



NATIONAL CONFERENCE
on
**ADVANCES IN POWER, CONTROL AND COMMUNICATION
SYSTEMS**
NCAPCCS-18 , April 21-22, 2018
National Institute of Technology, Kurukshetra, Haryana - 136119

Patron

Padma Shri Dr Satish Kumar
Director

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HOD, ECE
Prof. Lillie Dewan

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Prof. V. K. Jain, IITD
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Prof. G. N. Pillai, IITR

INTRODUCTION

Department of Electronics and Communication Engineering, National Institute of Technology, Kurukshetra takes immense pleasure in organizing a National Conference on Advances in Control, Power & Communication Systems (NCAPCCS-2018) during April 21-22, 2018. The NCAPCCS-18 conference is technically co-sponsored by the NIT Kurukshetra. The main theme of NCAPCCS-18 is “**Technology for a Green World**”. The Conference will be a platform to focus on the core technological advances, research developments in Electrical Engineering, Electronics Engineering, Instrumentation and Control, Computer Science and Information Technology, Communication Systems and other emerging technologies. NCAPCCS-18 aims to provide an opportune forum and vibrant platform for Researchers, Academicians, Scientists and Industrial Practitioners to share their original research work, patents, findings and practical development experiences on the specific new challenges and emerging issues confronting the nation.

ABOUT KURUKSHETRA

Kurukshetra is a place of great spiritual significance deeply steeped in history and mythology where Lord Krishna delivered the divine message of "Shrimad Bhagwad Gita". It is one of the premier centre of pilgrimage attracting devotees in a steady stream all-round the year. Kurukshetra is a very well connected by Rail (Delhi-Karnal-Ambala section), by Road (NH1 which connects Delhi-Chandigarh-Amritsar-Jammu) and by Air (Delhi 160 Km and Chandigarh 80 Km). The NIT Campus is about 10 km from Pipli, which is situated on NH1, and about 4 km from Kurukshetra railway station.

ABOUT THE ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

The Department offers NBA Accredited 4 years B. Tech program in ECE with various electives leading to sub-specialization in Communication, VLSI, Signal and Image Processing etc. M. Tech and Ph. D programs are offered to provide opportunity to the students to do research in various niche areas of ECE stream. Various research projects from MHRD and DRDO are being pursued in the Department. The Department endeavours to provide interdisciplinary support to various engineering streams for exploring various applications of ECE.

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TOPICS OF THE CONFERENCE

The research papers for the conference are invited based on original work on the following broad Topics/ Areas:

Track I Signal and Image Processing	Track II Control Systems
<ul style="list-style-type: none">• Digital Signal Processing• Adaptive Signal Processing and Control• Information Processing and Coding• Image Synthesis• Optical Character Recognition• Bio Medical Signals• Pattern Recognition	<ul style="list-style-type: none">• Micro Electronics• Embedded Systems• Industrial Informatics and Robotics• Control System Analysis and Design• Sensors and Actuators• Human Machine Interface• PLC
Track III Power Systems	Track IV Communication & Networking Systems
<ul style="list-style-type: none">• Power System Dynamics, Analysis and Control• Power System Modeling and Simulation• Control Techniques in Power Systems• Power Quality• Electrical Machines and Drive System• Smart Grid and Microgrid• Renewable Energy and Hybrid Electrical Systems	<ul style="list-style-type: none">• Computational Intelligent System• Wireless & Mobile Communications• Information System Security• Internet of Things• Channel Modeling• Ultra- Wideband Systems• Wireless Sensor Networks• Green Networks

GUIDELINES FOR AUTHORS

Contributed papers on original and unpublished research work are invited on the topics mentioned above. Strictly follow IEEE format for preparing the manuscripts of the research articles accessible at

https://www.ieee.org/conferences_events/conferences/publishing/templates.html

Use appropriate template at the above link based on the word processing environment used for preparing the manuscripts. The name of the presenting author should be marked with an asterisk (*) along with e-mail ID.

The decision for the oral/ poster presentation will be strictly followed as per approval of the technical programme committee. Submit only the electronic copy of the paper in .doc or .docx file format at E-mail address ncapccs18@gmail.com.

Extended versions of the selected papers will be published in UGC approved/SCOPUS indexed journals after peer review. Authors submitting papers are to mention name of the track in the subject.



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IMPORTANT DATES

- | | |
|--------------------------------------|---|
| ➤ Last date for submission of paper: | April 13, 2018 |
| ➤ Notification of acceptance: | April 09, 2018 April 13, 2018 onwards |
| ➤ Submission of final paper: | April 16, 2018 |
| ➤ Registration starts on: | April 13, 2018 |
| ➤ Last date for registration: | April 17, 2018 |
- ❖ *Registration after last date will be accepted with a late fee of Rs. 500/- over and above normal registration fee.*
 - ❖ *On-spot registration will be accepted with an additional fee of Rs. 700/- including late fee*

REGISTRATION FEE

Student Delegate	Rs. 2000*
Delegate from Academic Institutions	Rs. 3000
Delegate from Industry	Rs. 5000

*A reduction of Rs. 500/- will be offered to the authors submitting two papers out of the total registration fee of Rs. 4000/-

The registration fee can be paid online through **SBI Collect** or through Demand Draft in favour of **Director, National Institute of Technology, Kurukshetra** payable at **Kurukshetra or Cash at the time of registration.**

ACCOMMODATION

Limited accommodation is available in the Institute guest house and hostels on payment basis. There are good hotels near by the Institute; reservation can be made in advance on request.

SPONSORSHIP OPPORTUNITIES

Excellent and Rewarding Sponsorship Opportunities for industry/vendors in various categories; **Diamond (1 lakh or more), Golden (50 thousand or more), Silver (20 thousand or more), Bronze (others).**

Sponsors will get benefits like showcasing of their services & products etc., excellent networking opportunities, acknowledgements at various forums and prominent displays of their logos and taglines etc.

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REGISTRATION FORM

- 1) Name :
- 2) Designation :
- 3) Institution/Organization :
- 4) (a) Address for Communication :
- (b) E-mail :
- (c) Contact No. :
- 5) Registration Fee Details :
- (a) Amount :
- (b) DD No. & Date :
- (c) Name of the Bank :
- 6) Accommodation required (Y/N) :
(Please specify the dates)
- 7) Presenting paper (Y/N) :

Note: The registration fee can be paid online through **SBI Collect** or through Demand Draft in favour of **'Director, National Institute of Technology, Kurukshetra'** payable at **Kurukshetra or Cash at the time of registration.**

(Signature of the candidate)

Please send the registration form along with DD to the following address:
Chairperson/ Secretary –NCAPCCS-2018
Department of Electronics and Communication Engineering
National Institute of Technology Kurukshetra
Kurukshetra 136119 Haryana