Registration Details:

Category	Amount
UG/PG/Research Scholar	Rs. 6000
Academician	Rs. 6500
Industry /R&D	Rs. 6500
Foreign Author	$ 200
Attendee/Non-author	Rs. 1000

Awards: Three best presentations will be selected based on its subject content and presentation. Winners will receive a certificate of appreciation in Valedictory ceremony.

National Advisory Committee:
Dr. L. Anjaneyulu, Professor, Dept. of ECE, NIT Warangal
Dr. N.V.S. Narasimha Sharma, Director, IIIT Trichy
Dr. T. Kishore Kumar, Prof., Dept. of ECE NIT Warangal
Dr.S.Anuradha, Assoc. Prof., Dept. of ECE, NIT Warangal
Dr. Sridhar K V, Assoc. Prof., Dept. of ECE, NIT Warangal
Dr. M. Sydulu, Professor, Dept. of EEE, NIT Warangal
Dr.B. Ravi Kumar, Assoc. Prof., Dept. of ECE, IIT Hyderabad
Dr. G. Lakhmi Narayanan, Professor & Head, Dept. of ECE, NIT Tiruchirappalli
Dr. D. Sriram Kumar, Professor, Dept. of ECE, NIT Tiruchirappalli
Dr. P. Palany Swamy, Professor, Dept. of ECE, NIT Tiruchirappalli
Dr.R. Pandeeswari, Assoc. Prof. , Dept. of ECE, NIT Tiruchirappalli
Dr. B. Rajendra Naik, Professor & Head, Dept. of ECE, Osmania University
Dr. B. Venu Gopal reddy, Assoc. Prof., Dept. of EEE, NIT Goa
Dr. T. Srinivasulu, Prof., Dept. of ECE, KU
Dr. L. Pratap Reddy, Professor, Dept. of ECE, JNTU
Dr.M.Asharani, Professor, Dept. of ECE, JNTU
Dr.Ch. Srinivasa Rao Prof., Dept. of ECE, JNTUK, Viziayanagaram
Dr. Dheeraj Sunhera, Prof. , Dept. of ECE, JNTUH, Jagtiyal
Dr.D.Vakula, Associate Professor, ECE Dept., NITW
Dr. V. Mani, Associate Professor, ECE Dept.,NITW
Dr. E. Srinivasa Reddy, Dean (Faculty Affairs), Dept. of CSE, ANU
Dr. T. Ramasri , Prof., Dept. of ECE, SV Univ., Tirupathi
Dr. G. Sashibhushan Rao, Prof. and Head, Dept. of ECE, Andhara Univ.
Dr.P. Rajesh Kumar, Prof., Dept. of ECE, Andhara Univ.
Dr. P. Lakshmi Narayana, Director, NERTU, Osmania Univ., HYD.
Dr. Akkala Subba Rao, Assistant Professor, Dept. of ECE, MANIT, Bhopal
Dr. G. Raghotham Reddy, Professor in ECE, Dean SAC, KITSW
Dr. P. Niranjan Reddy, Professor in CSE, Dean R&, KITSW
Dr. K.Sivani, Professor in EIE, Dean Academics, KITSW
Dr.V.Shankar, Professor & HoD, Dept. of CSE, KITSW
Dr. C.Venkatesh,Professor & HoD, Dept. of EEE, KITSW
Dr. K.Venu Madhav, Professor & HoD, Dept. of EIE, KITSW
Dr.T. Anil Kumar, Professor, Dept. of ECE, CMR IT
Dr. P. Kamakshi, HoD, Dept of IT, KITSW
Dr.V.Chandra Shekar Rao, Associate Professor, Dept. of CSE, KITSW
Dr. M. Sunil Kumar, Professor, Dept. of CSE, SVEC
Dr.D.Jeya mala, DIRECTOR –MCA, FATIMA COLLEGE
Dr. Humaira Nishat, Professor, Dept. of ECE, CVR College Of Engineering
Dr. Panyam Narahari Sastry, Professor, Dept. of ECE, CBIT
Dr.Ramesh Babu Vallabhaneni, Professor, Dept. of ECE, NRI Institute of Technology, Vijayawada
Dr. D. Krishna Reddy, Professor & Head of the Dept, Dept. of ECE, CBIT, Hyderabad
Dr. Bhavani Sankar, Professor and Head, Dept. of ECE, Anjalai Ammal – Mahalingam
Dr. M.N. Tibdewal, Professor (Ph.D. IIT,Kharagpur), Dept. of ECE, Shri Sant Gajanan Maharaj College of Engg., Shegaon
Dr S Aruna, Associate professor, Dept. of ECE, AUCE
Dr.S.Sumathi, PROFESSOR, Dept. of EEE, Mahendra Engg College

Chief Patron
Capt. V. Lakshmikantha Rao, *Honorable M.P (Rajyasabha), Secretary & Correspondent, KITSW*

Patron
Sri P. Narayana Reddy, *Treasurer, KITSW*

Conference Chair
Dr. K. Ashoka Reddy, *Principal, KITSW*

Program Chair
Dr. B. Rama Devi, *Prof. & HoD, Dept. of ECE, KITSW*

Honorary Chair
Dr. Suresh Chandra Satapathy, *Professor & Dean(Research), School of Computer Engg., KIIT, Bhubaneswar*

Convenors
Sri. E. Suresh, *Assoc. Prof., Dept. of ECE, KITSW*
Dr. V. Venkateshwar Reddy, *Assoc. Prof. in ECE, KITSW*

Co-Convenors
Dr.M. Raju, *Assoc. Prof., Dept. of ECE, KITSW*
Dr. K. Sowjanya, *Asst. Prof., Dept. of ECE, KITSW*

Editorial Board
Dr. K. Ashoka Reddy, *Principal, KITSW*
Dr. B. Rama Devi, *Professor & HoD, Dept. of ECE, KITSW*
Dr. Boby George, *Professor, Dept. of EE, IIT Madras*
Dr. K. Srujan Raju, *Prof. & HoD, Dept. of CSE, CMR Technical Campus*

International Advisory Committee:
Dr. Mathini Sellathurai, Professor, School of Engg. & Physical Sciences, HWU, UK
Dr. Anitesh Barua Professor, Dept. of Information Management, UT, USA
Dr. Kun-lin Hsieh, NTU, Taiwan
Dr. Ahamad J. Rusumdar, KIT, Germany
Dr. V. R. Chirumamilla, EUT, Netherland
Dr. Halis Altun, MU, Turkey
Dr. P.N. Suganthan,NTU, Singapore
Dr. Boka Kumsa, Wollega University, Ethiopia

Conference Official Website:
https://kitsw.ac.in/icdect2020/

Important Dates:

Deadline for Paper submission	15.07.2020
Paper Acceptance Notification	30.08.2020
Start of Registration with final paper submission	01.09.2020
Close of Registration	10.09.2020

Call for Special Sessions

Special Session Proposals (on or before)	20.07.2020
Decision for Special Sessions (on or before)	25.07.2020

ICDECT -2020 Contact Information
Sri E. Suresh (+91-9849119063)
Dr. V. Venkateshwar Reddy (+91-9948207285)
Email: info_icdect2020@kitsw.ac.in, hod.ece@kitsw.ac.in
For more details visit https://kitsw.ac.in/icdect2020/

International Conference on

Springer

"Data Engineering and Communication Technology (ICDECT2020)"

Sept. 25-26, 2020

Program Chair
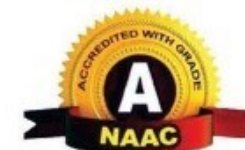**Dr. B. Rama Devi**
Professor & HoD, Dept. of ECE

Conveners
Sri. E. Suresh
Assoc. Prof., Dept. of ECE

Dr. V. Venkateshwar Reddy
Assoc. Prof., Dept. of ECE

nirf NATIONAL INSTITUTIONAL RANKING FRAMEWORK
MHRD NIRF – 2019 Rank -180

A NAAC
NAAC-'A' Grade accredited Institute (CGPA: 3.21)

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 & Science, Warangal (KITSW), was established in 1980 with affiliation to Kakatiya University and it became Autonomous Institution under Kakatiya University in the year 2014. It has attracted academicians of proven competence onto its faculty, placed its products in reputed organizations all over the world and gained recognition amongst academic circles. The Institute aims to prepare the students for meeting the challenges of the growing and changing needs of industry through delivering high quality technical education blended with training and research. The college is approved by All India Council for Technical Education (AICTE), accredited by NAAC 'A' Grade with a CGPA of 3.21, ranked 180 by MHRD in NIRF - 2019 and all the UG Engineering programmes are accredited by National Board of Accreditation (NBA), New Delhi. The institute is located 13 Kms and 20 Kms from Kazipet junction and Warangal respectively, on Warangal – Karimnagar highway.

About the ECE Department

The Department of Electronics and Communication Engineering was established in the year 2000 with the intake of 45 and presently running with the intake of 180. During academic year 2019-20, the department started offering a new UG program in ECI with an intake of 60. The department also offers one PG course M.Tech (Digital Communications) with an intake of 25. The department was accredited by NBA for the first time in 2008 and subsequently got re-accredited in 2014, 2016 and 2018.The department is funded by DST-SERB with the amount of 41.36 lakhs on project titled "Design and Development of Printed Micro Strip Patch Antenna for LTE and GPS Applications".

Objective of the Conference

The objective of this **Scopus indexed International Conference on Data Engineering and Communication Technology (ICDECT) 2020** 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 Sept. 25 & 26 , 2020 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
- Web Intelligence and Computing
- Broadband Mobile Communications
- MIMO Systems
- Wireless LANs and PANs
- Graphics and Image Processing
- Signal and Image Processing
- DSP Architectures
- Micro electronics, Circuits and Systems
- Low Power VLSI Circuits
- Remote Sensing
- Electromagnetics
- Antenna, Smart Antennas
- Microwave Engineering and Microwave Circuits
- Embedded Systems
- Photonic Devices
- Millimeter Waves
- Internet of Things
- Green IT and IT for rural Engineering
- Mobile Computing and Applications
- Artificial Intelligence
- Optimization Algorithms
- Information Technologies
- Biomedical Signal Processing
- Machine Learning
- Deep Learning
- Soft Computing
- Cloud Computing
- Software Engineering
- Data Mining
- E–Commerce
- E–Governance
- Human Computer Interface
- Virtualization
- Database Application
- Information Security
- Grid and Cloud Computing
- Bioinformatics
- Service Oriented Architecture
- Wireless Networks and Information Security
- Network Security
- Mobile Security
- Nano Computing
- Mechatronics
- Sensors
- Sensor Instrumentation and Measuring Technology
- Intelligent Computing in Sensors
- Intelligent Bio Computing
- Scientific and Industrial Instrumentation
- 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

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/icdect2020/about.html?
- Assistance will be provided regarding accommodation