



International Conference on Signal Processing and Communication, 2018 ICSC-2018

March 21st to 23rd, 2018

Jaypee Institute of Information Technology, NOIDA



ICSC-2018 @JIIT Noida

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Prof. Banmali S. Rawat, University of Nevada, USA
(Communication)

Prof. Rajiv Saxena, Director, Jaypee University, Anoopshahr (Signal Processing)

Dr. Sanjeev Manhas, IIT, Roorkee (VLSI Technology and Embedded Systems)

Keynote Speakers

Prof. Banmali S. Rawat, University of Nevada, USA

Prof. Thomas Otto, Franhauffer, Chemnitz University of Technolgy, Germany

Prof. Reinhard Streiter, Chemnitz University of Technolgy, Germany

Prof. Michal Lesňák, VŠB-TU Ostrava, Czech Republic

Prof. Rajiv Saxena, Jaypee University, Anoopshahr

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PREAMBLE

Signal processing consists of representation and transformation of signals and the information that they carry. Over the years, signal processing has immensely developed to provide phenomenal growth in the area of microchips, digital systems and computer hardware.

The applications of signal processing are vast and interdisciplinary-ranging from engineering to economics and astronomy to biology. The research in areas such as signal coding and denoising have paved the path for these advancements.

Recent decade has witnessed major revolution in communication and processing of digital media. As a consequence, solution to major problems in processing, transmission and reception have made signal processing an integral part of modern electronic and communication systems.

Communication on the other hand plays major role in our day to day life. The communication technology helps in the advancement of modern systems to meet our need of efficient exchange of ideas. The current research includes the areas of cognitive radio and IOT.

There is a need for providing a forum to scientists and researchers to discuss and put forward their ideas and research findings with the co-researchers from all over the world. ICSC 2018 will provide an opportunity to highlight recent developments and to identify emerging and future areas of growth in these fields. It will further give impetus to the researchers for proposing novel efficient techniques.

Keynote speakers with their vast research experience in various research fields will generate interest among participants for development of signal processing and communication engineering technology. With the participation of several experts and their diverse areas of research, it is expected that the conference will help in meeting the future challenges of industry, academia and research.

Authors are invited to submit original unpublished manuscript that demonstrates the recent advances in the following areas of interest, but are not limited to:

Signal Processing

Signal Processing for Communication
Image & Video Signal Processing
Medical Imaging
Image Forensics
DSP Algorithms & Architectures
Pattern Analysis & Classification
Large Dimensional Signal Processing
Compressive Sensing
Statistical Signal Processing
VLSI for Digital Signal Processing
Speech & Audio Processing
Biomedical Signal Processing
Optimization Techniques
Inference over Distributed Networks
Signal Processing for Big Data

Communication

Communication Theory & Systems
Information Theory & Coding
Wireless, Mobile & Vehicular Communication
Satellite Communication
Cooperative Communication
Cognitive Radio
Optical Communications & Networks
RF & Microwave Communication
Smart Grid Communication
VLSI for Communication
Telecommunication Networks
Emerging areas in Communication

VLSI Circuits and Design

Device Technology, Modeling and Simulation
Analog/Digital and Mixed Signal Circuits and Systems
Low power Circuits and Systems
Devices and Circuits for RF Communication
VLSI for Biomedical Signal Processing
MEMS



CALL FOR PAPERS

All Accepted Papers will be published in "Book Series Lecture Notes in Electrical Engineering" as The Advances in Signal Processing and Communication-Select Proceedings of ICSC 2018

(Papers submitted should be in Springer Chapter Format)

Authors should submit their papers online at [https://edas.info/
newPaper.php?c=23890](https://edas.info/newPaper.php?c=23890)

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- Full Paper Submission Deadline : 24th January, 2018**
- Notification of Acceptance : 15th February, 2018**
- Final Paper Submission : 26th February, 2018**

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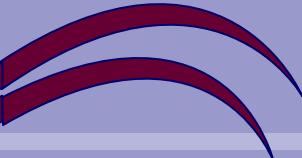
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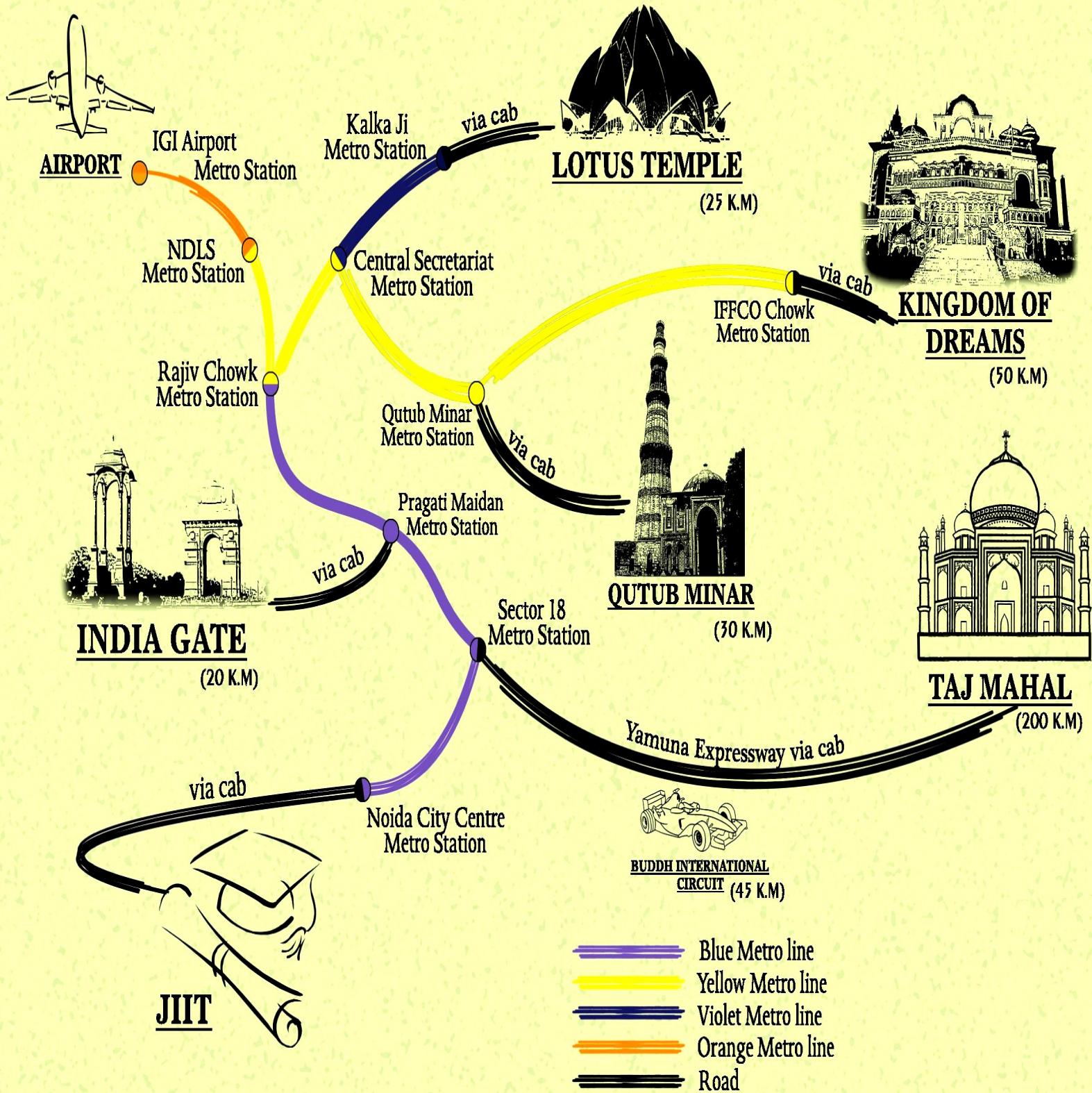
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