

CONFERENCE SCHEDULE
2nd INTERNATIONAL CONFERENCE (ONLINE) ON INNOVATIONS IN
COMMUNICATION COMPUTING AND SCIENCES (ICCS-2020)

24th -25th JULY, 2020

ORGANIZED BY DEPARTMENT OF ECE, CEC, LANDRAN

Day-1 (24/07/2020)	
TIME	INAUGURATION CEREMONY
09:45-09:55	Welcome Address by Anchor
09:55-10:00	Lamp Lighting
10:00-10:10	Address by Hon'ble Management
10:10-10:20	Address by Chief Guest – Prof. (Dr.) K.K. Aggarwal, Chairman, NBA, India
10:20-10:30	Address by Guest of Honor – Prof. (Dr.) Elangovan Rajagopalan, Former Scientist ISRO, Ex-Colleague Dr. APJ Abdul Kalam
10:30-10:40	Address by Guest of Honor – Dr. Ashwani Kumar, Monmouth College Illinois, USA
10:40-10:45	Release of Conference Proceedings
10:45-10:55	Address by Prof. John Lu, University of Huddersfield, United Kingdom
10:55-11:05	Address by Prof. Minvydas Ragulskis, Kaunas University of Technology, Kaunas, Lithuania
11:05-11:15	Address by Dr. Haris Rudianto, Gunadarma University, Indonesia
11:15-11:20	Vote of Thanks by Conference General Chair, HOD ECE
Link for Inauguration Ceremony: https://us02web.zoom.us/j/84950725546	
Online Mode of Paper Presentation Session's (Zoom Platform)	
DAY-1 (24/07/2020) SESSION – 1 TIME: 14:00 –16:30	DAY-1 (24/07/2020) SESSION – 2 TIME: 14:00 –16:30
Link for session 1: https://us04web.zoom.us/j/7715016901?pwd=QkovTSt4anEweVVsb2p6clI4M0tBUT09 Meeting ID: 771 501 6901 Passcode: 123	Link for session 2: https://us02web.zoom.us/j/88049093168
Paper IDs: 4,5,8,15,18,21,36,69,75,82,89,98,100,105,112,129 130,133,139,142,144,166.	Paper IDs: 6,11,17,22,24,25,28,30,34,37,42,44,51,77,78,83,88, 106,123,134,138,140.
Day-2 (25/07/2020)	
10:00-10:40	Keynote Address by Prof. Rajesh Khanna, Thapar University, Patiala, Punjab
Link for Keynote Address: https://us02web.zoom.us/j/5080461529?pwd=aWdpaWZiWmRZSm5hTURIVkNWRDZYUT09 Meeting ID: 508 046 1529 Passcode: 123	
DAY-2 (25/07/2020) SESSION – 3 TIME: 10:45 – 13:00	DAY-2 (25/07/2020) SESSION – 4 TIME: 10:45 – 13:00
Link for session 3: https://zoom.us/j/92578487411?pwd=Q2JLU1ExTzNMU1c2MHdyNThmVU1Udz09 Meeting ID: 925 7848 7411 Passcode: 123	Link for session 4: https://us04web.zoom.us/j/77874316895?pwd=SHoxSFISaGRnUVNsZUFxVGpPUDd3dz09 Meeting ID: 778 7431 6895 Passcode: 123
Paper IDs: 1,2,32,48,53,63,81,86,99,101,114,116,119,131, 137,143,148,152,153,156,158,160	Paper IDs: 3,9,20,68,73,92,93,97,102,110,115,118,120,135,136 145,146,155,157,164,165,167
VALEDICTORY CEREMONY	
14:00-14:10	Welcome of all and conclusion of the conference by Anchor
14:10-14:20	Address by Guest of Honor – Prof.(Dr.) Jatinder Madan - CCET, Sec-26, Chandigarh
14:20-14:30	Address by Patron, Dr. P.N. Hrisheeksha, Campus Director, CGC, Landran
14:30-14:35	Vote of Thanks by HOD ME
Link for Valedictory Ceremony: https://us02web.zoom.us/j/82699955687	

ICCS 2020 Day -1 (24/07/2020)	
Paper ID	Day -1 (24/07/2020, Time- 14:00 –16:30) Session-1
4	A New Approach For K-Means Based Clustering Algorithm For Energy-Efficient Big Data Gathering Algorithm, <i>Rinkesh Mittal and Manisha Singh</i>
5	Optimized Dynamic Clustering to Improve the Network Efficiency in IoV (Internet of Vehicles), <i>Falah Noor, Pooja Sahni and Sukhdeep Kaur</i>
8	Video Forgery Detection using Deep Convolution Neural Network, <i>Abhishek Thakur and Neeru Jindal</i>
15	Study of Textile Antenna Designs for ISM and cellular bands <i>Sandeep Bajaj, Hardeep Singh Saini and Tara Singh Kamal</i>
18	Design and Simulation of Dual notch UWB Antenna for wireless application <i>Sukhdeep Kaur, Rakhi Sharma, Pooja Sahni and Kuldeep Sharma</i>
21	Simulation Analysis of Antenna Coupling Factor for Airborne Applications <i>Vijaya Teja Swaroopa Geesala and Shaik Saymeer</i>
36	Development of cost effective PMS with efficient utilization of Resources <i>Dr. Pankaj Bhambri, Dr. Vijay Kumar Sinha and Dr. Inderjit Singh</i>
69	Glaucoma And Diabetic Retinopathy Diagnosis Using Machine Learning <i>Jaya T and Infanta Nirmitha.A</i>
75	Parameter Aware Sensing Clustering (PASC) Protocol for Wireless Sensor Network for Apple Crop Monitoring <i>Firasath Nabi, Sanjay Jamwal and Kumar Padmanbh</i>
82	Unification of KYC Process Using Blockchain <i>Tina P, Shravya A, Vedant Jain and Niharika Kumar</i>
89	A Comparative Study on Applications, Tools and Techniques of Deep Learning <i>Shagun Sharma and Ram kumar KettiRam chandran</i>
98	Deep Q Learning And Its Variants: A Concise Review <i>Km Vaishali Rastogi, Anand Prakash Shukla and Anubhav Patrik and Navin Kumar Mittal</i>
100	Indices Based Land Use Classification Using SVM <i>R Avudaiammal, P.Elaveni, P.S Nancy and S Pavithra</i>
105	Two fold security on Cloud CRM using Hashing and Role based security <i>Neeraj, Umesh Kumar and Sapna Gambhir</i>
112	Identification And Classification Of Paddy Ailments By Modified Inception Architecture Using Network Learning Technique <i>C. Shobana Nageswari, C. Raveena, E. Yogashree, M. Vasaknavi</i>
129	Sentimental Analysis on Covid-19 Twitter data using Convolutional Neural Network (CNN) <i>Ms. Priya Verma, Ms. Ritu Gupta, Ms. Srishti Varma, Dr. Abhilasha Singh, Mr. Arun Kumar</i>
130	Security Issues in Encrypting Cloud Data <i>Ms. Srishti Varma, Ms. Ritu Gupta, Ms. Priya Varma, Dr. Abhilasha Singh, Mr. Arun Kumar</i>

133	Design & simulation of dual notch band UWB Antenna for GPS, Bluetooth, 3G, 4G, and close range radar applications <i>Rakhi Sharma, Sukhdeep Kaur, Kuldeep Sharma, Pooja Sahni</i>
139	An Empirical Study of Machine Learning Techniques for Air Quality Prediction <i>Anushka Chadha and Sumita Gupta</i>
142	Fuzzy Pairwise Gamma Pre-Continuity And Fuzzy Pairwise Gamma Pre-Compactness In Fuzzy Bitopology <i>A. Nagoor Gani and J.Rameeza Bhanu</i>
144	Smart Trash Bin <i>Sheeja Nair and Ionut Cristian Scurtu</i>
166	Comparative Analysis Of Different UWB Fractal Shaped Antenna For 5G Applications <i>Houmera Khan, Harbinder Singh and Ankur Garg</i>
Paper ID	Day -1 (24/07/2020, Time- 14:00 –16:30) Session-2
6	Master Equation based Numerical Analysis of Single Electron Devices <i>Tarun Singhal, Abhishek Sharma, Kuldeep Sharma and Aanchal Gupta</i>
11	Sparsity Based Adaptive Channel Estimation By Bacterial Foraging Optimization <i>Dr.Harpal Singh, Dr.Pradeep Gaur, Dr.Navneet Yadav and Yogita Gupta</i>
17	Real-Time Analysis of Electrical Machine's Health Condition based on Run Time Parameters, Rachna Manchanda <i>Dr. Sukhdeep Kaur and Dr. Amandeep Sharma</i>
22	Effect of different Viruses Attack in India <i>Dr. Pooja Singhal, Mrs. Nidhi Chahal and Sandeep Goel</i>
24	Sensors Technology and Power Consumption issue in Healthcare Environment: A Review <i>Ramanpreet Kaur, Bikram Pal Kaur, Ruchi Singla and Jaskirat Kaur</i>
25	Cavernous Dynamic Evaluation of MQTT Based Cloud of Things Integration with Assorted Platforms <i>Dr. Jyoti Prabha, Dr. Vishal Goar and Dr. Manoj Kuri</i>
28	Unified Approach to detect Covid-19 in patients <i>Pradeep Kumar Gaur, Parveen Singla, Vinay Bhatia, Gagandeep Kaur and Gurpreet Singh</i>
30	Integration of Two Diode Model Photovoltaic Cell & Wind Energy System with Better Efficiency <i>Mohit Srivastava, Sachin Mishra and Parveen Singla</i>
34	Powering the Electric Vehicle With a Dynamo Using Wind Energy <i>Kamalpreet Singh, Harbinder Singh, Harpal Singh and Mohit Srivastva</i>
37	A Novel Technique to Reduce Time Complexity for Solving the Electrical Circuit Using Lagrangian Formalism <i>Nidhi Chahal, Dr. Pooja Singhal and Parveen Singla</i>
42	Integrating Robotic Process Automation with Machine Learning for Incoming Customer Email Query Processing <i>Charu Jain, Aarti Chugh, Jhalak Chutani, Shyam Sundar and Ruben Thayil</i>
44	IOT Applications for Controlling Widespread Pandemic Disease <i>Sheeja Nair and Ionut Cristian Scurtu</i>
51	Diabetes Detection System <i>Dr. Shabina. G. Sayyed, Manavi Uttam Ghorpade and Chinmay Mahesh</i>

	<i>Deshpande</i>
77	Investigation of Non Isolated DC-DC Converters used in Photovoltaic based Systems Using MATLAB simulation <i>Sajad Ahmad Tali and Dr. Faroze Ahmad</i>
78	Waste Monitoring and Management using IoT, <i>Dr. Vimal Kumar M N, Aakash Ram S, Rubesh C M, Sikkandar batcha M and Santhosh Kumar A G</i>
83	Analytical Analysis of GAA Si-NW-MOSFET to Suppress Short Channel Effects <i>Ritu Yadav, Kiran Ahuja and Davinder Singh</i>
88	Automatic LPG Leakage Alert System Using IoT <i>A.V Nageswararao and Y V Lakshmaiah</i>
106	Role of Cuckoo Hashing Technique for Duplicate packet mitigation in a Healthcare WBAN <i>Sapna Gambhir, Dr. Madhumita Kathuria</i>
123	Smart Medication Box And Patient Health Monitoring System Using IoT <i>G. SaravananI, R. Lakshmi Devi</i>
134	Automated detection of Ewing Sarcoma for Computer Aided Diagnosis <i>Harsha Munshi, Sparsh Chhikara, Abhilasha Singh, Ritu Gupta, Arun Kumar</i>
138	Current Challenges In Detection Of Parkinson's Disease <i>Ketna Khanna, Dr. Sapna Gambhir and Dr. Mohit Gambhir</i>
140	Design of Low Cost IoT Enabled Universal Wiring Harness Tester <i>Dr. S. P. Madhe, Dr. V. M. Upadhye and Dr. A. K. Joshi</i>
Paper ID	Day -2 (25/07/2020, Time- 10:45 –13:00) Session-3
1	A Variational Approach for Multifocus Image Fusion in DCT Domain <i>Sahar Iqbal and Harbinder Singh</i>
2	Area-Delay-Power Efficient Fixed-Point LMS Adaptive Filter With Low Adaptation-Delay <i>Nidhi Chahal and Samandeep Singh</i>
32	A Communication Aid For Deaf And Mute <i>Sreelakshmi R, Rinosha K R and Nithin Mohan</i>
48	Novel Chattering Alleviation Design For Nonlinear Systems With Mismatched Disturbances <i>Bhawna Tandon, Ashima Kalra and Parveen Singla</i>
53	Diagnosis of Osteoporosis from Knee X-rays using Local Binary Pattern <i>Insha Majeed Wani and Sakshi Arora</i>
63	Analysis of Text Detection, Extraction and Recognition from complex degraded Images and Videos <i>Digvijay Pandey, Binay Kumar Pandey, Dr. Subodh Wariya, Dr.Randy Joy M. Ventayen, Bilal Khan, Dr Monika Gupta and Dr. Tribhuwan Kumar</i>
81	Driver To Driver Communication Using Lora <i>Latha P, Bina Mounika, Divyashree. K, Evelin Kanimozhi and Priyanga S</i>
86	Reduction in Optical Transmission Impairments for WDM Coherent System by Utilizing PS-QPSK Modulation <i>Sunil Kumar Dahiya and Amit Kumar Garg</i>

99	Deep Learning Based Signal Detection In Underwater Wireless Optical Communication <i>R. Hema, S. Sudha, A. Ananthi , Harinie G and K. Gayathri</i>
101	Voice Controlled Autonomous Vehicle using IoT <i>Dr. M.N. Vimal Kumar, Snehalatha S, Swetha M and Saranya E</i>
114	SVM&GA-Clustering Based Feature Selection Approach For Breast Cancer Detection <i>Poonam Maurya and Alok Kumar</i>
116	A Semi-Automatic Brain Tumor Segmentation Method <i>Shibin Tomy Mathew and Dr. Amit Garg</i>
119	Multi-Level Indexing To Index Digital Documents <i>Sumita Gupta, Neelam Duhan and Poonam Bansal</i>
131	Hybrid TWDM passive optical system for next generation access networks <i>Ankur Singhal, Tarun Singhal, Dinesh Arora, Vinay Bhatia, Himanshu Sharma, Indu Bala, Parveen Singla, Abhishek Sharma, Deepak Dadwal</i>
137	Wavelet Transform based Robust Watermarking Scheme for Video Objects <i>Purnima A and Manbir Sandhu</i>
143	Artificial Intelligence and Quantum computing for a smarter wireless network <i>Rishiraj Sengupta, Dhritiraj Sengupta, Aashish Kumar Kamra and Digvijay Pandey</i>
148	Analysis of Data Security for Medical Images <i>Pushpanjali Singh and Dr. Harsh Vikram Singh</i>
152	Impact of Start Time on Switch-Controller Setup for Separate Communication Channels in SDN <i>Vishal Sharma, Priti Dimri and Bashir Alam</i>
153	A Multilevel Brain Tumor Segmentation Method <i>Shibin Tomy Mathew and Dr. Amit Garg</i>
156	Hierarchal Classification of Satellite Image using ANN Classifier <i>Mohit Srivastava, Sachin Mishra, Harpal Singh and Harbinder Singh</i>
158	A Change Detection Approach for SAR Images Using Modified Log Ratio and Median Filtering <i>Dinesh Kumar, Abhishek Sharma, Vinay Bhatia, Pardeep Gaur, Priyanka Sood, Tarun Singhal, Ankur Singhal and Tanya Garg</i>
160	Measurement of Bifurcation Features in Retinal Fundus Images <i>Jaskirat Kaur, Deepti Mittal and Ramanpreet Kaur</i>
Paper ID	Day -2 (25/07/2020, Time- 10:45 –13:00) Session-4
3	Performance Analysis of MRC-MINEC with Perfect CSI <i>Aanchal Gupta, Komal Arora and Tarun Singhal</i>
9	Face and Gait Features for Person Identification Using Convolution Neural Network <i>Namrata Chopra and Abhishek Thakur</i>
20	Agile methodology - A perfect SDLC model with some improvements <i>Nagendra Singh Yadav, Vishal Goar and Manoj Kuri</i>
68	Design Methodologies for low power and high speed full adder <i>Shikha Singh and Dr. Yagnesh B.Shukla</i>

73	Study of Variation of Corrugated Board Properties <i>Preeti Sharma, Mohit Kumar and Abhishek Saini</i>
92	A novel 64 Bit Multiplier design using Multi bit Flip based shift register and Carry Save Adder <i>Dr. Rajeev Shrivastava, Javeed Mohammad and Mallika Jain</i>
93	Design and Analysis of Low Power Dynamic Comparator with Reduced Delay <i>Neha Singh and Lalit Bandil</i>
97	Progressing with Extended Reality <i>Loksha V B, Banumathi D and Bhagya R</i>
102	Analysis of Nand Gate Based Phase Frequency Detector For Phase Locked Loop <i>Leela Bitla, Saraswathi Valmiki and Harsha Mario Akano</i>
110	Machine Learning With Application In Breast Cancer Detection Using DT-SVM Hybrid Model <i>Poonam Maurya and Alok Kumar</i>
115	Traffic-Aware Energy Efficient VM Migrations <i>Inderjit Dhanoa and Pankaj Bhambri</i>
118	A Novel Approach for Search Results Representation using Clustering and Ranking <i>Sumita Gupta, Neelam Duhan and Poonam Bansal</i>
120	Email Client Automation With RPA <i>Akshay P N, Nisarga Kalagi, Deeksha Shetty and Ramalingam H M</i>
135	Proposing a Referential Model for Software Development using Software Component Repository <i>Pradeep Kumar, Dr. Shailendra Narayan Singh and Dr. Sudhir Dawra</i>
136	ANALYSIS OF LOW POWER DESIGN TECHNIQUES FOR GNRFET AND CNTFET BASED DEVICES <i>Sarthak Sharma, Shubham Mahajan, Arvind Rehalia, Amit Kant Pandit, Sumeet Gupta and Anil Kumar Bhardwaj</i>
145	Different designing methodology of μm and nm CMOS technology based LNA for mm-Wave <i>Nitin Agarwal, Manish Gupta and Manish Kumar</i>
146	High Performance D Flip Flop Based On GNRFET <i>Prakhar Awasthi and Nitin Agarwal</i>
155	Computer Modelling of Tall Steel Composite Structures against Wind Loads using neural network <i>Bhupinder kaur Srao, Dr. Hardeep Singh Rai and Kulwinder Singh Mann</i>
157	Necessity of Implementing the digital technique in Construction Industry using BIM <i>Bhupinder kaur Srao, Hardeep Singh Rai and Dr. Kulwinder Singh Mann</i>
164	Reliability Evaluation of Grid Connected PV Inverter Considering Panel Degradation Rate and Oversizing at Indian Location <i>Sainadh Singh Kshatri, Javed Dhillon and Sachin Mishra</i>
165	Economic viability of solar PV based electric vehicle charging station in academic institutions <i>Mohit Bansal and Javed Dhillon</i>
167	Congestion Control and Security Aspects in WBAN <i>Navpreet Kaur Samra, Ramanpreet Kaur, Jaskirat Kaur</i>