathematics: General Mathematics Mathematics: Applied Mathematics**

3. Journal of Information and Communication Technology

- **Publisher:Universiti Utara Malaysia Press**
- **ISSN:1675-414XE-ISSN:2180-3862**
- **Subject area: Mathematics: General Mathematics Computer Science: General Computer Science**

4. International Journal of Engineering and Technology (UAE)

- **Publisher: Science Publishing Corporation Inc**
- **E-ISSN:2227-524X**

For further details contact 8190995500

Send mail to icgpc@stptersuniversity.org