All Accepted and registered papers will be published in American Institute of Physics (AIP)indexed in Scopus and WOS

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Awards: One best presentation will be selected per track based on its subject content and presentation. The winners will receive a certificate of appreciation in Valedictory ceremony.

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Important Dates :

Deadline for Paper submission	15.06.2021
Paper Acceptance Notification	15.07.2021
Start of Registration with final paper submission	15.07.2021
Close of Registration	01.08.2021

Registration

Category	Single paper Amount	**Second Paper	Special session Amount/paper
UG/PG/Research Scholar	Rs. 6000	Rs. 5000	Rs. 5000
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**Corresponding author should be same for both papers.

Call for Special Sessions

Special Session Proposals (on or before)	15.05.2021
Decision for Special Sessions (on or before)	25.05.2021

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Organized by
Department of Electronics and Communication Engineering
Kakatiya Institute of Technology & Science, Warangal
(An Autonomous Institute under Kakatiya University, Warangal)
Opp: Yerragattu Gutta, Hasanparthy (M), Warangal-506015
Telangana, India. Website: www.kitsw.ac.in

About the Institution

Kakatiya Institute of Technology and Science, Warangal popularly known as KITSW, established in 1980 by Ekasila Education Society (EES), Warangal, a philanthropic society, with a primary objective of providing quality technical education. KITSW is approved by the AICTE and recognized under section 2(F) and 12(B) of UGC act 1956. The UGC has granted autonomous status in 2014 under Kakatiya University (KU), Warangal. It is accredited by the NAAC with A grade (CGPA: 3.21) and all the eligible UG engineering programs are accredited by the NBA, New Delhi.

Located in 68 acres of lush green sprawling campus, it is one of the premier institutes of Telangana. Over the years, it has attracted academicians of proven competence onto its faculty, augmented the infrastructural facilities, modernized laboratories, placed its products in reputed organizations all over the world and thus received recognition in industry and academia. At present, it is offering UG in eleven branches of engineering, PG in eight engineering specializations and MBA. The KU recognized CE, ME, E&I and CSE departments as research centers for PhD programs. The faculty at KITSW is now integrating Innovation, Incubation, Research and entrepreneurship (I2RE) culture into course teaching to prepare students to gain tech skills for industry 4.0.

About the ECE Department

The Department of Electronics and Communication Engineering was established in 2000 with an intake of 45 and subsequently increased to 180. In 2008, the department was accredited for the first time by National Board of Accreditation (NBA), New Delhi under Tier II for a period of 3 years. Since then, the department has been getting timely reaccredited and at present its accreditation status is active till June 2021. M. Tech Course in Digital Communications was started in the year 2004 in association with E & I Engineering department with an intake of 18 students which was later enhanced to 25 and presently it is under the department of ECE. During the academic year 2019-20, the department has started B. Tech in Electronic Communication and Instrumentation (ECI) engineering with an intake of 60. During the academic year 2020-21, the department has started M. Tech in Communication Engineering and Signal Processing (CSP) specialization with an intake of 30. The department has 33 dedicated and qualified faculty with 3 Professors, 5 Associate Professors, and 25 Assistant Professors. Eleven faculty members have Ph.D. and 20 faculty members are pursuing Ph.D. Three centers of excellence are established in the department: (i) Transfinite iLab, (ii) TIIC in association with TITA, and (iii) BLACKBUCK CoE. The department has 11 very well-equipped and modernized laboratories to cater to the needs of UG and PG courses. Recently the department of ECE organized 4th International Conference ICDECT-2020 on 25-26 Sep., 2020.

Previously Received Funds by the Department

Prof. K. Ashoka Reddy received Rs. 6.5 lakh in 2017 from the AICTE toward a 2 Week FDP on "Hands on approach of OFDM system designing in MATLAB". Dr. M. Chandrasekhar, Asst. Prof., got Rs. 45.00 lakh research grant in 2018 from the SERB of DST on "Design and Development of printed micro strip Antennas for LTE & GPS Applications". Sri A. Srinivas, Asst. Prof., received a seminar grant of Rs. 7. 0 lakh on "Deep Learning," in 2019 from DST. For academic year 2020-21, the AICTE has sanctioned one STTP with Rs. 3. 4 lakh, one FDP with Rs. 5.6 lakh to Prof. K. Ashoka Reddy and one MODROBS sanctioned with an amount of Rs. 6.78 lakhs to Prof. B. Rama Devi, Head Dept. of ECE.

Oobjective of the Conference

The objective of this Scopus indexed International Conference on Data Engineering and Communication Technology (ICDECT) 2021 is to present a unified platform for advanced and multi-disciplinary research towards design of smart computing, information systems, electronic systems. The theme focuses on various innovation paradigms in system knowledge, intelligence and sustainability that may be applied to provide realistic solution to variegated problems in society, environment and industries. The scope is also extended towards deployment of emerging computational and knowledge transfer approaches, optimizing solutions in a variety of disciplines of computer science, Electronics and Communication Engineering, Electrical Engineering, Electronics and Instrumentation. The conference proceedings aim to publish unpublished work pertaining to the topics mentioned below. The conference is scheduled to be held on July 15& 16 at Kakatiya Institute of Technology & Science (KITSW), Warangal, Telangana, India

The conference mainly focuses to offer a real opportunity to bring together scientists of different disciplines, to discuss new issues, to tackle complex problems and to find advanced solutions breeding new trends in Computational Science, Electronics and Communication Engineering, Electrical Engineering and Instrumentation. Conference will also provide a platform for research community and industry to share the recent developments, and to discuss about the discoveries in computational intelligence and informatics.

List of Topics

The conference papers will cover disciplines of computer science, Electronics and Communication Engineering, Electrical Engineering and Instrumentation. The topics of interest include, but not limited to the following:

- 5G Wireless Communications
- Wireless Sensor Networks
- Graphics and Image Processing
- Signal and Image Processing
- DSP Architectures
- Microelectronics, Circuits and Systems
- Low Power VLSI Circuits
- Remote Sensing
- Electromagnetics
- Antenna, Smart Antennas
- Microwave Engineering and Microwave Circuits
- Embedded Systems
- Biomedical Image Processing
- Machine Learning
- Millimeter Waves
- Internet of Things
- Computer Vision and Pattern Recognition
- Big Data
- Quantum Computing
- Green IT and IT for rural Engineering
- Mobile Computing and Applications
- Artificial Intelligence
- Optimization Algorithms
- Information Technologies
- Biomedical Signal Processing
- Broadband Mobile Communications
- MIMO Systems
- Deep Learning for Communication System
- Soft Computing
- Data Mining
- Intelligent Autonomous Systems
- Human Computer Interface
- Information Security
- Bioinformatics
- Wireless Networks and Information Security
- Network Security
- Mobile Security
- Nano Computing
- Intelligent Computing in Sensors
- Intelligent and Computer Vision Instruments
- Measurement in Robotics
- Computational Nero Science
- Industrial Automation
- Analysis and Design of Control Systems
- Power System Modeling and Analysis
- HVDC
- Power Electronics and Drives
- Electric Vehicle Technology,
- Smart Grid
- Renewable Energy Sources
- Power System Protection
- Power Electronics and Drive Control Technics
- RFID and Cognitive Radio
- Ad-Hoc Networks
- Next –generation Networking Technologies
- Computer Vision and Architecture
- Real Time Operating Systems

The various intelligent tools like swarm intelligence, AI, Genetic Algorithm, evolutionary algorithms, bio-inspired algorithms could be well applied in different domains for solving various challenging problems.

Important Information
- Papers can be uploaded through the website using the following link https://kitsw.ac.in/icdect2021/about.html?
- Assistance will be provided regarding accommodation