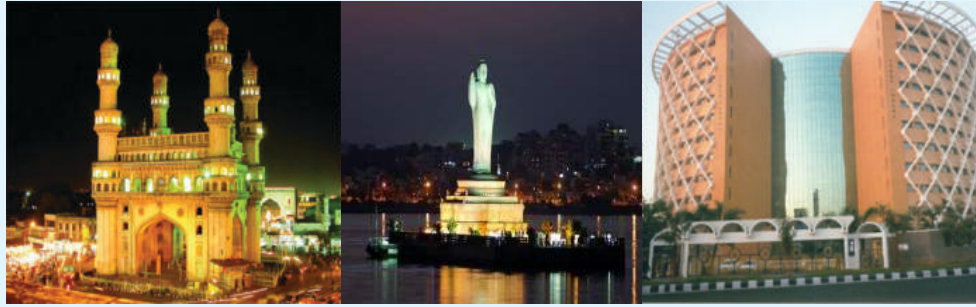


8th INTERNATIONAL CONFERENCE ON INNOVATIONS IN ELECTRONICS & COMMUNICATION ENGINEERING (ICIECE - 2019)

August 2 - 3, 2019

ABOUT HYDERABAD



Hyderabad is the capital and largest city of the Indian state of Telangana, a major upland region of the Deccan, Peninsular India. Hyderabad city has a moderate climate throughout the year. It has a unique combination of tropical wet and dry climate that borders on a hot dry climate. The Pearl City, Hyderabad with its unmatched blend of history and modernity, hypnotizes everyone whoever sets their foot in this beautiful city of Nizams. With a history as old as 400 years and the status of metropolitan city, Hyderabad promises a unique refreshing experience to all. The city of Hyderabad depicts an interesting confluence of the traditional and the modern, the past and the present.

Hyderabad offers variety of tourist attractions ranging from Heritage Monuments, lakes and parks, gardens and resorts, museum to delectable cuisine and a delightful shopping experience.

The city is noted for its monuments which include the masterpiece of Charminar, the fort of Golconda, Chowmahalla Palace, Qutub Shahi Tombs, Falaknuma Palace etc. Apart from historical places, other tourist attractions are Ramoji Film City, Hussain Sagar Lake, Birla Planetarium, Salar Jung Museum, Snow World, Lumbini Park, NTR Gardens, Chilkur Balaji Temple and many more.

Hyderabad is a hub of trade & commerce and an international centre for information technology (IT) also. Hyderabad Information Technology and Engineering Consultancy (HITEC) City, is a major global information technology hub, and the largest bioinformatics hub in India. Hyderabad has emerged as the second largest city in the country for software exports.

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IMPORTANT DATES

Paper Submission : **2nd May, 2019**
Acceptance Notification: **3rd July, 2019**
Final Submission : **10th July, 2019**
Last date of registration : **17th July, 2019**

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August 2 - 3, 2019

CALL FOR PAPERS



- All accepted paper will be published in conference proceedings.
- Selected paper will be published in Springer Lecture Notes Scopus indexed.
- Extended version of papers will be published in IJIECE.
- previous proceedings:

<https://www.springer.com/in/book/9789811038112>

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Organized By
Department of Electronics & Communication Engineering

Guru Nanak Institutions

Ibrahimpattanam, R. R. Dist - 501506, Hyderabad, Telangana, India.

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ABOUT GNI

Guru Nanak Institutions, Hyderabad is one of the premier institutions, established in 2001 with strong Vision and Mission. Institute is approved by AICTE, Autonomous under JNTU Hyderabad. The institution is NAAC accredited twice with A+ grade and all departments are NBA accredited for the third time. The institution offers Graduate, Postgraduate courses in Engineering, Management and Pharmacy. More than 9000 students from all over the country including 300 plus international students from various countries are part of the academics. GNI is famous for strong team of faculty members, imparting academic through innovative teaching and research. GNI have the excellent Infrastructure, includes separate building for every department with well equipped laboratory, Centre of Excellence, residential accommodation for more than 2500 boys/girls and teaching fraternity. The ambience of campus is serene and pristine. The academic blocks are inter spaced with vast green patches of lawns giving soothing and rejuvenating atmosphere. Apart from academics, GNI is very much keen to promote cultural activities giving overall developments to students.

GNI Decode IT Park (Digital Engineering Center for offshore and Domestic Enterprises) is India's First IT Park within our Institution campus providing part time employment to current students from first year to final year and full time employment to Passed-out engineers. The Institution has been awarded "Best Place to Innovate" in UXINDIA-13 International Conference, at IIM Bangalore, "Excellent Innovative Institute in AP" award by Consortium of Communication Media and Infrastructure CCMIAI and "Award of Excellence".

HIGHLIGHTS OF GNI

- Placements Placements in Top-Notch Companies
- Microsoft Gold Agreement
- Tie up with Red Hat academy for UI/UX
- Tie up with Adobe for IoT & Cloud Computing
- MOU with International Universities
- Entrepreneurship Incubation Centre.
- Publishing three International Journals
- Research and Innovation Centre
 - a. Non-Destructive Evaluation
 - b. Solar Power Application developments
 - c. Software Development
 - d. Robotics & Industrial Automation
 - e. Centre of excellences for Big Data & Adobe.
 - f. Centre of excellences for Mobile Application Development
 - g. Centre of excellences for Computation Civil Engineering & AIRGIS
 - h. 3D Printing Rapid Prototyping
 - i. IoT Development Centre

ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering (ECE) was established in 2001 with initial intake of 60 to current intake of 300. The ECE department is equipped with state-of-the-art laboratories, excellent infrastructures and highly qualified experienced faculty member specialized in various thrust area (Signal Processing, Communication Engineering, VLSI, Embedded System, Microwave Engineering etc.). Department is committed to provide excellent environment for the students and faculty member to become a competent professionals. The department has excellence centre in Robotics, Embedded Systems, IoT and Image Processing to expose students and faculty member to the new technologies and innovative research. To promote research and development, department organizes International Conference "Innovations in Electronics and Communication Engineering (ICIECE)" every year and publishes a peer review bi-annual "International Journals of Innovations in Electronics and Communication". IoT Centre has tie up with Adobe and Embedded with Texas Instruments.

ABOUT CONFERENCE

8th International Conference on "Innovations in Electronics and Communication Engineering (ICIECE - 2019)" aims to provide an opportunity for researchers, scientists, technocrats, academicians and engineers to exchange their innovative ideas and research findings in the field of Electronics and Communication Engineering. The conference will provide interactive platform for the participants and other delegates from the academic and industry segments across India and globe to share their research experience, experiment break through or vision-trends.

The first seven editions of this conference: ICIECE - 2012, 2013, 2014, 2015, 2016, 2017 & 2018 were successfully conducted with more than 1600 delegates from India and abroad.

Selected papers of last three editions ICIECE - 2016, 2017 & 2018 are published by Springer Lecture notes (<http://www.springer.com/in/book/9789811038112>). In addition to large number of research papers received from India, around 80 research papers were also received from across the global including USA, UK, Canada, Saudi Arabia, Australia, Malaysia, Japan & So on. Around 30 delegates / participants participate in the conference from abroad every year.

CALL FOR PAPERS

8th International Conference on "Innovations in Electronics and Communication Engineering (ICIECE-2019)" welcomes research contribution to cover a wide range in the domain of Electronics and Communication Engineering including Signal/Image Processing, Embedded System, VLSI, Communication Systems, Antennas/Microwave, Biomedical electronics, Internet of Things (IoT) and many others. We invite original un-published research articles based on the mentioned theme including following topics but not limited to:

SIGNAL PROCESSING

- Image & Video Processing
- Digital signal processing
- Radar Signal Processing
- Biomedical signal Processing
- Speech Synthesis & Signal Processing
- Audio / Speech Processing & Coding
- Pattern Recognition
- Face & Motion Detection
- Computer Vision & Artificial Intelligence
- Speech Synthesis & Signal Processing

ANTENNA / MICROWAVE

- Microwave Field & Techniques
- Microwave Passive Components
- Microwave Active Components
- Microwave Systems & Applications
- Emerging Trends in Microwave
- Wave Propagation

BIOMEDICAL ELECTRONICS

- Electrocardiography and Heart Monitoring
- Health Monitoring Devices
- Imaging and Visualization Devices
- Wearable and Mobile Devices
- Biomedical Equipment & Instrumentation
- Biomedical Sensors
- Biomedical Signal Processing

EMBEDDED SYSTEMS

- Real Time Systems
- Embedded Processors
- RTOS
- Embedded Networking
- Advanced Computer Architecture
- Robotics/ Mechatronics
- Assistive Technology
- Machine to Machine Solutions
- IoT (Internet of Things)
- Ambient intelligence

VLSI

- Low Power VLSI
- VLSI Technology
- MEMS
- Nano Technology
- Cognitive Electronics
- Mixed VLSI Design

COMMUNICATION

- Data Communication & Networking
- Network & Information Security
- Wireless / Mobile Communications
- Wireless Sensor Networks (WSNs)
- Communication for intelligent transportation
- Mobile Security
- Software Define Radio
- Optical & Satellite Communication

All papers will be published in conference proceedings and selected papers will be published in Springer Lecture Notes Scopus indexed. Extended version of papers will be published in special issue of "International Journal of Innovations in Electronics and Communication Engineering (IJIECE)" with ISSN: 2249-9946 (www.innovationjournals.com), Volume No. 9, Issue No. 1 & 2.

AUTHORS GUIDELINES

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Full paper with abstract must be prepared as per Springer format. The length of paper should be a maximum of 6 pages including abstract (limited to 150 words).

Manuscripts will be accepted in "Word" and "PDF" format through Easy Chair online submission system: <http://www.easychair.org/conferences/?conf=iciece2019> or iciece@gniindia.org.

REGISTRATION FEES

CATEGORY	INDIAN AUTHORS	FOREIGN AUTHORS
Springer	INR 4500	USD 65
IJIECE	INR 3500	USD 50
Conference Proceedings Only	INR 2000	USD 30
Additional Paper Charges	INR 500 per Page (Maximum 2 Pages)	USD 10

Participation certificate will be issued to first two authors only, for any additional participation certificate, an additional amount of Rs. 800 will be charged. Conference Kits with lunch coupons for each registered participant will be provided.

The registration fees is to be paid by Demand Draft in favour of "GNITC (Conference accounts)", Payable at Ibrahimpatnam, R. R. District, Telangana or by online bank transfer to the account details given below.

Account Name : GNITC (Conference accounts)
Account number : 138911100000797
Bank Name & Address : Andhra Bank, Khanapur Branch
IFSC Code : ANDB0002410

ACCOMMODATION

Limited accommodation is available in college hostel at nominal charges of INR. 300 for per night. Accommodation can also be arranged in nearby hotels on request. Double room tariff varies from INR. 1500 to INR. 5000 per day. The college will provide the necessary free local transport to reach the venue.

For further details contact:

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