

**3RD INTERNATIONAL CONFERENCE ON
COMMUNICATION, CIRCUITS AND SYSTEMS (IC3S 2020)
KIIT DU, BHUBANESWAR, INDIA**

Day-1 (Friday, 16/10/2020)

Events (VIRTUAL MODE)

**10.00 - 11.00 AM Inagural Function
(Join in Zoom Meeting ID: 555 349 3548 ; Passcode: ic3s2020)**

Session I

**Plenary Talk I: 11.30 AM -1.00 PM, Speaker: Prof. Ajoy Kumar Ray, Padma Shri, Director JISIASR Kolkata
Co-ordinator: Dr. S. K. Sabut Zoom Meeting ID: 555 349 3548 ; Passcode: ic3s2020**

4 - 5.30 PM	Track 1		Track 2		Track 3	
	Google Meet ID	uud-jvwg-qma	Google Meet ID	mti-sjdd-tnh	Google Meet ID	fmp-bdtd-zww
	Intelligent Computing		VLSI & Embedded System		Advances in Communication Engineering	
	6 papers		5 papers		6 papers	
	Chair: Prof. B. Pati, RD University, BBSR		Chair: Dr. P. Karuppanan, MNIT Jaipur		Chair: Dr. B. Patnaik, IIT Bhubaneswar	
	Co-chair: Dr. Tejaswini Kar		Co-chair: Dr. J.K. Das		Co-chair: Dr. Anupama Senapati	
	Paper ID:	Paper Title	Paper ID:	Paper Title	Paper ID:	Paper Title
		Comparison between LSTM and RNN 17 Algorithm for Speech to Speech Translator		Interactive and Non-Interactive Control Based Lossless Grounded Negative Inductance Simulator Using Current 18 Differencing Buffered Amplifier		COPLANAR WAVE GUIDE FED DUAL BAND ANTENNA LOADED WITH METAMATERIAL 47 SPLIT RING RESONATOR
		Detecting diseased leaves using Deep Learning 34		Design of Low Power Multipliers using Approximate Compressors 50		Automation of Soil nutrient measurement system and irrigation control 79
		Performance Evaluation of different Machine Learning Techniques for Detection of Non-technical Loss 60		Performance Evaluation of Perovskite Solar Cells at Elevated Temperatures 83		Design and Development of a Ultra-Wideband Millimetre-Wave Antenna for Short-Range High-Speed Communication 95
		An Overview with current advances in Industrial Internet of Things (IIoT) 63		Crosstalk Noise reduction in long wire interconnects using MTCMOS repeaters 97		Design and analysis of PZT based piezoelectric speakers 117
		Blockchain Enabled and Changeable Threshold based Group Specific Multiple Keys' Negotiation 86		Design T-Shape Piezoelectric Cantilever Beam using Finite Element Methods Using SCI-LAB & COMSOL 110		Hardware design of a turbo product code decoder 125
	Academic Students Attendance System: A case study of Alexa skill development 5				Intensification of Bandwidth, Return Loss and Gain of Ultra Wide Band Microstrip Antenna with Single Band Notch (U-Slot) 137 Characteristics	
All the sessions except inaguration will be through Google Meet						

**3RD INTERNATIONAL CONFERENCE ON
COMMUNICATION, CIRCUITS AND SYSTEMS (IC3S 2020)
KIIT DU, BHUBANESWAR, INDIA**

Day-2 (Saturday, 17/10/2020)

Session II

Time **Events**

**Plenary Talk II: 11.30 AM -1.00 PM Speaker: Prof. Raja Datta, IIT Kharagpur (Title: 5G AND BEYOND: WHAT IS NEW?)
Co-ordinator: Dr. Anupama Senapati Meeting ID: ytf-jyks-bxj**

9.30-11 AM	Track 1	Track 2	Track 3
	Google Meet ID uud-jvwg-qma	Google Meet ID mti-sjdd-tnh	Google Meet ID fmp-bdtd-zww
	Signal Processing	Intelligent Computing	Advances in Communication
	6 papers	7 papers	6 papers
	Chair: Prof. Malaya Hota, VIT Vellore	Chair: Prof. N. Londhe, NIT Raipur	Chair: Prof. Biabaswata Mohapatra, Galgotia University
	Co-chair: Dr. Sananda Kumar	Co-chair: Dr. Vimal Srivastava	Co-chair: Dr. Sraddhanjali Mohapatra
	Paper ID: Paper Title	Paper ID: Paper Title	Paper ID: Paper Title
	Block based Local Binary Pattern for Recognition of Handwritten Odia Numerals 58	Speech to sign language conversion using Neuro Fuzzy Classifier 89	Design of Multi-Utility Bottleneck Horn Antenna for Ku, K, and Ka-Band Applications. 138
	64 Video Indexing Through Human Face Acquisition and Analysis of Skin Impedance in Parkinson's Disease 66	Prediction of speed for smart insulin pump utilizing Adaptive Neuro Fuzzy Inference System and ANN 102	Signal Propagation Modeling on the Inner Surface of Human Arm 150
	Implementation of Transfer Learning Technique for the Detection of Covid-19 85	Curvelet Transform and ISODATA Thresholding for Retinal Vessel Extraction 108	Energy and Direction Aware Routing Protocol for Flying Ad hoc Networks 161
	A comparative analysis of BTC variants 96	Intelligent Analysis of X-ray Images for Detecting Bone Abnormality in Upper Extremities 123	Lobe Correction of a Miniaturized Microstrip Antenna using SIW Cavity 198
	GPS and GSM enabled Smart Blind Stick 99	Intelligent Analysis of X-ray Images for Detecting Bone Abnormality in Upper Extremities 123	Multiband Ultrathin terahertz metamaterial absorber for sensing application 212
		Swarm Optimization of Multiple UAVs for Resource Allocation in Humanitarian Aid and Disaster Relief Operations 124	MIMO OFDM OUTDOOR CHANNEL ESTIMATION USING SPARSE MOMENTUM FRACTIONAL ADAPTIVE FILTER 219
		Multiple Object Detection and Tracking using Deep Learning 127	

Session III

**Plenary Talk III: 4.30 -6.00 PM, Speaker: Prof. Sherif Sherif, University of Manitoba, Canada
Co-ordinator: Prof. Shruti Singh Meeting id: taf-qkro-vdq**

2.30- 4.00PM	Track 1	Track 2	Track 3
	Google Meet ID uud-jvwg-qma	Google Meet ID mti-sjdd-tnh	Google Meet ID fmp-bdtd-zww
	Signal Processing	Intelligent Computing	Control
	7 papers	6 papers	6 papers
	Chair: Prof. Mihir Mohanty, SOA DU	Chair: Prof. S. Sahoo, SOA DU	Chair: Dr. Avadh Pati, NIT Silchar
	Co-chair: Prof. Sarita Nanda	Co-chair: Prof. B.N. Rao	Co-chair: Dr. Sunil Mishra
	Paper ID: Paper Title	Paper ID: Paper Title	Paper ID: Paper Title
	Drowsiness and Yawn Detection System using Python 119	Blood Donation Management System using Android Application 130	Energy Storage system analysis and optimization for photovoltaic based Pico Hydro system in remote village 35
	Comparative Study of Skin Lesion Segmentation and Feature Extraction in Different Color Spaces 140	Reinforcement Learning for Improving Coherence of Multiturn responses in Deep Learning Based Chatbots 134	Harmony Search Optimization based Direct Estimation of Harmonic Components 187
	Detection of Brain Tumor from MR images using BWT and SOM-SVM with Authentication 152	Cyberbully Detection Using 1D-CNN and LSTM 139	Di-zeta converter based solar-wind generating system with a novel SMES-Battery hybrid energy management 188
	Wavelet Transform For Signal Compression In Sparse Algorithms Extracellular Conductivity and Nerve Signal Propagation: An Analytical Study 174	Recognition Of Handwritten Digit In Free Space Performance Evaluation based on Classification of Web Log Data: A Machine Learning Approach 157	Invasive Weed Optimized Drift Parameter involved Differential Protection Scheme EBN-Net: A Thermodynamical Approach to Power Estimation Using Energy-based Multilayer Perceptron Networks 176
	Performance Comparison of LSTM Models for Speech Emotion Recognition 185	Classification and Analysis of Water Quality using Machine Learning Algorithms 171	Exploring Novel Techniques to Detect Aberration from Metal Surfaces in Automobile Industries 21
	Implementation of Low-cost and Low-Power based Temperature and Air-Quality Monitoring System for a Local Area in Odisha 14		

All the sessions except inauguration will be through Google Meet

