



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



International Conference on ADVANCES IN SIGNAL PROCESSING AND COMMUNICATION ENGINEERING (ICASPACE 2021) 25 to 27 February 2021

About Hyderabad

Hyderabad is the largest city and the capital 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 and is warm and pleasant for most time of the year. The Pearl City, Hyderabad with its unmatched blend of history and modernity, hypnotizes everyone setting their foot in this beautiful city of Nizams. With a history as old as 400 years and with the status of metropolitan city, Hyderabad promises a unique and 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 a 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 Charminar, and 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 also an international centre for information technology (IT). 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.



Keynote Speakers

1. **Dr. Mahender Kumbham**, Valeo, Ireland Photonics.
2. **Dr. Y. N. Singh**, Professor & Dean, Infrastructure Committee, IIT Kanpur.
3. **Dr. Anupam Sharma**, Associate Director, DSP, DRDO, Hyderabad.
4. **Dr. T. G. Thomas**, Professor, BITS Pilani, UAE.
5. **Dr. N. Sudarshan Rao**, Professor, Penn State Behrend, Erie, USA,
6. **Mr. Swapnil Bora**, Founder & CEO, MeshTek Labs, Texas, USA.

Advisor

- **Sri N. Subash**, Secretary & Correspondent.

Chair

- **Dr. N. Sudarshan Rao**, Professor, Penn State Behrend, Erie, USA.

Co-Chair

- **Prof. K. Jaya Sankar**, Principal, MGIT.
- **Prof. S. P. Singh**, Head, ECE, MGIT.

Conveners

- **Dr. D. Venkat Reddy**
- **Dr. T. D. Bhatt**
- **Dr. Ch. Raja**

Co-Conveners

- **Mr. D. V. S. Nagendra Kumar**
- **Dr. T. R. Vijaya Lakshmi**
- **Dr. Y. Praveen Kumar Reddy**

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13. **Prof. Pudurita**, University of Mauritius.

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1. **Dr. P.K.Jain**, Professor, ECE & Director, NIT Patna.
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13. **Prof. R.K.Singh**, Director Academics, GNI, Hyderabad.
14. **Dr. A.K.Singh**, Sc-G, DLRL, Hyderabad.
15. **Dr. Atul Negi**, Professor, University of Hyderabad.
16. **Dr. L. Anjaneyulu**, NIT Warangal.
17. **Dr. N.Balaji**, Professor, JNTUK, Kakinada.
18. **Dr. V.Sumalatha**, Professor, JNTUA, Anantapur.
19. **Dr. P.Chandra Shekar**, Professor, Osmania University, Hyderabad.
20. **Dr. N P Rath**, VSS University of Technology, Burla, Odisha.
21. **Dr. Arvind Kumar**, NIT Kurukshetra, Haryana.
22. **Mr. Muthukrishnan Chinnasamy**, CEO, Semiconductor Fables Accelerator Laboratory, Bangalore.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

About the Institute

Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the Self-Financing category in Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute has received accreditation for six UG programs three times from National Board of Accreditation, New Delhi and the Institute is also accredited by NAAC with an 'A' grade. The institute offers instruction in eleven Undergraduate Programs (Computer Science, Information Technology, Electrical & Electronics, Electronics & Communication, Mechatronics, Metallurgical & Materials Engineering, Civil Engineering, Mechanical Engineering, Computer Science and Business System, Computer Science and Engineering (Artificial Intelligence and Machine Learning) and Computer Science and Engineering (Data Science) and five PG programs. The institute has received MHRDs NIRF-2020 Ranking in the rank band: 201-250.

About the Department

The department of Electronics & Communication Engineering was started in the year 2000 with a vision to mould competent Electronics and Communication engineers with sound theoretical and practical knowledge, working for the betterment of humankind. The department has excellent infrastructure facilities, laboratories and forty well-experienced & qualified faculty supported by dedicated technical staff. The department has R&D and Project Lab. The department has successfully completed AICTE sanctioned research project (RPS) & FDP. The department of Electronics & Communication Engineering regularly organizes national level technical events and seminars.

Scope of ICASPACE-2021

Three-day International Conference (ICASPACE - 2021) will be organized by the Department of ECE, MGIT, Hyderabad from 25 to 27 February 2021 through online mode. A number of renowned personalities from Industry, Research Organizations and Academic Institutions have given their consent to grace the conference to emphasize the benefits of Recent Trends in Electronics & Communication Engineering for a wide variety of engineering applications.

Call for Papers

ICASPACE-2021 invites papers related to various techniques on Recent Developments in Electronics and Communication Engineering for presentation. The papers and invited talks by eminent practicing engineers are expected to benefit the participants. Papers selected & presented in ICASPACE-2021 will have opportunity to be published in proceedings with ISBN and Springer Lecture Notes.

Conference Theme

- Track 1: Signal/Image/Video/Speech Processing.
- Track 2: Advanced communication systems with a focus on 5G technology.
- Track 3: Applications of AI & ML in Signal Processing.
- Track 4: Wireless Communication Technologies, Networks & Big Data Applications.
- Track 5: Electromagnetic, RF, Microwave & Wearable Technology, Radar Signal Processing.
- Track 6: Automation, Robotics & Optimization Algorithms.

Conference Souvenir

Conference souvenir will be brought out during ICASPACE-2021 and will include abstracts of all the selected papers.

Publications

- All accepted papers will be published in the Conference Proceedings (as soft-copy, with ISBN and will include abstract).
- Top-50 papers will be published in Springer Lecture note Series. Confirmation from the Publisher is expecting soon and the same will be updated on the Conference web-site.

Uploading the Manuscript: <https://icaspace21.mgit.ac.in>

Guide Lines for the Paper Submission

- Experimental investigation with specific conclusions.
- Original Contribution, not published earlier.
- Case studies of industrial importance.
- Simulation studies with practical demonstration/result.
- Design of Instruments /Systems /Software.

Format for Submission of Paper

- Paper should not exceed 6 (six) A4 Size sheets.
- For guidelines on font size, type, margins, and other document related information, please refer to the following link

<https://www.overleaf.com/latex/templates/springer-lecture-notes-in-computer-science/kzwwpvhwnvfj#.WuA4JS5uZpi>

- **At least one of the authors must register and attend the conference for presenting the paper.**
- **Maximum number of authors is 4 (Four) per paper.**

How to register

- **Link to register:** <https://forms.gle/XpFu9LTActg8D4eT9>
- **Follow this link to join Conference Telegram Group:** <https://t.me/joinchat/AAAAAEmMxdzGrBkhs41K4w>
- **Conference URL:** www.icaspace21.mgit.ac.in
- **Conference e-mail:** icaspace21@mgit.ac.in



Registration QR Code

Dates to Remember

Deadline for submission of Full Papers	31 Jan 2021
Notification of Acceptance/ Request for revision	10 Feb 2021
Deadline for submission of Camera ready Paper	15 Feb 2021
Last date for author registration	20 Feb 2021
Conference Dates	25,26 & 27 Feb 2021

Registration Fee

Upon acceptance of the Article, at least one author of the article must register and present the work during the Conference.

Description	Indian Author	Foreign Author
Industry	Rs. 2000/-	60 USD
Faculty Member	Rs. 1500/-	50 USD
Research Scholar and Student	Rs. 1000/-	30 USD
Non-presenting Member (Attendees)	Rs. 500/-	20 USD

The Registration Fee + 18% GST can be paid online using the account details given below.

Account Name	MGIT RECURRING EXPENDITURE
Conference Account number	180401001260
Bank & Branch	ICICI Bank, CBIT, Gandipet Branch, Hyderabad, Telangana – 500 075, India
IFSC Code	ICIC0004385

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