Guide lines for 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
- Font : Times New Roman
- Margins : Left = 1.5 Inch Right, Top & Bottom = 1.0 Inch
- Abstract: 11 Point Italic with single line spacing to be placed after title and other details.
- Key words : 4 (Four)
- Text : 12 Point normal justified Para heading: 12 Point Bold Sentence case Spacing = 1.5 lines Figures to be inserted in jpg Format.
- At least one of the authors is required to register and attend the conference for presenting the paper.
- Maximum number of authors is 4 (Four)
- E-mail of the corresponding author should be given.

Dates to Remember

Submission of Full Papers Deadline	**1st Oct., 2020**
Notification of Acceptance/ Revision request	**25th Oct., 2020**
Submission of Camera-Ready Paper Dead-line	**31st Oct., 2020**
Author Registration Deadline	**7th Nov., 2020**
Conference Dates	**23rd-25th Nov., 2020**

Registration Fee

Minimum one author per paper should register for presenting the work

	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

Extended version of the selected papers will be published in the Web of Science indexed, Science Citation Index Expanded and SCOPUS Indexed journals on a nominal fee, which will be announced later.

Uploading the Manuscript:

https://easychair.org/conferences/?conf=iciecca2020

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INNOVATIONS IN ELECTRONICS, COMMUNICATION, COMPUTING & AUTOMATION

Virtual Conference

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ICIECCA-2020

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Department of Electronics and Communications Engineering

KONERU LAKSHMAIAH EDUCATION FOUNDATION

Established in 1980, KLEF is a pioneer in the field of Engineering education and research in India. K L E F has been declared as Deemed to be University by MHRD, Government of India and accredited by National Assessment and Accreditation Council(NAAC) as "A++" grade University. It is recognized by the Department of Scientfic and Industrial Research (DSIR) as Public Funded Research Institute(PFRI). It also has collaborations for conducting Joint research with a number of Institues around the globe. It received "The best educational Institute award in engineering" by Asian Confederation of Business. In 2019 UGC, MHRD declared this institution as Category I. The University was also ranked 41 under NIRF 2020.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of ECE was established in 1983. The department has strong back-up of 234 faculty members, specialized in core areas of ECE. Among 87 faculty members are PhD holders and 121 faculty members are pursuing PhD. Department houses several rich industry experience faculties to cater the industry needs into academics. The Department has a total of 7 State of the Art laboratories, 2 Centers of Excellence and 8 Research Centers which are well equipped to the highest level of sophistication and cater to the needs of UG, PG and PhD students. These labs have specific emphasis on Research and Development activities. The Students have full and free access to software/ tools like LabView, Xilinx, Mentor Graphics, Ansys HFSS, CST, Electric CCS, Octave, Logisim, Multisim, Code composer studio etc. There is an emphasis on PRACTICAL ORIENTATION of the students towards engineering field which has led to the concept of OPEN LABs and PROJECT BASED LABs in the Department. The students have OPEN access to all the laboratories from 7.00 A.M to 7.00P.M which they can utilize to explore beyond the curriculum and experiment on innovative thoughts/ideas.

The Department has 12 Crores worth of Sponsored projects from DST, DLRL, ISRO, DEAL etc. 2000+ International Journal papers, 600+ International Conference papers and 150+ National Conference papers by the faculty. Certificate courses in advanced areas are conducted every semester. Faculties from Foreign universities are involved in regular teaching activity. Department's academic calendar is highlighted by regular seminars, group discussions, student paper contests, Industry Alliance and Student Personality Development Programs for all round development of students in National & International events. Student associations namely 'Pulse' to conduct technical events and 'Hope' to conduct social service activities. Placement in leading core communication companies like Amphenol Antennas, BSNL, MTNL, Reliance Communications, Tata Telecom, Hutch, Bharti Telecom, Nokia, CISCO, IBM, Intel, Agilent, Alcatel, AT & T Ericsson, Honeywell, Bosch, National Instruments, Texas Instruments, HCL and others.

SCOPE OF ICIECCA-2020 CONFERENCE

Three-day Virtual International Conference (ICIECCA-2020) will be organized by KLEF during November 23rd - 25th, 2020 through online mode. A number of proven 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 and Communication Engineering for a wide variety of engineering applications.

CONFERENCE THEME

Track 1: *Semiconductor Devices, VLSI Design, Electronic Circuits Design*

• Electron Devices • Analog & Digital Electronics Circuits • Electronic Design Automation • System on Chip • Power Systems and Power Electronics • CMOS Circuit Design • VLSI Design • FPGA and ASIC design • Electronic Circuits Design for Healthcare

Track 2: *MEMS/Nano Technologies, IoT & Biomedical Systems*

• Micro and Nano Fabrication & Manufacturing process • Advance Memory devices and circuits • Power Semiconductor technology and circuits • MEMS/NEMS • 3D Process and Integration Technologies • Biomedical Devices, Sensors • Instrumentation and Diagnostics.

Track 3: *Multi Model Signal Processing with AI & ML for Healthcare Applications*

• Machine Vision & Learning • Pattern Analysis • Image Processing • Sensor array & Multi-channel • Medical and biomedical imaging • DSP Algorithms & Architectures • Audio/Speech & Video Processing and Systems • Adaptive, Statistical, Biomedical, Distributed & Satellite Signal Processing • Underwater Communication • AI & ANN

Track 4: *Wireless Communication Technologies, Networks & Big Data Applications*

• Wireless Networks and Applications • CDMA, OFDM and MIMO System Design • 4G/5G/6G Communication and Network • Wireless Sensor & Ad Hoc Networks • Security in Mobile and Wireless • Network Security and Privacy • Smart Grid Communication • Mobile Big Data • Optical Networking • Opto-electronic Devices • E-health Services • Artificial Intelligence • Cryptography and information security.

Track 5: *Electromagnetic, RF, Microwave & Wearable Technology*

• Electromagnetic Theory • RF & Antenna Design • Mobile and Vehicular antennas • RFID antennas and systems • Broadband / ultra-wideband antennas. • Microwave/ MM-Wave/THz Circuits and systems • Reconfigurable RF Architecture & Circuits • Wearable, Flexible, and Stretchable Electronics • RF front-end terminal • EMC/ EMI • Smart Antenna.

Track 6: *Automation, Robotics & Optimization Algorithms*

• Embedded Systems • Robotics • Cloud/Grid/ Distributed Computing, • Optimization Techniques • Parallel and Distributed Algorithms • Neural Networks and Fuzzy Logic • Embedded Sensing and Computing • Robot Sensors & Networks • Digital Factory • Smart Manufacturing • Web-of-Things • Robotic hands • IoT and Cloud of Things Architecture.

CONFERENCE SOUVENIR

Conference souvenir will be brought out during ICIECCA-2020 giving abstracts of all the presented papers.

CALL FOR PAPERS

ICIECCA-2020 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 presented in ICIECCA-2020 will be provided with an opportunity to publish in OPEN ACCESS JOURNAL (Web of Science indexed, Science Citation Index Expanded and SCOPUS indexed) up on acceptance after satisfactory peer-review by the journal editorial board.