DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Springer

4th International Conference
Data Engineering and Communication Technology (ICDECT -2020)

KITSW ICDECT 2020 PAPER PRESENTATION SCHEDULE				
NOTE: All the authors join in the following whatsup group to get ICDECT & presentation link notifications https://chat.whatsapp.com/GXbAzQccC5IB7MJiruVpWQ				
TRACK I on 25.9.2020 (2.00pm-5.00pm) V Raju (Main coordinator)- 9966000075 & V. Shobhan Reddy-9618691897 Session Chair(s): Dr. Bikshalu Kolagadda- 9885730157, Dr. Keerti Kumar Korlapati-9949392844, Dr. P. Krishna-9963309062				
S.No.	PAPER_ID	TITLE	Authors	Date &Time
1.	ICDECT_2020_paper_36	Performance enhancement of dielectric pocket based Dual Gate FinFET	Vikram Singh, Pradeep Kumar and Aditya Mudgal	25.9.2020 & 2.00-2.15pm
2.	ICDECT_2020_paper_96	High Performance AXI4 Interface Protocol for Multi-Core Memory Controller on SoC	Ahmed Noami, B. Pradeep Kumar and P. Chandrasekhar	25.9.2020 & 2.15-2.30pm
3.	ICDECT_2020_paper_131	Analysis of Coupling Transition For The encoded data and Its Logical level power analysis	Vennapusapalli Shavali, Sreerama Reddy G.M and Patel Ramana Reddy	25.9.2020 & 2.30-2.45pm
4.	ICDECT_2020_paper_220	Analysis of Software Tool for Voltage Profile Improvement in IEEE 14-Bus System using SVC	Sandeep Kumar Machavaram, Sruthi Meghana Sripada, Geyavarshini Bandi, Rakshitha Peddi Sai and Sukruthi Mamidi	25.9.2020 & 2.45-3.00pm
5.	ICDECT_2020_paper_262	An improved impulse noise removal VLSI architecture using DTBDM method	Sresta Valasa, D.R.Ramji, Jitesh Shinde and Mahesh Mudavath	25.9.2020 & 3.00-3.15pm
6.	ICDECT_2020_paper_97	Compensation of Delay in Real Time HILS for Aerospace systems	Lav Sanhith Rao, Dr.P Sreehari Rao, Dr.I M Chhabra and L Sobhan Kumar	25.9.2020 & 3.15-3.30pm
7.	ICDECT_2020	Cooperative Spectrum Sensing for PU Detection in	Surendra Solanki, Vasudev Dehalwar, and	25.9.2020 & 3.30-3.45pm

S.No.	PAPER_ID	TITLE	Authors	Date &Time
	_paper_38	Cognitive Radio using SVM	JayTrilok Choudhary	
8.	ICDECT_2020 _paper_126	Low Complexity Fused Floating point FFT using CSD Arithmetic for OMP CS System	Radhika Alahari, Satyaprasad Kodati and Kishan Rao Kalitkar	25.9.2020 & 3.45-4.00pm
9.	ICDECT_2020 _paper_121	Generation of Pseudo Random Binary Sequence based on Cipher Feedback Chaotic System for Cryptographic Applications	S Sheela and S V Sathyanarayana	25.9.2020 & 4.00-4.15pm
10.	ICDECT_2020 _paper_88	Self Powered Implantable device using Thermo Electric Generator with DC-DC Converter for elimination of Bradycardia	Shwetha M and Dr.S Lakshmi	25.9.2020 & 4.15-4.30pm
11.	ICDECT_2020 _paper_286	Latency Improvement by using Fill VC Allocation for Network on Chip	Monika Katta and T.K. Ramesh	25.9.2020 & 4.30-4.45pm
12.	ICDECT_2020 _paper_1	Innovative Light Management System for Outdoor Applications	Dr. B. Rama Devi, Dr. K. Ashoka Reddy	25.9.2020 & 4.45-5.00pm

Track-II on 25.9.2020 (2.00pm-5.00pm)
Syed Zaheeruddin (Main coordinator)- 9908984169 & P.Yugendar- 9848904966
Session Chair(s): Dr. G. Raghotham Reddy-9849210464 , Dr. Sasikala Nellutla-9502530033, Dr. K. Suganthi-9677008395

S.No.	PAPER_ID	TITLE	Authors	Date &Time
1.	ICDECT_2020 _paper_61	Number Plate Detection Using Morphology and Geometrical Properties	Vangala Sneha and Narasimha Reddy Soora	25.9.2020 & 2.00-2.15pm
2.	ICDECT_2020 _paper_70	Fast And Robust Segmentation Of Images Using Frfcm Clustering With Active Contour Model	Ravali Dupati and Suresh Enagandula	25.9.2020 & 2.15-2.30pm
3.	ICDECT_2020 _paper_205	Segmentation of Remote Sensing Images using Fuzzy Gaussian Mixture Level Set (FGML) Method	Ramudu Kama, Dr Raghotham Reddy Ganta and Girija S.P	25.9.2020 & 2.30-2.45pm
4.	ICDECT_2020 _paper_90	Digital Images Falsification Detection Based on Dichromatic Model	Gowri Shankar M, Dr. Ganesh Babu C, Dr. Gandhi R, Dr. Vidyavathi K and Saravanan V	25.9.2020 & 2.45-3.00pm
5.	ICDECT_2020 _paper_37	Integrating SSIM in GANs to generate high-quality brain MRI images	Ruchika Malhotra, Nikhil Rath, Kush Sharma and Krishan Kumar	25.9.2020 & 3.00-3.15pm
6.	ICDECT_2020 _paper_203	Face Mask Detection using Feature Extraction	Usha Kamale, Sudeepthi Beecha, Mahathi Devarakonda and Shravya Pillarisetti.	25.9.2020 & 3.15-3.30pm
7.	ICDECT_2020 _paper_202	Noise Removal in Long term ECG signals using EMD based Threshold Method	Kiran Kumar Patro, Jaya Manmadha Rao Malla, Ashwini Jadhav and Rajesh Kumar P	25.9.2020 & 3.30-3.45pm
8.	ICDECT_2020 _paper_281	Evaluating the AdaBoost algorithm for biometric-based face reorganization	B.Thilagavathi B and Dr.K.Suthendran K	25.9.2020 & 3.45-4.00pm
9.	ICDECT_2020 _paper_143	Review on Sensors for Emotion Recognition	Stobak Dutta, Anirban Mitra and Neelamadhab Padhy	25.9.2020 & 4.00-4.15pm

S.No.	PAPER_ID	TITLE	Authors	Date &Time
10.	ICDECT_2020_paper_254	Mechanical Compression Properties of Apple Fruit: Errors during Penetrometer	Ramesh Babu Damarla and Narasimha Rao K V	25.9.2020 & 4.15-4.30pm
11.	ICDECT_2020_paper_244	Issues and challenges in incorporating the Internet of Things with the healthcare sector	Saurabh Bhattacharya and Dr. Manju Pandey	25.9.2020 & 4.30-4.45pm
12.	ICDECT_2020_paper_200	UWB Transmission through Human Thorax behind a Wall: A MATLAB Simulation	Dr. Kedar Nath Sahu, Dr. Dhanunjaya Naidu and Dr. Jaya Sankar Kottareddygari	25.9.2020 & 4.45-5.00pm

TRACK III on 26.9.2020 (11.00am-2.00pm)
B. Narsimha (Main coordinator)-8801402867 & K.Kranthi Kumar-9700280067
Session Chair(s): Dr. Tarun Kumar J-9866258045, Dr. K. Venu Madhav-9032072025, Sri. E. Hari Krishna-9949892604

S.No.	PAPER_ID	TITLE	Authors	Date &Time
1.	ICDECT_2020_paper_211	Performance Improvement in Long Term Evolution-Advanced (LTE-A) Network towards 5G Network	Chilukuri Nishanthi and Dr.N. Ramamurthy	26.9.2020 & 11.00-11.15am
2.	ICDECT_2020_paper_212	Channel estimation for Broadband Wireless Access based OFDM/OQAM system	Sandeep Vangala and Tarun Kumar Juluru	26.9.2020 & 11.15-11.30am
3.	ICDECT_2020_paper_216	Performance Analysis of OFDM and GFDM with MIMO for 5G Wireless Communications	Sushmitha Pollamoni, Yedukondalu Kamatham and Ramya Gurama	26.9.2020 & 11.30-11.45am
4.	ICDECT_2020_paper_218	Performance Analysis of OFDM and UFMC with MIMO Wireless Communications	Ramya Gurama, Yedukondalu Kamatham and Sushmitha Pollamoni	26.9.2020 & 11.45-12.00pm
5.	ICDECT_2020_paper_243	Kalman Filter based MPC Control Design and Performance Assessment of MIMO System	S Sudhahar, C Ganesh Babu and D Sharmila	26.9.2020 & 12.00-12.15pm
6.	ICDECT_2020_paper_282	A New Channel Estimation Technique for 5G MIMO Communication Systems	Anil Kumar Tipparti and Anjaneyulu Lokam.	26.9.2020 & 12.15-12.30pm
7.	ICDECT_2020_paper_276	GFDM Based Device to Device Systems in 5G Cellular Networks	K. Anish Pon Yamini, Assis Nevatha J and K Suthendran	26.9.2020 & 12.30-12.45pm
8.	ICDECT_2020_paper_277	Analysis of Channel Estimation in GFDM System	K. Anish Pon Yamini, Akhila S. V and K. Suthendran Suthendran	26.9.2020 & 12.45-1.00pm
9.	ICDECT_2020_paper_89	Comparison of PAPR in OFDM and FBMC/OQAM using PAPR Reduction Methods	Sravanti Thota, Dr. Yedukondalu Kamatham and Chandra Sekhar Paidimarry	26.9.2020 & 1.00-1.15pm
10.	ICDECT_2020_paper_161	PAPR reduction Scheme for OFDM/OQAM signals using novel phase sequence	Sandeep Vangala	26.9.2020 & 1.15-1.30pm
11.	ICDECT_2020_paper_280	A Mobility Adaptive Efficient Power Optimized Protocol for MANETs based on Cross Layering concept	K.Anish Pon Yamini and Suthendran K	26.9.2020 & 1.30-1.45pm
12.	ICDECT_2020_paper_201	Interference aware efficiency maximization in 5G ultra dense networks	Vani Turupati and Raju Manda	26.9.2020 & 1.45-2.00pm

S.No.	PAPER_ID	TITLE	Authors	Date &Time
		Track IV- on 26.9.2020 (11.00am-2.00pm) A. Srinivas (Main coordinator)-9441390993 & Ch. Pavan Kumar-8790657081 **Session Chair(s)**: Dr. P. Niranjan-9849270755, Dr. Chandra Shekar Vadithala-9052452294, Dr. Neelamadab Padhy-7978557037		
1.	ICDECT_2020_paper_145	Implementation of Rough Set for decision making	Surendra Nath Bhagat, Anirban Mitra and Neelamadhab Padhy	26.9.2020 & 11.00-11.15am
2.	ICDECT_2020_paper_146	Concept of Color utilization and its application in Knowledge Graph Visualization	Subhankar Guha, Neelamadhab Padhy and Anirban Mitra	26.9.2020 & 11.15-11.30am
3.	ICDECT_2020_paper_185	An Automated approach for detection of Intracranial Haemorrhage using DenseNets	Dr.Avanija J, Gurram Sunitha, Dr.Reddy Madhavi K and Hitesh Sai Vittal R	26.9.2020 & 11.30-11.45am
4.	ICDECT_2020_paper_186	Analysis of COVID-19 Impacted Zones Using Machine Learning Algorithms	Ms.Sindhooja Abbagalla, Ms. Rupa Devi B, Mr.Anjaiah P and Dr.Reddy Madhavi K	26.9.2020 & 11.45-12.00pm
5.	ICDECT_2020_paper_187	Road Detection using Semantic Segmentation based Convolutional Neural Network for Intelligent Vehicle System	Deepak Kumar Dewangan and Satya Prakash Sahu	26.9.2020 & 12.00-12.15pm
6.	ICDECT_2020_paper_130	A data ware house system for university administration with UML schema and relational decisive approach	G.Sekhar Reddy	26.9.2020 & 12.15-12.30pm
7.	ICDECT_2020_paper_245	Detailed review on Breast Cancer diagnosis using different ML algorithms	Vandana Lingampally and Radhika K	26.9.2020 & 12.30-12.45pm
8.	ICDECT_2020_paper_284	Study of Comparison On Efficient Malicious URL Detection System using Data Mining Algorithms	Rajitha Kotoju and Vijaya Lakshmi Doddapaneni	26.9.2020 & 12.45-1.00pm
9.	ICDECT_2020_paper_235	Cloud Assisted Privacy-Preserving Optimized Distributed Association Rule Mining on e-Healthcare Data	Dr. M.N Faruk, Srinivas Aluvala and Vishali Sivalenka	26.9.2020 & 1.00-1.15pm
10.	ICDECT_2020_paper_241	Design and performance evaluation of monarch butterfly optimization-based artificial neural networks for financial time series prediction and Bimal Kar	Satyanarayana B, Sarat Nayak	26.9.2020 & 1.15-1.30pm
11.	ICDECT_2020_paper_184	Covid-19 Isolation Monitoring System	K. Reddy Madhavi, Ms.Y. Vijaya Sambhavi and Mr.Sudhakara M	26.9.2020 & 1.30-1.45pm
12.	ICDECT_2020_paper_155	IoT Enabled Entry in COVID Situation for Corporate Environments	Anil Kumar Sahu, Abhishek Singh and Anil Kumar Sahu	26.9.2020 & 1.45-2.00pm
		CSE TRACK-V at 26.9.2020 (2.00-4.30pm) A.Pavan (Main coordinator)-90300515 91 & D.Santhosh-9885385533 **Session Chair(s):** Dr. P. Kamakshi-9441930591, Dr. V. Shankar- 7661058883, Dr. Rajkumar Patra-9893305671		

S.No.	PAPER_ID	TITLE	Authors	Date &Time
1.	ICDECT_2020_paper_29	Capsule Networks for Classifying Conflicting Double-Handed Classical Dance Gestures	Shailesh S , Dr. Judy M V	26.9.2020 & 2.00-2.15pm
2.	ICDECT_2020_paper_32	Wormhole Attack Detection in Wireless Sensor Network Using SVM and Delay Per-Hop Indication	Asmita Singh, Atul Kumar Sah, Arun Singh, Bhavnesh Jaint and S. Indu	26.9.2020 & 2.15-2.30pm
3.	ICDECT_2020_paper_83	Privacy by Design Approach for Vehicular TripData using k-anonymity Perturbation	Dr Nanna Babu Palla, Kaladi Govinda Raju, Dr A Vinaya Babu Dr Burugapu Kameswara Rao	26.9.2020 & 2.30-2.45pm
4.	ICDECT_2020_paper_120	Malware Detection System using Ensemble Learning: Tested using Synthetic data	Raghav Kaushik and Mayank Dave	26.9.2020 & 2.45-3.00pm
5.	ICDECT_2020_paper_127	CreepOnto: An Avant-Garde Scheme for Framing and Evaluating Ontologies Using Domain Knowledge of Creep Mechanism	Saicharan Gadamshetti, Shiddhartha.R, Gerard Deepak, Santhanavijayan A	26.9.2020 & 3.00-3.15pm
6.	ICDECT_2020_paper_152	5G Enabled Industrial Internet of Things(IoT) Architecture for Smart Manufacturing	V Chandra Shekhar Rao, Msb Phridwiraj, S Venkatramulu and Voore Subba Rao	26.9.2020 & 3.15-3.30pm
7.	ICDECT_2020_paper_252	On The Use Of Region Convolutional Neural Networks For Object Detection	M. Sushma Sri, B. Rajendra Naik, K. Jayasankar, B. Ravi and P. Praveen Kumar	26.9.2020 & 3.30-3.45pm
8.	ICDECT_2020_paper_273	Performance analysis of vehicular network scenarios using SUMO and NS2 simulators	K Raja Kumar, Nagarjuna Karyemsetty and Badugu Samatha	26.9.2020 & 3.45-4.00pm
9.	ICDECT_2020_paper_247	Authorship Attribution using Filtered N-grams as Features	Manan Singh and Kavi Narayana Murthy	26.9.2020 & 4.00-4.15pm
10.	ICDECT_2020_paper_147	Performance Analysis Of Polycystic Ovary Syndrome (Pcos) Detection System Using Neural Network Approach	Boomidevi R And Usha S	26.9.2020 & 4.15-4.30pm

Track VI on 26.9.2020 (2.00-4.30pm)
R. Srikanth (Main coordinator)-9440239688 & D. SrinivasaRao-9704245436
Session Chair(s): Dr. C. Venkatesh-9440031922, Dr. Rajagopal Veramalla-9392114063, Dr. Subba Rao Akkala-7416404566

S.No.	PAPER_ID	TITLE	Authors Names	Date &Time
1.	ICDECT_paper_25	A simple method to detect partial shading in PV systems	U. Malavya, R. Chander K. Sumalatha	26.9.2020 & 2.00-2.15pm
2.	ICDECT_2020_paper_75	An Intelligent ANFIS Controller Based PV Custom Device To Improve Power Quality	Manju Sree Yalamanchili and Angatha Veera Venkata Sudhakar	26.9.2020 & 2.15-2.30pm
3.	ICDECT_2020_paper_196	Load Immune Based Stator Incipient Faults Detection Algorithm for Three-Phase Electrically-Excited Synchronous Motor	Sridhar Challagolla and Neerukonda Rama Devi	26.9.2020 & 2.30-2.45pm
4.	ICDECT_2020_paper_232	Neuro-Wavelet Approach of SVC Compensated Six-terminal Transmission line Protection with	Manju Sree Yalamanchili, Venkatesh	26.9.2020 & 2.45-3.00pm

		Hybrid Generation	Challa and Sudhakar Angatha Veera Venkata	
5.	ICDECT_2020_paper_72	A Microstrip Patch Antenna Design with Two Ground Slots for 5G Mobile Applications	Meghana Florence Lakkapaka, M.S Anuradha, B Komuraiah, Raju Veerat	26.9.2020 & 3.00-3.15pm
6.	ICDECT_2020_paper_233	Half-circled Fractal Boundary Linearly Polarized Triangular Patch Antenna for Wireless Applications	Venkateshwar Reddy V,	26.9.2020 & 3.15-3.30pm
7.	ICDECT_2020_paper_229	Assessment Techniques in Engineering Education – Tools and Strategies of the Faculty	Balarama Krishna Chebolu, Ravi Kiran Goolla, Ravindar Boini and Archana Reddy Rondla.	26.9.2020 & 3.30-3.45pm
8.	ICDECT_2020_paper_239	Evaluation of particle size, lattice strain and estimation of Mean square amplitudes of vibration, Debye Waller factor and Debye temperature for metal oxide nanoparticles Endla	Dr. Purushotham	26.9.2020 & 3.45-4.00pm
9.	ICDECT_2020_paper_144	Teaching "Design Thinking" using "Project Based Learning" Model to Undergraduate students through EPICS Course	Ram Deshmukh and Mujahid Irfan	26.9.2020 & 4.00-4.15pm
10.	ICDECT_2020_paper_67	Miniaturized Printed Bowtie Antenna For WLAN Applications	Srividya Punnam, Dr. Akkala Subba Rao and Dr . B. Rama Devi	26.9.2020 & 4.15-4.30pm

Dr. B. Rama Devi
Professor & HoD-ECE,
Program Chair, ICDECT-2020