

ICDCS'22 - Program Schedule - Hybrid Mode

| Date | Time | Program Details |
|-----------------------|----------------------|--|
| 21 - 04 - 2022 | 9:15 AM | Inauguration - Hybrid Mode |
| | 10:00 AM | Keynote - 1 (Dr Samar K. Saha, (Life Fellow, IEEE) - IEEE EDS) |
| | 10:45 AM | Tea Break |
| | 11 AM to 1 PM | Sessions (Track 1, 2 & 3) |
| | 1 PM to 2 PM | Lunch Break |
| | 2 PM to 2:45 PM | Keynote - 2 (Dr Manish Kumar Hooda, Professor, Head - Technology Development Division, Semi-Conductor Laboratory, Department of Space, Govt. of India Mohali.) |
| | 2:45 to 4:45 PM | Sessions (Track 4, 5 & 6) |
| 22 - 04 - 2022 | 9:30 AM to 10:15 AM | Keynote - 3 (Dr. N. Kumarappan, Chairman, IEEE Madras Section) |
| | 10:30 AM to 12:30 PM | Sessions (Track 7 & 8) |
| | 12:30 PM to 2 PM | Lunch Break |
| | 2 PM to 4 PM | Sessions (Track 9 & 10) |
| | 4 PM to 4:30 PM | Valedictory Function |

| Date (s) | ICDCS'22 Track Details - Hybrid Mode | | | |
|--------------------|--------------------------------------|--|------------------------------|--------------------|
| | Tracks | Internal Co-Chairs | Venue | Timing |
| 21-04-2022 (FN) | Tracks -1 | Dr. C. Suganthi (9677539304) Dr. J Samson Immanuel | Centre of Excellence in VLSI | 11 AM to 1 PM |
| | Tracks -2 | Dr. Shajin Prince (9943157883) Dr. H. Victor Du John | ED Cell | |
| | Tracks -3 | Dr. S. Merlin Gilbert (9848809310) Dr. A.S. Augustine Fletcher | HoD Conference Hall | |
| 21-04-2022 (AN) | Tracks -4 | Dr. G. Manoj (9790126304) Dr. A. Alfred Kirubaraj | ED Cell | 2:45 PM to 4:45 PM |
| | Tracks -5 | Dr. A. Diana Andrushia (9944086171) Dr. G. Anushia Rachel | Centre of Excellence in VLSI | |
| | Tracks -6 | Dr. D. Raveena Dolly (9578917256) Dr. J. Jenkin Winston | HoD Conference Hall | |
| 22-04-2023 (FN) | Tracks -7 | Dr. D. Sugumar (9629451775) Dr. Tony Jose | HoD Conference Hall | 9:30 AM to 12 PM |
| | Tracks -8 | Dr. G. Shine Let (9488175836) Dr. D. Sourav Ghosh | Centre of Excellence in VLSI | |
| 22-04-2023 (AN) | Tracks -9 | Dr. D. J. Jagannath (7598442360) Dr. D. Narain Ponraj | HoD Conference Hall | 2 PM to 4 PM |
| | Tracks -10 | Dr. S. Radha (9677532662) Dr. K. Martin Sagayam | Centre of Excellence in VLSI | |

| Area | Paper ID | Authors | Title of the Paper | Date | GMeet Link |
|---------------|----------|--|--|-----------------------------------|---|
| Circuits (11) | 1 | Tanya Mendez, Subramanya G. Nayak | Performance Evaluation of Fault-Tolerant Approximate Adder | 21-04-22 - Track - 1 (Morning) | http://meet.google.com/vzd-grhg-svu |
| | 10 | V.Govindaraj, K.Manoharan, K.Lakshmi Prabha, S Dhanasekar | MINIMUM POWER TEST PATTERN GENERATOR FOR TESTING VLSI CIRCUITS | | |
| | 28 | S. Dhanasekar, P. Malin Bruntha, L. Jubair Ahmed, G. Valarmathi, V. Govindaraj, C. Priya | An Area Efficient FFT Processor using Modified Compressor adder based Vedic Multiplier | | |
| | 88 | Sarada Musala, P. Durga Vasavi | A Novel Quaternary Multiplexer using CNTFET | | |
| | 128 | A J Hernisha, D S Shylu Sam, Josephine Atchaya, Mahendra Vignesh | Design of low power dynamic comparator for SAR ADC | | |
| | 153 | Anbumani V, Padmapriya S, Soviya S, Sneha S, Saran L | An Efficient VLSI design of Median Filters using 8-bit Data Comparators in Image Applications | | |
| | 217 | Josephine Atchaya A, D.S.Shylu Sam, Herinsha A J, Mahendra Vignesh | DESIGN OF HIGH SPEED TIME-INTERLEAVED SAR ADC | | |
| | 218 | Kannappan A,Ayyadurai M | ENERGY EFFICIENT ROUTING USING HYBRID BILEVEL-LITECHENBERY-OPTIMIZATION ALGORITHM IN COMPARISON WITH ANT - COLONY OPTIMIZATION | | |
| | 221 | Dilli Ganesh V , Ayyadurai M | ENERGY EFFICIENT ROUTING USING HYBRID WHALE-LION OPTIMIZATION ALGORITHM IN COMPARISON WITH BUFFALO OPTIMIZATION ALGORITHM | | |
| | 222 | M. Ayyadurai, P.T. Vasanth Raj,A. Vijayaraj, R.Dhanagopal, R.Suresh kumar | Hybrid Atom Search-Heap Energy Optimization algorithm for Dynamic topology in Underwater Acoustic Sensor Network | | |
| | 234 | K.Kavitha, K. Thilagavathi, R. Dhivyaprabha, K. Jasmine, D. Sugumar | Non-Orthogonal Multiple Access (NOMA) Signal Detection using SVM over Rayleigh Fading Channel | | |

| Area | Paper ID | Authors | Title of the Paper | Date | GMeet Link |
|--------------|----------|---|--|-----------------------------------|---|
| Devices (11) | 2 | Priyanshi Goyal, Harsupreet Kaur | Effect of Step Doping Profile and Dual Material Gate Design on β -Ga2O3 for superior RF Performance | 21-04-22 - Track - 2 (Morning) | https://meet.google.com/smq-zfty-vax |
| | 7 | Shivang Patel, Amisha Naik | Design of Bandgap Voltage Reference | | |
| | 9 | R. Julia Karal Adisaya I, Veluvali Rachel Beatris I and A.S. Augustine Fletcher | Analysis of p-GaN based high electron mobility transistor for RF power application | | |
| | 38 | S.Sundararajan, K.N. Madhusoodanan, A Abudhahir | Implementation and Analysis of an Evolutionary Optimized Non-Linear Function for Linearization of Thermo-Resistive Sensors | | |
| | 69 | Jesuwanth Sugesh R G, Sivasubramanian A | Silicon MZM with carrier depletion type PIPN phase shifter | | |
| | 74 | Shikha Singh, Dr.Yagnesh B.Shukla | Low Power Carry Select Adder using FinFET Technology | | |
| | 75 | Payal D Shah, Saradadevi Mandalapu, Dr. R. A. Thakker, Amisha Naik | Design and Simulation of CCII based CMOS current comparator in 130nm technology | | |
| | 78 | Kirti Bansal, Subhash Chander, Samuder Gupta, Ananjan Basu | Design and development of X band GaN HEMT Power Amplifier | | |
| | 79 | Samarth Kolekar, Thummelapenta Dheeraj Chandra. P VIMALA | Comparative Analysis of Different Characteristics of a Double Gate MOS Capacitor | | |
| | 97 | A.Josephine Anucia, D.Gracia, D.Jackuline Moni | Investigation of Gate-all-around p-type Dual Metal Double Gate Silicon Nanotube FET for low power applications | | |
| | 100 | Devika Jena, Tarapasanna Dash, Sanghamitra Das, Eleena Mohapatra, Jhansirani Jena, Subhashree Choudhury | Simulation of Recessed Gate Pseudomorphic AlGaAs/InGaAs/GaAs HEMT for RF Applications | | |

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|--------------|----------|---|---|-----------------------------------|---|
| Systems (11) | 17 | C.Ezhilazhagan, K.Lakshmi Prabha & K.Sakthisudhan | Multiple Timing Offset and Channel Parameters Estimation for Decode and Forward Relay Cooperative Network | 21-04-22 - Track - 3 (Morning) | https://meet.google.com/pft-agtx-psu |
| | 20 | Dr.Raghunandan G H, Dr.Lakshmi B N ,Akanksha V Ghat, Swetha D, Chandana Nagaraj, Hema R | Quantitative Analysis of Sustainable Energy Based Charging Systems | | |
| | 45 | Bill Joel D J , Sibi Rajan, Dr D Pamela, Dr.P.Manimegalai, K.Gerad Joe Nigel | I-DOC – A CLOUD BASED DATA MANAGEMENT SYSTEM FOR HEALTH CARE | | |
| | 48 | G Lakshmi Vara Prasad , Kocharla Sreenath , Palakeeti Kiran, Pappula Sarala | An Effective Hybrid Threefold Encrypted and Double Protected Cryptographic Technique in Wireless Sensor Networks | | |
| | 80 | Samdar Singh, Om Prakash Das, Arun Kumar Sunaniya, Shivendra Kumar Pandey | Simulation of optimum stored charge in SONOS FLASH Memory using Silvaco TCAD | | |
| | 85 | Deepa N R, Dr. N M Sivamangai | A STATE-OF-ART MODEL OF ENCRYPTING MEDICAL IMAGE USING DNA CRYPTOGRAPHY AND HYBRID CHAOS MAP – 2D ZASLAVASKI MAP: REVIEW | | |
| | 94 | Sunitha B Lasrado, R Vinoth, S Balaji | In silico blood flow simulation using finite volume modeling in a Generic3DAneurysm model | | |
| | 115 | RASNA K B DAS, S. SRIDEVI SATHYA PRIYA, D. SHYLU | Review on VCSEL Technology and Communication Methods for a Novel FPGA based Hybrid FSO - FIBER Optical Communication System | | |
| | 134 | D Preethi | A Novel VLSI architecture for malicious chip intrusion in fetal heart rate monitoring | | |
| | 148 | Reddi Vivek Vardhan, R. Mahalakshmi, Anand R, Ashutosh Mohanty | A Review on Green Hydrogen: Future of Green Hydrogen in India | | |
| | 151 | G. C. Jagan, Dr.P. Jesu Jayarin | Analysis on Positioning of Base Station and CHs for Improving Energy Efficiency in WSNs | | |

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|--------------|----------|---|---|----------------------------------|---|
| Devices (10) | 111 | Angelin Delighta A, D.Jacqueline Moni, D.Gracia, A.Josephine Anucia | Dual Material Gate Junctionless Field Effect Transistor for biosensing application | 21-04-22 - Track - 4 (Afternoon) | https://meet.google.com/xig-been-xaz |
| | 112 | Veluvali Rachel Beatris, R. Julia Karal Adisaya and A.S. Augustine Fletcher | Low power CMOS Voltage reference circuit for high efficient power management chips | | |
| | 141 | Mahboob ul Haque, P Vimala | Boosting ON-current in tunnel FETs (TFETs): A Review | | |
| | 146 | Mahima Agrawal, Isha Apurva, Konkala Sourabh, P Vimala | Efficiency Analysis of Crystalline Solar Cells for different N and P layer thickness | | |
| | 192 | BHOOMIKA K M, BHUVAN J, MITHUN V P, HRUDAY B N, P VIMALA | Impact Analysis of Hetero Materials in PN Junction devices | | |
| | 202 | Sanjay Singh, Amit Kumar, Mukesh Kumar Ojha, Dhiraj Gupta | Low Power Energy Efficient Full Adder using GNR/FET | | |
| | 205 | Suresh Kumar R, Ayyadurai M, Vasanth Raj PT, Vijayaraj A, Dhanagopal R | LoRa Faceted Device Assisting Women's Safety | | |
| | 210 | Saranya G, Siva Mangai N M, Napoleon A, Naveenkumar R, Priya B | Effect of Indium concentration in Multiple Quantum Well based InGaN/GaN Light Emitting Diode using TCAD | | |
| | 212 | Himani Dua Sehgal, Yogesh Pratap, Sneha Kabra | Detection of poisonous gases using JL FinFET with conducting gate polymer | | |
| | 231 | Micheal Snow, J. D. Nirmal, G. Samuel, Khausik S. H. Victor Du John | Investigation of G ₂ 3 based MOSHEMT for Drain Current Improvement | | |

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|--------------|-------------------------------|--|---|----------------------------------|---|
| Systems (11) | 172 | Manik Jindal, Nikhil Raj, P Saranya, Sundarabalan V. Balasubramanian | Aircraft Detection from Remote Sensing Images using YOLOV5 Architecture | 21-04-22 - Track - 5 (Afternoon) | https://meet.google.com/ayk-ozks-pzi |
| | 173 | Soumica Cheemalakkonda, Sudeeksha Chagarlamudi, Bhasita Dasari, Shaik. Sameera Sulthana, Kishore Kumar Gunduganti | Area efficient 2D FIR filter architecture for image processing applications | | |
| | 174 | Jenimah Rinsy J, Dr. N.M. Sivamangai, R Naveenkumar, Napoleon A, A.Puviarasu, V.Janani | Review on Logic Locking Attacks in Hardware Security | | |
| | 178 | Mahendra Vignesh T, D.S. Shylu Sam, A J Hernisha, Josephine Atchaya A | Design of AHB verification module using Interface Binding for high reusability | | |
| | 185 | Sk.Sharifuddin, Dr.N.M Sivamangai, Napoleon A, R Naveenkumar, S Kamalnath, Saranya G | Review on Arbiter Physical Unclonable Function and its Implementation in FPGA for IoT Security Applications | | |
| | 193 | Meena Bharti, Dr. Shaveta Rani, Dr. Paramjeet Singh | SECURITY ATTACKS IN MANET: A COMPLETE ANALYSIS | | |
| | 200 | Rahul Kumar Reddy Chaganti, P M Amruth, Vikas Reddy Devarinti, B Venkata Jagath Chandra, Victor Du John H | RFID BASED WIRELESS CHARGING SYSTEM FOR ELECTRIC CAR | | |
| | 201 | Jencia.J, L.D.Vijay Anand, Hepsiba, D | Analysis of Different Control Strategies in Continuous Stirred Tank Reactor | | |
| | 204 | Vijayaraj A, Dhanagopal R, Suresh Kumar R, Ayyadurai M, Vasanth Raj PT | Unification of Multiple Bank Cards and Smart Card with Formula Based Authentication in Big Data | | |
| | 209 | Mounika Boni, Tharakeswari Ch, Swathi Alamanda, Bhaskara venkata sai gayath Arasada, Azees Maria | An Efficient and Secure Anonymous Authentication Scheme for V2G Networks | | |
| 215 | Alex Mathew, K Martin Sagayam | A Study on various methods involved in remote education using computational intelligence for teaching learning process | | | |

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| System Architecture [AI-ML-Image (10)] | 3 | J.Kamal Vijetha, Dr.S.Sridevi Satya Priya | SEGMENTATION AND CLASSIFICATION METHODS OF MAMMOGRAMS: A CASE STUDY | 21-04-22 - Track - 6 (Afternoon) | https://meet.google.com/npc-xjvd-zya |
| | 14 | Ms.T.S.SINDHU, Dr.N.KUMARATHARAN, Dr.P.ANANDAN | A REVIEW OF MAGNETIC RESONANCE IMAGING AND ITS CLINICAL APPLICATIONS | | |
| | 18 | T.Richie emmanuel armstrong , Dr.P. Manimegalai, A.Abinath, Dr.D.Pamela | Brain tumor image segmentation using Deep learning | | |
| | 32 | P. Malin Bruntha, D. Khanna, S. Dhanasekar, S. Immanuel Alex Pandian, L. Jubair Ahmed, Siril Sam Abraham | Investigation of Deep Features in Lung Nodule Classification | | |
| | 41 | L. Jubair Ahmed, P. Malin Bruntha, S. Dhanasekar, V.Chitra, D.Balaji | An Improvised image registration technique for brain tumor identification and segmentation using ANN approach | | |
| | 51 | G Nagrjuna Reddy, Dr.K.Nagi Reddy | Boosting based Deep hybrid Framework for Alzheimer's Disease classification using 3D MRI | | |
| | 52 | Shivam Sharma, Hemant Ambia | Human facial expressions recognition using artificial intelligence K-Nearest Neighbor (KNN) Algorithm | | |
| | 62 | LINCY VINCENT, DR. ROOPA JAYASINGH J | Comparison of Psoriasis Disease Detection and Classification Through Various Image Processing Techniques-A Review | | |
| | 64 | Sajitha P, Diana Andrushia A | Banana Fruit Disease Detection And Categorization Utilizing Graph Convolution Neural Network (GCNN) | | |
| | 67 | Balaraman Sundarambal, Chokiyani Karthikeyini, RM Borini, Suresh Subramanian, V.Jacintha | Comparison of Machine Learning and Deep Learning models for Cervical Cancer Prediction | | |

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| System Architecture [IoT-Comm (10)] | 12 | Shilpa Shyam, Sujitha Juliet, Kirubakaran Ezra | Wearable UWB Device for Patient Tracking and Monitoring for Smart Healthcare | 22-04-22 - Track - 7 (Morning) | https://meet.google.com/jbo-rcoi-zjk |
| | 35 | Suresh Subramanian, Sundarambal B, A Amir Antone Jone, K Saravanan, B Karthikeyan | Design of Abreast Rectangular Shape Dielectric Resonator Antenna for WLAN Applications | | |
| | 49 | Dr.R.M.Bommi V.Jacintha Suresh Subramanian Dr.Sundarambal.B Chokiyan Karthikeyini | SMART AIR QUALITY SURVIELLANCE AND MANAGEMENT BASED ON IoT | | |
| | 56 | Dr. RAJI CG, Swalih T, Fathima Nidha, Afrooz shahana.T, Muhammed Anas k | Smart Gardening and Plant Disease Detection using Internet of Things | | |
| | 59 | Satheesh Kumar S, Abhishek A, Deepakraj R, Gokul S N T, Pradeep Pushpanathan | IoT based Novel Portable Water Quality Monitoring for Micro Industries | | |
| | 63 | Suresh Subramanian, Sundarambal B, Chokiyan Karthikeyini, R M Bommi, Jacintha V | Investigation on SAR in Hexagonal Shape Monopole Ultra-Wideband Antenna to Identify Female Breast Cancer | | |
| | 81 | Prakash.P, Manoj.G, Dr.Samsonimmanuel.J | MIMO Antenna for IOT Applications | | |
| | 90 | P.Nikkila Paul, Dr.K.Martin Sagayam | IoT medicine in COVID-19 detection and emergency ambulance alert | | |
| | 93 | Denicke Solomon H, Abhishek R, Ramachandra T, Pavithra P, S.Ezhilarasi | A Garbage Disposal Management System to Support Swachh Bharath Mission | | |
| | 102 | Neelam Keerthi, Annam Raghuram, Ramesh Jayaraman | Interfacing of Online and Offline Voting System with an E-Voting Website | | |

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| IoT-Comm (10) | 108 | Mary Havilah Haque,Jackline moni D | Remote monitoring of temperature and humidity for health care applications | 22-04-22 - Track - 8 (Morning) | https://meet.google.com/bbp-nrgu-vni |
| | 109 | Souvik Mondal, Sayantani Das, Shirsendu Banerjee, Koushik Pal | A Smart Automated Garbage Management System To Replace Human Labour | | |
| | 117 | G K Jakir Hussain, M Shruthe, S Rithanyaa, Saravana Rajesh Madasamy, Nandagopal S Velu | Visible Light Communication using Li-Fi | | |
| | 125 | Anil Johny, K. N. Madhusoodanan | Edge computing based miniature maps using embedded webserver for prediction of malignancy | | |
| | 129 | K Muthulakshmi, M A P Manimekalai, C Gopikrishna | Infant fire detection and toxic fumes monitoring in forests with a remote integrated rover | | |
| | 131 | J Muralidharan, Annmaria E A, Beme Prince V, Gokulakkannan S | Design of autonomous vehicle for transporting harvested fruit from farming field using Raspberry pi | | |
| | 150 | H. Victor Du John, Tony Jose, Shanthini Pandiaraj | Design of 5.8GHz single band metamaterial unit cell absorber for Wi-Fi applications | | |
| | 161 | Ninet Varghese, Ninet Varghese, L. D. Vijay Anand | Health Monitoring And Observatory System For Paralysed Patients Using Blynk Application | | |
| | 175 | Chalapathi Raju Kanumuri, Alluri Harishvarma, Kothapalli Phani Varma, M.Praveen Kumari | Implementation of Non-Invasive Glucose Monitoring system along with ECG, SPO2 with the help of IoT | | |
| | 177 | M Shiny John, G Shine Let, T Selva Shobana, S Jerosha Roselin | Compact Defected Microstrip Antenna for Wideband Spectrum Sensing Cognitive Radio Applications | | |

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| System Architecture [AI-ML-Image (10)] | 68 | R. Jegan, S.Mathuranjani, Praveen Sheryl | Mental Stress Detection and Classification using SVM Classifier: A Pilot Study | 22-04-22 - Track - 9 (Afternoon) | https://meet.google.com/vkd-uyao-swj |
| | 73 | Vivek Kumar Mudunuru Ashish Kumar | Covid Prevention using machine learning and blockchain technology | | |
| | 77 | Lakshmi KG,S. Sridevi Sathya Priya, Karthigaikumar P | Deep learning techniques for image classification of COVID-19 – A Survey | | |
| | 84 | Nimmy M Philip, Dr. N M Sivamangai | REVIEW OF FPGA-BASED ACCELERATORS FOR DEEP CONVOLUTIONAL NEURAL NETWORKS | | |
| | 105 | B. KEERTHI, MUDDIREDDY BABY LAKSHMI ASHRITHA, CATHRYN PRIYADHARSHINI,G, ESTHER RUBY J, D .Raveena Judie Dolly | INVESTIGATIONS ON IMAGE COMPRESSION METHODOLOGIES USING HYBRID ALGORITHMS | | |
| | 119 | V.Jacintha Suresh Subramanian Dr.SundarambalB Chokiyankarthikeyini Dr.R.M.Bommi | An Image Processing Based Fault Detection In Industrial Pipelines using FCM and Kurtosis process | | |
| | 137 | Kolli Maheedhar, Amit sharma, Ram charan, B Naresh Kumar Reddy | An efficient predictive alimentary system using machine learning on the edge | | |
| | 163 | Shah Harsh Manishkumar, P Saranya | Detection and Classification of Breast Cancer from Mammogram Images Using Adaptive Deep Learning Technique | | |
| | 184 | M. Roshni Thanka, E. Bijolin Edwin, R. Priscilla Joy, S. Jeba Priya, V. Ebenezer | Varicose Veins Chronic Venous Diseases Image Classification Using Multidimensional Convolutional Neural Networks | | |
| 191 | A.Anand Babu, V.Jegathesan, D.Jasmine David, K.S. Suriya | Retinal Blood Vessels segmentation using Deep Learning Model-A Review | | | |

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|--|---|---|---|--------------------------------------|---|
| System Architecture [AI-ML-Image (6) IoT-Comm (5)] | 194 | Shamia D, Shajin Prince, Bini D | An Online Platform for Early Eye Disease Detection using Deep Convolutional Neural Networks | 22-04-22 - Track - 10 (Afternoon) | https://meet.google.com/pnp-btve-rrg |
| | 195 | Vasanth Raj PT, Vijayaraj A, Dhanagopal R, Suresh Kumar R, Ayyadurai A | Super Resolution for Magnetic Resonance Images Using Self-Super Resolution Technique | | |
| | 198 | Simy Mary Kurian, Sujitha Juliet | Savitzky-Golay Pre-processed Kulczynski Similarity Feature Extractive Convolutional Deep Belief Network for Brain Tumor Detection | | |
| | 214 | Rejula V, Anitha J, Anitha J | Testing the structural equivalence of preprocessed Chronic pain MRI Data | | |
| | 230 | Kavya Celestine Infancy, P. Malin Bruntha, Shanthini Pandiaraj, Joselin A, Joshiba Reby J, Salomi Selvadass | Prediction of Diabetics Using ML Classifiers | | |
| | 181 | P Kalyan Chakravarthi, D.Yuvaraj, V Venkataramanan | IoT-based smart energy meter for smart grids | | |
| | 208 | S.B.Gopal, Dr C.Poongodi, D.Nanthiya, T.Kirubakaran, D.Logeshwaran, B.Kulavishnu Saravanan | Autoencoder based Architecture for Mitigating phishing URL attack in the Internet of Things (IoT) using Deep Neural Networks | | |
| | 216 | S.RUBEENA GRACE, SEBIN SUNNY P, A.SHOBHA REKH, G.JOSEMIN BALA | Real Time Data Monitoring Using LoRaWAN in Different Cloud Platforms | | |
| | 223 | Madrol Sathveek, Chadalivada Shreemanth, Janumala Surraaj Asish, Helen Terese Agalayil, Thusnavis Bella Mary I, John Paul J | IoT based Automatic Garbage Collection for Smart Cities | | |
| | 23 | Valarmathi G, Kanagaraj Venusamy, Al Mussanah, DHANASEKAR SUBRAMANIYAM, subashini V, Youvashri J | Detection and Tracking of Covid symptom with Mixed Reality | | |
| 228 | Evangelin P S, T. Mary Neebha, A. Diana Andrushia, Roopa Jeyasingh J, Atul Varshney | Design and Analysis of Meander Slitted Monopole Antenna for Wireless Application | | | |