



G. Narayanamma Institute of Technology & Science

Autonomous (Accredited by NAAC & NBA)

(for women)



7th International Conference on Communications and Cyber-Physical Engineering (ICCCE-24)

19th - 20th July, 2024



Organized by
**Department of Electrical and Electronics Engineering &
Department of Basic Sciences - GNITS**

ABOUT THE CONFERENCE

The 7th International Conference on Communications and Cyber-Physical Engineering (ICCCE) is a premier platform that brings together Researchers, Engineers and Practitioners from Academia and Industry to exchange and share their latest advancements, ideas and innovations in the fields of communications and cyber-physical systems. Distinguished speakers from Academia, Industry and Government agencies will deliver keynote address and invited talks, providing insights about the future trends in Communications and Cyber-Physical Engineering. Participants will have the opportunity to present their research findings, exchange ideas and engage in discussions with peers and experts in their respective fields.

ABOUT GNITS

G. Narayanamma Institute of Technology & Science, a leading Engineering college in Hyderabad for women, was founded by late Sri G. Pulla Reddy garu in 1997, with an objective of providing excellent learning facilities for women to pursue education in engineering. GNITS received UGC autonomous status for 10 years from 2018 and is affiliated to Jawaharlal Nehru Technological University (JNTUH), Hyderabad. It is approved by All India Council for Technical Education (AICTE), accredited by NAAC, NBA and ISO 9001:2015 Certified Institution. The college has three Research Centres recognized by JNTUH in EEE, ECE & CSE. MAC Lab was sponsored and inaugurated by Mr. Tim Cook, CEO of M/s APPLE Inc. in 2016 which enabled GNITS to secure a unique place among all other Engineering Colleges in South India. The institution has 76 Doctorates and 25 are recognized as supervisors from various universities like JNTUH, OU, KLEF & VIT University. GNITS has published 57 patents out of which 9 are granted.

DEPARTMENT OF EEE

The Department of Electrical and Electronics Engineering (EEE) was started in the year 1997 and the current intake is 120 in Undergraduate and 12 in Postgraduate program(PEED). Research excellence at EEE Department includes sanctioned Projects worth Rs 40 Lakhs, Consultancy expertise of 2.70 Lakhs, Recognized Research centre by JNTUH, Hyderabad and pioneers of innovation in Electrical Engineering. At our department, we take pride in our 4 Centres of Excellence, 2 prominent Research Centres, 173 faculty publications, 8 fruitful MoUs and a notable collection of 16 patents including 6 successfully granted. Along standard laboratories featuring equipment valued nearly ten million, our department boasts a robust R&D lab to cater diverse research requirements for both students and faculty, complemented by virtual lab facilities.

CALL FOR PAPERS

Submission of high quality papers is expected not limited to the below mentioned areas. We are interested in the entire range of concepts from theory to practice, including case studies, works in progress and conceptual explorations. A virtual meeting platform is also made available for all registered authors who intend to submit their work but are unable to attend the conference.

SUBMIT YOUR MANUSCRIPT: <https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FICCCE2024>

- Machine learning/AI and its networked applications
- Wireless/mobile networks (WBAN/ WPAN/ WLAN/ WMAN/ WWAN)
- Big data/Cloud computing and networks
- Device-to-device communications
- Distributed database and data mining
- Energy-efficient protocols, green networks, and smart grid
- Internet and web-based database systems and applications
- Internet of things (IoT) and machine-to-machine (M2M) communications
- Network performance analysis/measurement and evaluation
- Optical networks
- Operating systems and middleware support for networking
- Peer-to-peer (P2P)/Overlay networks
- Pricing and billing
- QoS/QoE and resource management
- Routing, switching, and addressing
- Mobile Computing
- IPv6 & Convergence of Technologies
- Social Networks
- Bluetooth-Femto-Pico Cells Technologies
- MIMO, NANO Networks
- Underwater Acoustic Sensor Networks
- Vehicular Ad-hoc Networks (VANET)
- Wi-Max
- Green Communication/Computing etc.
- Data Communication
- AI & ML techniques for Sustainable technologies
- Sustainable Grid Management and Security
- Demand Side Management
- BMS and ML based EV Technologies
- Power Electronic Devices in Smart Grid Applications
- Communication Technologies for EV Charging
- Efficient Battery Management in EV Technology
- Optimization Techniques
- Energy Storage Systems
- Power System Protection & control
- Intelligent control & automation
- Filed Computations
- Cyber Security
- Artificial Intelligence & Machine Learning
- Data Analysis and Visualization
- Data Science, Big data Tools & Technologies
- Deep Learning & Natural Language Processing
- Distributed Computing
- Cognitive, Soft & Quantum Computing
- Computational Intelligence
- Cyber Physical Systems
- Assistive Technology
- Advanced Materials for Smart Devices
- Computer Aided drug designing
- Green Technology for sustainable development
- Mathematical & Stochastic modelling in Engineering
- Computational fluid dynamics
- Role of Linear Algebra in engineering
- Material Characterization
- Manufacturing Techniques



INDEXING

The Proceedings of the ICCCE-24 conference will be published by Springer in "Lecture Notes in Electrical Engineering" Series (<https://www.springer.com/series/7818>).

Manuscript Submission Deadline	:	15th April 2024
Acceptance Notification	:	25th May 2024
Registration Deadline	:	3rd June 2024
Camera-Ready Submission Deadline	:	3rd June 2024
Conference Dates	:	19th & 20th July 2024

Find out More at

<https://www.gnits.ac.in> <https://www.intcommcon.com/callforpapers/>
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