



ICSCC
2021

8th International Conference on Smart Computing and Communications 1-3 July, 2021

Organized by: Muthoot Institute of Technology and Science, Kochi, India

www.icscc.online, icscc2021@mgits.ac.in

Conference Programme

Day 1: 01.07.2021 (Thursday)

ICSCC 2021: Inaugural Session

Time: 6.00 PM-8.00 PM (IST)

Join Zoom Meeting

<https://us02web.zoom.us/j/89724733941?pwd=TURROXNDVGF6Smp3akNyYjhNdIE2Zz09>

Meeting ID: 897 2473 3941

Passcode: MITS

Keynote Talk 1 Prof. Saifur Rahman, PhD Past-President, IEEE Power & Energy Society Joseph Loring Professor & Director Virginia Tech Advanced Research Institute, USA	Time: 6.30 PM-7.00 PM (IST) Title: AI and Machine Learning in System Load Forecasting Research
Keynote Talk 2 Mr. Vinod Tharakan Founder and Managing Director, ClaySys and Chairman of CU NextGen, USA	Time: 7.15 PM-8.00 PM (IST) Title: AI and the transition to a world of 'Abundance'

Day 2: 02.07.2021 (Friday)

Keynote Talk 3	Time: 9.00 AM-10.00 AM (IST)
Dr. Praful P. Pai Education Technical Evangelist, MathWorks, IN-Delhi	Title: Building Intelligent Systems- From Development to Deployment- AI / ML / DL Workflows in MATLAB & Simulink
	Join Zoom Meeting https://us02web.zoom.us/j/89767923836?pwd=UGEySnA2aGNDckthNHZEeEtNTEVHZz09
	Meeting ID: 897 6792 3836
	Passcode: MITS

ICSCC 2021 | Virtual Paper Presentations

Track 1: Smart Computing

Session 1: Smart Computing in Health Care

Date: 02.07.2021

Time: 10.30 AM-12.30 PM (IST)

Chair: Dr. Jayaraj P. B., NIT Calicut

Co-chair: Dr. Varun G. Menon, SCMS, Kochi

Session Managers: Prof. Rakhee M., MITS (+91-9895369648)

Prof. Asha Raj, MITS (+91-9495626861)

Google Meet Link: <https://meet.google.com/kbf-erbz-vxd>

Paper ID	Title & Authors	Date & Time
148	Segmentation of Brain Tumour in MR Images Using Modified Deep Learning Network <i>Sumit Tripathi, Taresh Sarvesh Sharan, Shiru Sharma, Neeraj Sharma</i>	02.07.2021 10.30AM-12.30PM (IST)
156	Lite-Deep : Improved Auto Encoder-Decoder for Polyp Segmentation <i>Geetha S., Gopakumar C, Shahid Haseem C, Arun Sreenivas, Aleena Maria John, Arathy A.S.</i>	
186	Comparative Study of Pretrained Network Feature Extraction and Classifiers for COVID-19 Detection <i>Aswathy A. L, Vinod Chandra S.S</i>	

231	Autism Spectrum Disorder Detection using the surface morphometric feature of sMRI in Machine Learning <i>Mayank Mishra, Umesh Chandra Pati</i>	02.07.2021 10.30AM-12.30PM (IST)
259	Prediction of Heart Stroke Using Support Vector Machine Algorithm <i>Harshita Puri, Jhanavi Chaudhary, Kulkarni Rakshit Raghavendra, Rhea Mantri, Kishore Bingi</i>	
298	Analysis of Idiopathic Pulmonary Fibrosis Through Machine Learning Techniques <i>Upasana Chutia, Anand Shanker Tewari, Jyoti Prakash Singh</i>	

Track 2: Communication and Signal Processing

Session 1: Communication and Signal Processing 1

Date: 02.07.2021

Time: 10.30 AM-12.30 PM (IST)

Chair: Dr. Sudhish N. George, NIT Calicut

Co-chair: Dr. Jaison Jacob, RSET, Kochi

Session Managers: Dr. Selvia K, MITS (+91-9847021762)

Prof. Anjali S V, MITS (+91-9567432725)

Google Meet Link: meet.google.com/vgb-biws-veu

Paper ID	Title & Authors	Date & Time
232	Detection and Grading of Multiple Fruits and Vegetables Using Machine Vision <i>Renju Rachel Varghese, Pramod Mathew Jacob, Sooraj S, Daniel Mathew Ranjan, Jino Cherian Varughese, Hegsymol Raju</i>	02.07.2021 10.30AM-12.30PM (IST)
281	Performance Comparison of Adaptive Algorithms in Identifying Clear Air and Rain Echoes in the 205 MHz-ST Radar Framework <i>Dhanya.R, Anju Pradeep, Abhilash S, Mohanan P</i>	
287	Inherent Safer Design Approaches and Improvement Strategies in Process Industries <i>Baiju Karun, Dr.V.R. Renjith, Dr.Sudheep Elayidom</i>	
301	Image Mosaicing for Neonatal Fundus Images <i>Aruna K A, Vrinda S Anil, Anju Anand, Anagha Jaysankar, Anjali Venugopal, K L Nisha, G Sreelekha</i>	
305	Effect of Geometrical Parameters of Nonspiral microcoils on the Magnetic field Generation for Microactuating Applications <i>Krishnapriya S., Dr.Rama Komaragiri, Dr.Suja K.J</i>	

Track 6: Power Systems, Energy Systems and Power Electronics

Session 1: Power, Energy and Power Electronics

Date: 02.07.2021

Time: 10.30 AM-12.30 PM (IST)

Chair: Dr. Jayasankar V N, NIE, Mysuru

Co-chair: Dr. Suhara E M, GEC, Thrissur

Session Managers: Prof. Tony Mathew, MITS (+91-9447509337)

Prof. Ramakrishnan P V, MITS (+91-8848439721)

Google Meet Link: <http://meet.google.com/viz-kuzd-wjn>

Paper ID	Title & Authors	Date & Time
55	Residential Demand Side Management Using Artificial Intelligence <i>Ajith Vijayan, Venugopalan.K, Dr.Jani Das</i>	02.07.2021 10.30AM-12.30PM (IST)
102	Green Radio Technology for Energy Saving in Cellular Towers with Embedded Systems and IOT <i>Ayan Bhattacharya, Balanagu Yashwanth, F. V. Jayasudha</i>	
193	Review on Waste Heat Energy Harvesting using TEG: Applications and Enhancements <i>Preethi A, Nazir Nadaf</i>	
208	Classification of Power Quality Disturbances in Emerging Power System with Distributed Generation Using Space Phasor Model and Normalized Cross Correlation <i>Ravishankar Shaligram Kankale, Dr. Sudhir Paraskar, Dr. Saurabh Jadhao</i>	
261	Portable Solar PV based Water Purification System for Subcontinent Conditions <i>Sangari A, Sivamani D, Anto Sheeba J, Jayasree K, Nazar Ali A, Kavitha J</i>	
263	Implementation of Unified Power Flow Conditioner with SMC and FLC for Power Factor Improvement <i>Jayashree K, Sangari A, Anto Sheeba J, Sivamani D, Shyam D, Nazar Ali A</i>	

Track 6: Power Systems, Energy Systems and Power Electronics

Session 2: Control Systems, Modeling and Machine Learning

Date: 02.07.2021

Time: 10.30 AM-12.30 PM (IST)

Chair: Dr. Anju S Pillai, Amrita Vishwa Vidyapeetham

Co-chair: Dr. Elizabeth Rita Samuel, RSET, Kochi

Session Managers: Prof. Preenu Paul, MITS (+91-9446914458)

Prof. Ajish P J, MITS (+91-8289839414)

Google Meet Link: <http://meet.google.com/wer-qqcf-bik>

Paper ID	Title & Authors	Date & Time
141	Chaotic Time Series Prediction Model for Fractional-Order Duffing's Oscillator <i>Kishore Bingi, B Rajanarayan Prusty</i>	02.07.2021 10.30AM-12.30PM (IST)
198	Automated cardiac condition diagnosis using AI based ECG analysis system for school children <i>Praveen Mohandas, Aswin P R , Antony John, Midhun Madhu, Gylson Thomas, Venugopalan Kurupath</i>	
236	Wireless Programmable Healthy Neural Stimulator Prototype <i>Ganesh Lakshmana Kumar Moganti, P Yashoda Rishita</i>	
304	Single Channel EEG Signal Enhancement in Presence of EMG artifact using ELM based Regressor <i>Chinmayee Dora, Pradyut Kumar Biswal, Figlu Mohanty</i>	
315	Stabilization of Rotary Inverted Pendulum using PID Controller <i>Adharsh Lal M, Anas Kunjumuhammed, Jithin Tomy, Urmila G, Meera Sivadas , Ambili Mohan</i>	

<p>Keynote Talk 4</p> <p>Prof. Yann Busnel Full Professor, IMT Atlantique, Bretagne-Pays de la Loire Head of SRCDD department (Network Systems, Cyber security and Digital Law), Rennes Campus, France</p>	<p>Time: 1.00 PM-1.45 PM (IST)</p> <p>Title: How self-organisation and decentralisation should make a smarter world?</p> <p>Join Zoom Meeting https://us02web.zoom.us/j/89477126381?pwd=YVcwOEVzL1Y5UIV0R3pFNmt6QTJlZz09 Meeting ID: 894 7712 6381 Passcode: MITS</p>
<p>Keynote Talk 5</p> <p>Prof. Philippe Descamps Full Professor, Director of Research and Development at ESIGELEC/IRSEEM, Director of IRSEEM laboratory, Institute of Research in Embedded Electronic Systems, France</p>	<p>Time: 2.00 PM-2.45 PM (IST)</p> <p>Title: Embedded electronic systems applied to Industry, Transport and Health: new needs, new uses, new challenges, new applications</p> <p>Join Zoom Meeting https://us02web.zoom.us/j/89477126381?pwd=YVcwOEVzL1Y5UIV0R3pFNmt6QTJlZz09 Meeting ID: 894 7712 6381 Passcode: MITS</p>

<p>ICSCC 2021 Virtual Paper Presentation</p>	
<p>Track 1: Smart Computing</p> <p>Session 2: Smart computing in Predictive Analytics</p> <p>Date: 02.07.2021</p> <p>Time: 03.00 PM-04.30 PM (IST)</p> <p>Chair: Dr. Deepak Padmanabhan, Queens University Belfast, UK Co-chair: Prof. Nisha S Raj, SCMS, Kochi Session Managers: Prof. Uma Narayanan, MITS (+91-8089541154) Dr. Priya C V, MITS (+91-9656370364)</p> <p>Google Meet Link: https://meet.google.com/qzu-hcka-yfq</p>	

Paper ID	Title & Authors	Date & Time
110	Flood Forecasting Using Machine Learning: A Review <i>Parag Ghorpade, Aditya Gadge, Akash Lende, Hitesh Chordiya, Gita Gosavi, Asima Mishra, Basavaraj Hooli, Yashwant S. Ingle, Nuzhat Shaikh</i>	02.07.2021 3.00 PM-4.30 PM (IST)
185	Application of Machine Learning and Statistics in Banking Customer Churn Prediction <i>Animesh Shukla</i>	
257	Prediction of Turbidity in Beach Waves Using Nonlinear Autoregressive Neural Networks <i>Jhanavi Chaudhary, Harshita Puri, Rhea Mantri, Kulkarni Rakshit Raghavendra, Kishore Bingi</i>	
268	Analysing and Identifying Crucial Evidences for the prediction of False Information proliferated during COVID-19 Outbreak: A Case Study <i>Deepika Varshney, Dinesh Kumar Vishwakarma</i>	
272	Forecasting of Water Quality for the River Ganga using Univariate Time-series Models <i>Aishwarya Premlal Kogekar, Rashmiranjan Nayak, Umesh Chandra Pati</i>	

Track 2: Communication and Signal Processing

Session2 : Communication and Signal Processing 2

Date: 02.07.2021

Time: 03.00 PM-04.30 PM (IST)

Chair: Dr. Sameer S M, NIT Calicut

Co-chair: Dr. Renu Jose, RIT, Kottayam

Session Managers: Dr. Arunkant A , MITS (+91-9895605473)

Prof. Emmanuel Tom, MITS (+91-9947954348)

Google Meet Link: meet.google.com/iof-hitk-xnn

Paper ID	Title & Authors	Date & Time
41	Investigation on Miniaturization Feasibility of the Pixel Antenna for Small Satellite Footprints <i>Milind Thomas Themalil, Satya Singh, Ravneet Kaur, Divanshu Jain, Gustavo Sanchez, Mayank Sharma</i>	02.07.2021 3.00 PM-4.30 PM (IST)
149	Flight Strategy For Fixed Wing Pseudo Satellite To Achieve Maximum Endurance <i>Austin Davis, Deepa K</i>	
	A Novel Cough Detection Algorithm for COVID-19 Surveillance at Public Places	

176	<i>Deepak Sreedharan, Subodh Raj M. S., Sudhish N. George, Ashok S.</i>	02.07.2021 3.00 PM-4.30 PM (IST)
274	A Novel Approach to Solve Sporadic Interrogation in Tracking System During Transonic Ascent Flight of Satellite Launch Vehicles <i>Indu Gopan, Muhammed Suhail S, Sherly Joy, Mukundan K K</i>	
294	Impact of AMR-WB Codec on VoLTE Call Blocking in Cellular LTE Network <i>Hemanta Kumar Pati, Mohan Kumar Dehury</i>	

Track 3:Technology (Systems for a secure world)

Session1 : Security and Networking

Date: 02.07.2021

Time: 03.00 PM-04.30 PM (IST)

Chair: Dr. Panchami V, IIIT Kottayam

Co-chair: Dr. Sangeetha Jose, GEC, Idukki

Session Managers: Prof. Fasila K A, MITS (+91-9995398235)

Prof. Jency Thomas, MITS (+91-9961769130)

Google Meet Link: <https://meet.google.com/auw-jjqv-fzp>

Paper ID	Title & Authors	Date & Time
91	Reinforcement Learning Based Link Adaptation in 5G URLLC <i>Praveen S, Jihans Khan, Lillykutty Jacob</i>	02.07.2021 3.00 PM-4.30PM (IST)
99	Comparison Of Three Routing Protocols In-Terms Of Packet Transfer Using IPv6 Addressing <i>Rishav Pal, Rishabh Kushwaha, Rahul Singh Tomar, Ruchi Tripathi</i>	
178	A Survey on Secured Data Sharing using Ciphertext Policy Attribute Based Encryption in Cloud <i>Thushara G A, Dr.S. Mary Saira Bhanu</i>	
189	Experimental Study on Malware Detection in Executable Files using Machine Learning <i>Anurag Sharma, Suman Mohanty, Dr. Md. Ruhul Islam</i>	
247	Contextual Semantic analysis on Blogs/Websites and its Credibility <i>Sreela Sasi, Sai Tarun Gollapudi</i>	

Track 3:Technology (Systems for a secure world)

Session 2 : Computer Vision

Date: 02.07.2021

Time: 03.00 PM-04.30 PM (IST)

Chair: Dr. Kumar Rajamani, Philips

Co-chair: Dr. Rajesh Cherian Roy, MITS

Session Managers: Prof. Jisha James, MITS (+91-8943033431)

Prof. Rakhee M., MITS (+91-9895369648)

Google Meet Link: <https://meet.google.com/tbk-repw-ibn>

Paper ID	Title & Authors	Date & Time
73	Wheat Awns Detection <i>Yash Rathi, Movva Nitin Datta, Aswathy K. Cherian</i>	02.07.2021 3.00 PM-4.30 PM (IST)
217	Indian Sign Language Gesture Recognition using Deep Convolutional Neural Network <i>Varsha M, Chitra S Nair</i>	
220	A block based parallel ZM-SPECK algorithm <i>Yusra Meraj, Ekram Khan</i>	
245	An Advanced Facial Expression Detection using Deep Neural Network <i>Arnold Sachith A Hans, Mohit Bansal, Dr. Smitha Rao</i>	
299	Helmet Detection Using Faster Region-Based Convolutional Neural Networks and Single-Shot MultiBox Detector <i>Prajval Mohan, Pranav Narayan, Lakshya Sharma, Anand M.</i>	

Track 5: Smart Embedded Systems

Session1 : IoT and Computer vision

Date: 02.07.2021

Time: 03.00 PM-04.30 PM (IST)

Chair: Dr. Bijoy A Jose, CUSAT

Co-chair: Dr. Shobha G, MITS

Session Managers: Dr. Krishnapriya S, MITS (+91-9497316539)

Prof. Binu Manohar, MITS (+91-9895062779)

Google Meet Link: <http://meet.google.com/fdu-iypj-com>

Paper ID	Title & Authors	Date & Time
92	Obstacle Detection and Avoidance For Mobile Robots Using Monocular Vision <i>Venkat Raman Nagarajan, Pavan Singh</i>	02.07.2021 3.00 PM-4.30 PM (IST)
130	Smart Buggy: An IoT Based Smart Surveillance Robotic Car Using Raspberry Pi <i>Safa Mohammed Sali, K R Joy</i>	
199	Automated Fish Feed Detection in IoT Based Aquaponics System <i>Jerry John, Mahalingam P.R</i>	
227	An Intelligent Monitoring System for Water Quality Management using Internet of Things <i>Dr.R.Rathna, U.V.Anbazhagu, L.Mary Gladence, V.Maria Anu, J.Sybi Cynthia</i>	
229	IoT based smart waste management system <i>Anagha Gopi, Jeslin Anna Jacob, Riya Mary Puthumana, Rizwana A K, Krishnapriya S, Binu Manohar</i>	

<p>Keynote Talk 6</p> <p>Dr. Jeffrey Chuang Professor, The Jackson Laboratory for Genomic Medicine, Connecticut, USA</p>	<p>Time: 5.30 PM-6.15 PM (IST)</p> <p>Title: Artificial Intelligence approaches for Biomedical Image Analysis</p> <p>Join Zoom Meeting https://us02web.zoom.us/j/87340645390?pwd=eDlpWERWMDd5TmJHQ1g4MnVpKzI1dz09</p> <p>Meeting ID: 873 4064 5390 Passcode: MITS</p>
<p>Keynote Talk 7</p> <p>Dr. Ashwin Ashok Assistant Professor, Computer Science Honors College Faculty Associate Georgia State University, USA</p>	<p>Time: 6.45 PM-7.30 PM (IST)</p> <p>Title: New Frontiers in Visible Light Camera Communication</p> <p>Join Zoom Meeting https://us02web.zoom.us/j/87340645390?pwd=eDlpWERWMDd5TmJHQ1g4MnVpKzI1dz09</p> <p>Meeting ID: 873 4064 5390 Passcode: MITS</p>

Day 3: 03.07.2021 (Saturday)

ICSCC 2021 | Virtual Paper Presentations

Track 1: Smart Computing

Session 3: Smart computing with Machine Learning

Date: 03.07.2021

Time: 10.00 AM-12.30 PM (IST)

Chair: Dr. Shynu P G, VIT, Vellore

Co-chair: Dr. Sudheep Elayidom, CUSAT

Session Managers: Prof. Dimple Elizabeth Baby, MITS (+91-9497279543)

Prof. Cerene Mariam Abraham, MITS (+91-9496267945)

Google Meet Link: <https://meet.google.com/vrx-mpus-cin>

Paper ID	Title & Authors	Date & Time
38	Class Imbalance Issues in Software Defect Prediction Models by various Machine Learning Techniques: An Empirical Study <i>Sushant Kumar Pandey, Anil Kumar Tripathi</i>	03.07.2021 10.00AM-12.30PM (IST)
97	Multi-class Text Classification and Publication of Crime Data from Online News Sources <i>Jacob John, Mariam Sunil Varkey, Selvi M</i>	
173	Performance Analysis of Modulation Classification Using Machine learning <i>Nisha G, Vishnupriya Vijayan, Renu Jose</i>	
105	Empirical auto-evaluation of Python Code for performance analysis of Transformer Network using T5 architecture <i>Isha Ganguli, Rajat Subhra Bhowmick, Shivam Biswas, Jaya Sil</i>	
314	A Comparative Study of Deep Learning-based Depth Estimation Approaches: Application to Smart Mobility <i>Antoine Mauri, Redouane Khemmar, Benoit Decoux, Tahar Benmoumen, Madjid Haddad, Rémi Bouteau</i>	

Track 2: Communication and Signal Processing

Session 3: Communication and Signal Processing 3

Date: 03.07.2021

Time: 10.00 AM-12.30 PM (IST)

Chair: Dr. Lillykutty Jacob, NIT Calicut

Co-chair: Dr. C V Anilkumar, CoE, Karunagapally

Session Managers: Prof. Nayana P K, MITS (+91-9496146138)

Prof. Rishikesh P H, MITS (+91-9446906223)

Google Meet Link: meet.google.com/oeh-kuuo-erc

Paper ID	Title & Authors	Date & Time
90	Low Complexity MIMO Detection Using Complement and LSB Set Approximation <i>Sourav Chakraborty, Nirmalendu Bikas Sinha, Monojit Mitra</i>	03.07.2021 10.00AM-12.30PM (IST)
254	Design & Implementation of algorithm for linear sweep generation and signal processing for an FMCW Radar Altimeter <i>Midhunkrishna P R, Lal M J, Sherly Joy, Mukundan K K, Narayanan Namboothiripad M</i>	
269	Space Time Block Coded Vector OFDM with ML Detection <i>Basil K Jeemon, Shahana T K</i>	
270	VoWiFi Cell Capacity Estimation using Fifth Generation WLAN Standard <i>Hemanta Kumar Pati, Ayes Chinmay</i>	
309	A Cognitive Information Processing Pipeline for Multiple--Access Vehicular Camera Communication <i>Khadija Ashraf, Ashwin Ashok</i>	

Track 4: Intelligent Systems and Analytics

Session1 : Intelligent Systems and Analytics

Date: 03.07.2021

Time: 10.00 AM-12.30 PM (IST)

Chair: Dr. Alex P James, IIITM-K

Co-chair: Dr. Bharat Bhushan, Sharda University

Session Managers: Prof. Uma Narayanan, MITS (+91-8089541154)

Dr. Priya C V, MITS (+91-9656370364)

Google Meet Link: <https://meet.google.com/eef-qdhq-cue>

Paper ID	Title & Authors	Date & Time
23	Zoo Management System Using Internet Of Things And Artificial Intelligence <i>Swathi Madhavan, Kiran S Parakkal, Rahul P M, Roshan John, Reshmi S</i>	03.07.2021 10.00AM-12.30PM (IST)
76	Simulated Annealing based approach for Virtual Machine Live Migration <i>Vitesh Sethi, Avita Katal, Vinayak Bajoria</i>	
95	“I-Care” - Big-data Analytics for Intelligent Systems <i>Dr. Paras Nath Singh</i>	
154	IoT Based Design of Automatic Seat Belt System for Vehicles <i>N.Jeyakkannan, Hareesh N V, Nikhil N S</i>	
139	Parameter Dependencies and Optimization of True Random Number Generator (TRNG) using Genetic Algorithm (GA) <i>Dr Vilas Deotare, Dr. Dinesh Padole, Dr Lalitkumar Wadhwa</i>	
203	A multi-resolution mechanism with multiple decoders for Empathetic Dialogue Generation <i>Ayshabi M K, Sumam Mary Idicula</i>	

Track 4: Intelligent Systems and Analytics

Session 2 : Neural Networks

Date: 03.07.2021

Time: 10.00 AM-12.30 PM (IST)

Chair: Dr. Sooraj K. Ambat ,NPOL, Kochi

Co-chair: Prof. Sumod Sundar, TKMCE

Session Managers: Prof. Bismin V Sherif, MITS(+91-9947978666)

Prof. Asha Raj, MITS (+91-9495626861)

Google Meet Link: <https://meet.google.com/grw-btus-jad>

Paper ID	Title & Authors	Date & Time
216	Smart Surveillance System Using Deep Learning and RaspberryPi <i>Kshitij Patel, Meet Patel</i>	03.07.2021 10.00AM-12.30PM (IST)
221	Deep Learning - Based Automatic Bird Species Identification <i>Noumida A, Rajeev Rajan</i>	

248	FYEO : A Character Level Model For Lip Reading <i>Vedant Sandeep Joshi, Ebin Deni Raj</i>	03.07.2021 10.00AM-12.30PM (IST)
258	Weather Prediction and Classification Using Neural Networks and k-Nearest Neighbors <i>Rhea Mantri, Kulkarni Rakshit Raghavendra, Harshita Puri, Jhanavi Chaudhary, Kishore Bingi</i>	
276	Recommendation Systems : A Comparative Analysis of Classical and Deep Learnings <i>Mehbooba P Shareef, Linda Rose Jimson, Babita R Jose</i>	

Track 5: Smart Embedded Systems

Session 2: Device modelling and NoC

Date: 03.07.2021

Time: 10.00 AM-12.30 PM (IST)

Chair: Dr. Raghu C V, NIT Calicut

Co-chair: Dr. Kala S, IIIT Kottayam

Session Managers: Prof. Deepa Prabhu, MITS (+91-9745461580)

Prof. Megha Franklin, MITS (+91-9846122605)

Google Meet Link: meet.google.com/qjc-inqw-bdy

Paper ID	Title & Authors	Date & Time
45	Surface Charge Based Modeling of TIPS-Pentacene TFT <i>Shubham Dadhich, Arun Dev Dhar Dwivedi , Garima Mathur</i>	03.07.2021 10.00AM-12.30PM (IST)
158	Interleaved Edge Routing in Buffered 3D Mesh & CMesh NoC <i>Rose George Kunthara, Neethu K, Rekha K James, Simi Zerine Sleeba</i>	
224	A Survey on the Effect of Hardware Trojans in the Performance of Network on Chip Architectures <i>Josna Philomina</i>	
303	Effect of Active Layer Thickness Variation on Overlap Length Scaling in a-IGZO Thin Film Transistors <i>Roshna B. Raj, Ashutosh Tripathi, Shiny Nair, Deepak Gupta, Shahana T. K., T. Mukundan</i>	

Keynote Talk 8

Dr. Garenth Lim King Hann

Associate Professor, Department of Electrical &
Computer Engineering
Curtin University, Malaysia

Time: 1.00 PM-1.45 PM (IST)

Title: Backpropagation in Deep
Learning Neural Network using
Two-phase switching
optimization strategy

Join Zoom Meeting

<https://us02web.zoom.us/j/82056425749?pwd=LzJNZGw3YTYzbVICQ2FaOXJyR1VLdz09>

Meeting ID: 820 5642 5749

Passcode: MITS

ICSCC 2021: Valedictory Ceremony

Time: 4.00 PM-5.00 PM (IST)

Join Zoom Meeting

<https://us02web.zoom.us/j/84358960021?pwd=WDYxaXBDOENKSU9sKzNGSTQ3Wk5CUT09>

Meeting ID: 843 5896 0021

Passcode: MITS