



NAVVIS College of Engineering, Hassan

## IEEE MysuruCon 2021

(2021 IEEE Mysore Subsection Flagship International Conference)

### Session 1: Track 1A

**Date: 25 October 2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	Time
1	76	Rucha pradeep Kale, Prajakta Shrikant Jagdale, Nisha Vijay Jaiswal, Priti Jagjivan More, Akshay Suhas Phalke	Secure Digital Voting system based on Aadhaar Authentication by using Blockchain Technology	10.30 AM to 10.40 AM
2	94	Bishal kumar, M Arvindhan, kumar sagar, Ankit kumar Tiwari	E-Construction Cart: An Online Construction Material Ordering Service	10.40 AM to 10.50 AM
3	101	Abhishek N M, Nitish Bhat, Vijayalakshmi M., Akshata Patil, Ayesha Sotakanal	Enhanced Genetic Algorithm with Dispatching Rules and Diploid Multi-parent Evolution	10.50 AM to 11.00 AM
4	200	Sheela K, Prabakaran D	A Strong Authentication For Fortifying Wireless Healthcare Sensor Network Using Elliptical Curve Cryptography	11.00 AM to 11.10 AM
5	201	Kavya Rani S R, Soundarya B C, Gururaj H L, Janhavi V	Comprehensive Analysis of Various Cyber Attacks	11.10 AM to 11.20 AM

<b>6</b>	<b>204</b>	Nikhil K.J. , Premananda B.S.	Generation of Flash Containers in PDX Format for Automotive Secure Gateway	11.20 AM to 11.30 AM
<b>7</b>	<b>238</b>	R. Nishanthini, B.Srimathi, R.Senthil kumaran,I Yamuna	DEEP LEARNING ON HEALTHCARE ECOSYSTEM USING BLOCKCHAIN BASED SECURITY SYSTEM	11.30 AM to 11.40 AM
<b>8</b>	<b>242</b>	Sangeetha R S, Kamal C, Jayashree M M	Implementation of IRIG-B Time Codes on ZYNQ SoC Platform	11.40 AM to 11.50 AM
<b>9</b>	<b>250</b>	C Ankita, Ranjani G	Performance Analysis of Zone based Route Discovery Mechanism for MANETs in Software Defined Networking Framework	11.50 AM to 12.00 PM
<b>10</b>	<b>252</b>	Suraksha R, Roopa Manjunath	Design and Testing of an Integrated Electric Vehicle Model	12.00 PM to 12.10 PM

### Session 2: Track 1B

**Date: 25 October 2021**

<b>#</b>	<b>PAPER ID</b>	<b>AUTHORS</b>	<b>ARTICLE TITLE</b>	<b>Time</b>
<b>11</b>	<b>54</b>	Vijaya Murari T,Ravishankar K C, Raghu M E	Selective Encryption of the Audio Extracted from the Video Streamed Over the Content Delivery Network	10.30 AM to 10.40 AM
<b>12</b>	<b>263</b>	Harish SV, Archana NV	Efficient Load Balancing and Extended Network Lifetime for Cluster Based Routing Wireless Sensor Networks Using Fitness Function Algorithm	10.40 AM to 10.50 AM

<b>13</b>	<b>272</b>	Gaurav Ramesh Gowda, Ishitha S, Shamanth Nagaraju,H A Mohan,Harshita M, Jeevan N	IoT based Anti-poaching and Fire Alarm System for Forest	10.50 AM to 11.00 AM
<b>14</b>	<b>273</b>	Mandahadi Kusuma, Dedy Hariyadi, Fazlurrahman,Muhammad Agung Nugroho	The Bibliometric Analysis the Digital Forensics Researcher in Indonesia Based on Garba Rujukan Digital : 2008-2020	11.00 AM to 11.10 AM
<b>15</b>	<b>282</b>	Mobolanle Bello, Prashant Pillai, Ali Sadiq	AN INTELLIGENT HYBRID RADIO ACCESS TECHNOLOGY SELECTION ALGORITHM FOR 5G-SATELLITE NETWORK	11.10 AM to 11.20 AM
<b>16</b>	<b>322</b>	Shaik Mirra Alfassa, S Nagasundari,Prasad B Honnavalli	Invasion Analysis of smart Meter In AMI System	11.20 AM to 11.30 AM
<b>17</b>	<b>389</b>	Raghavendra M, Sunitha N R	Context Aware Routing in RPL	11.30 AM to 11.40 AM
<b>18</b>	<b>416</b>	Selaelo Freda Legodi, Hanifa Abdullah, Parameshachari B D	Assessing the impact of information privacy protection awareness among online users and consumers	11.40 AM to 11.50 AM
<b>19</b>	<b>444</b>	Abhishek Sharma, Umesh Kumar Singh, Kamal Upreti,Nishant Kumar,Suyash Kumar Singh	A Comparative analysis of security issues & vulnerabilities of leading Cloud Service Providers and in-house University Cloud platform for hosting E-Educational	11.50 AM to 12.00 PM
<b>20</b>	<b>446</b>	Darshini P, Mohana Kumar S, CG Raghavendra,Krishna Prasad SJ,Kavitha H, Divakara S S	CYBER SECURITY THREATS DETECTION ANALYSIS AND REMEDIATION	12.00 PM to 12.10 PM
<b>21</b>	<b>479</b>	Paramanand Patil,Satyanarayan Padaganur ,Umesh Dixit,Achyut Yaragal	NEURAL NETWORK BASED OPTIMIZED BUFFER ALLOCATION IN FUTURE NETWORKS	12.10 PM to 12.20 PM

### Session3: TRACK 2A

Date: 25-10-2021

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
1	14	Pushpa Mala S, Harsha Halesh Patel, Hindu Shree C T, Jayanth S, Keerti D Kulkarni	A Machine Learning Approach to Estimate the Habitation on the Lakefront: A Case Study	10.30 AM to 10.40 AM
2	29	Varshashree D , Gayathri Devi Nagalapuram , Roopashree S, Donal Jovian Nazareth, Dheeraj	Controlling Media Player with Hand Gestures using Convolutional Neural Network	10.40 AM to 10.50 AM
3	63	Sanjana Rao, Vidyashree TS , Manasa M, Bindushree V, C. Gururaj	Optimal Lossless Data Compression Methodology	10.50 AM to 11.00 AM
4	104	Nagamani H.S, Sarojadevi H.	Plant leaf Disease Detection using CCV and LGBPMS	11.00 AM to 11.10 AM
5	133	Mahesha Y, Nagaraju C	Machine Learning Approach to Detect Congenital Heart Diseases using Angle at Axial Triradius	11.10 AM to 11.20 AM
6	155	Arpitha T C, Sanjay H S, Kiran Kumar H K, Rohan Aradhya, Prithvi B S	Machine learning based prediction of the best suitable playing positions of the players in the game of basketball	11.20 AM to 11.30 AM
7	159	Chirag S Rao, Rahul M, Srijoni Dasgupta, Rajeshwai Hegde	Sustainable Pesticide Usage in Agriculture	11.30 AM to 11.40 AM
8	167	Srishti Gupta, Rithik Gandhi, Isha Nailwal, Sameer Rana, Shagun Saboo	Diagnosing Mental Health Patient While Maintaining Anonymity	11.40 AM to 11.50 AM
9	232	Neha Ann Nainan, Jeevika H, Rashmit Jalan , Ramya Shree N , Karthik V C, Sahana P. Shankar	Real Time Face Mask Detection using MobileNetV2 and InceptionV3 Models	11.50 AM to 12.00 PM

10	<b>246</b>	Sunil K V, Sajitha Banjan, Swaroop Kumar M L,Usha S Diggi	MVAi: A Framework and Three Stage Approach to Defect Detection	12.00 PM to 12.10 PM
11	<b>274</b>	Pushya D, Shreyas N, Shreya P,Sandeep Varma N	FDMCA: A Novel Authentication Technique using Face Detection and Gaze-based Morse Code Entry	12.10 PM to 12.20 PM
<b>Session4: TRACK 2B</b>				

Date: 25-10-2021

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
12	<b>285</b>	Sagnik Modak, Sujata Chaudhury, Abhishek Rawat,Suman Deb	Improving performance of Recurrent Neural Networks for Question-Answering with Attention-based Context Reduction	10.30 AM to 10.40 AM
13	<b>287</b>	Nataraj Das, Debosmit Neogi, Suman Deb	BLINK-CON: A HANDS FREE MOUSE POINTER CONTROL WITH EYE GAZE TRACKING	10.40 AM to 10.50 AM
14	<b>300</b>	Sundari Tribhuvanam , H. C. Nagaraj, V.P.S. Naidu	ECG Abnormality Classification and Analysis with SVM Classifier	10.50 AM to 11.00 AM
15	<b>313</b>	Shalini K, Abhishek Kumar Srivastava, Surendra Allam,Dilip Lilaramani	Comparative analysis on Deep Convolution Neural Network models using Pytorch and OpenCV DNN frameworks for identifying	11.00 AM to 11.10 AM
16	<b>323</b>	Shrabana Saha, Rajarshi Bhadra, Subhajit Kar	Diagnosis of COVID-19 & Pneumonia from Chest x-ray Scans using Modified MobileNet Architecture	11.10 AM to 11.20 AM
17	<b>326</b>	Venkata Krishna Rao Maddela, Bhaskararao Peri	Durational and Formantshift characteristics of Telugu alveolar and bilabial nasal phonemes	11.20 AM to 11.30 AM
18	<b>330</b>	Shreedevi P, H S Mohana	An Improved Local Binary Pattern Algorithm for Face Recognition Applications	11.30 AM to 11.40 AM
19	<b>352</b>	Bhargavi Mokashi,Lalith Sagar J, Vandana S Bhat, Jagadeesh D Pujari	Dual Watermarking Technique for Image Authentication using Biometrics	11.40 AM to 11.50 AM

20	<b>360</b>	Santosh M Nagashetti , Srinidhi D Dambal, C.G. Raghavendra,Sharanagouda	Detection of Disease in Bombyx Mori Silkworm by using Image Analysis Approach	11.50 AM to 12.00 PM
21	<b>378</b>	Lakshmi H R, Surekha Borra	A Hybrid Reversible Image Watermarking Technique based on Fractal Encryption and Grey Wolf Optimization	12.00 PM to 12.10 PM
22	<b>380</b>	Dhanesha R., Umesha D. K., Shrinivasa Naika C. L.,G. N. Girish	Segmentation of Arecanut Bunches: A comparative study of different color models	12.10 PM to 12.20 PM

**Session5: TRACK 2C**

**Date: 25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
23	<b>388</b>	Bharath M.R, K.A Radhakrishna Rao	Multi-Modal Biometric Age Prediction Through Deep Learning Framework	10.30 AM to 10.40 AM
24	<b>400</b>	Manohar P, Mallikarjun S Holi	Retrospective methods of Shade correction for Diabetic Retinopathy images	10.40 AM to 10.50 AM
25	<b>406</b>	Deepika K C, G Shivakumar	Hybrid CNN-Ensemble based Classifier for Touchless Fingerprint Classification	10.50 AM to 11.00 AM
26	<b>407</b>	C M NAVEEN KUMAR, G. SHIVAKUMAR	VGG 16 Based Human Emotion Classification Using Thermal Images Through Transfer Learning	11.00 AM to 11.10 AM
27	<b>408</b>	Suraj Dhalwar, Sunidhi Ashtekar, Anuradha Pasupathy,Nagesh Poojary	Computer Vision Based Vehicle Intension Finding by Understanding Driver Hand Signal	11.10 AM to 11.20 AM
28	<b>423</b>	Akanksha Soni	Performance Analysis of Classification Algorithms on Liver Disease Detection	11.20 AM to 11.30 AM
29	<b>443</b>	Shubham Deshmukh, Favin Fernandes	Classification of ASL Alphabets and Numbers using ORB and Fast with Brief Feature Extraction and Dimensionality	11.30 AM to 11.40 AM

30	<b>453</b>	M D Nandeesh	Multimodal Image Fusion Using Hybrid Algorithms For Brain Tumor Detection	11.40 AM to 11.50 AM
31	<b>463</b>	Swati Swami, S.J.Krishna Prasad, Mohana Kumar S	Detection and Prediction of Neurological Disorder Using Tremor Signals and Deep Learning Algorithm	11.50 AM to 12.00 PM
32	<b>489</b>	Paras Nath Singh, Tara P. Gowdar	Reverse Image Search Improved by Deep Learning	12.00 PM to 12.10 PM
33	<b>498</b>	RAGHUKUMAR B SRAGHUKUMAR B S,Naveen B,naveen K B,M B Anandaraju	Investigation and Feature Extraction of Heart Attack from the ECG Graph Reports	12.10 PM to 12.20 PM
34	<b>509</b>	Resham Arya,Disha Pandey,Ananya Kalia,Ben Jose Zachariah,Ishika Sandhu	Speech based Emotion Recognition using Machine Learning	12.20 PM to 12.30 PM
35	<b>515</b>	Mohit Kumar,Varun Kumar,Ashim Sharma	CT scans Image segmentation and prediction of lung cancer though nodules using ensemble deep learning approach	12.30 PM to 12.40 PM
36	<b>517</b>	Seema Barda,Prabhjot Singh Manocha	Analysis between the performance of Cochlear Implant and Hearing Aid	12.40 PM to 12.50 PM
<b>Session6: TRACK 3A</b>				

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
1	<b>40</b>	Rahul Chikkodi, Pratap Vangol, Mahesh A,Ashutosh Kedar	Wide-Scan and Wideband Antenna Array Design for Phased Array applications in X-band	10.30 AM to 10.40 AM
2	<b>117</b>	Santhiya A, Sivaranjani S	Design of compact and circularly polarized slotted patch antenna for wideband applications	10.40 AM to 10.50 AM

3	<b>147</b>	SIVARANJANI.S, KISHORE.P, MURALIDHARAN.M	Design of Integrated Antenna for 3-D Direction Finding in RADAR Applications	10.50 AM to 11.00 AM
4	<b>450</b>	Raghu Pilli,N. Lakshmi Narasimhan,Pawan Kumar Bhargav,Geetha S,Jothy Soman	Time-delay Digital Tanlock Loop based demodulators in FPGA	11.00 AM to 11.10 AM
5	<b>461</b>	Rahul Malhotra, Srishti Sharma, Rajiv Nehra	Miniaturized patch antenna that uses corner triangles with cloud shape DGS	11.10 AM to 11.20 AM
<b>Session7: TRACK 4A</b>				

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
1	<b>10</b>	VINOTH KUMAR K, F. T. Josh, Vinodha K,K. C. Ramya,Shanty Chacko, Gunapriya B	Execution of smart electric vehicle charging station driven by RE technology	10.30 AM to 10.40 AM
2	<b>43</b>	Debayan Sarkar, Raja Kishore Sahoo, Anand Kumar,Pradip Kumar Sadhu	Comprehensive performance analysis of different MPPT algorithms for Building Integrated Photovoltaic system	10.40 AM to 10.50 AM
3	<b>61</b>	Meenakshi Lakshminarayanan, Neha Sara John, Janamejaya Channegowda,Aditya Raj,Falak	Devising High Fidelity Synthetic Data using Generative Adversarial Networks for Energy Storage Systems	10.50 AM to 11.00 AM
4	<b>62</b>	Chalukya Bhat, Janamejaya Channegowda, Shilpa Chaudhari,Kali Narahariseti	Accurate Equivalent Circuit Parameter Estimation Using Electrochemical Battery Modelling for Pulsed Load Applications	11.00 AM to 11.10 AM
5	<b>73</b>	Manoj R. Hans, Mrudula B Gaikwad, Manoj Kumar Nigam,Brijesh Patel	Comparative Analysis of The Traditional Perturb and Observe with Studied FPPT Method and Fuzzy Logic Control Strategy	11.10 AM to 11.20 AM
6	<b>93</b>	Gnanavel C, Muruganantham P, Vanchinathan K,Johny Renoald A	Experimental Validation and Integration of Solar PV Fed Modular Multilevel Inverter (MMI) and Flywheel Storage System	11.20 AM to 11.30 AM



7	<b>97</b>	Shaik Affijulla, Pardip Dowrah, Kham Muan Lian,Jeush D Sangma,Ferdinand Dkhar	Estimation Techniques for Power System Inertia: A Simulation Oriented Review	11.30 AM to 11.40 AM
8	<b>106</b>	Chalukya Bhat , Aniruddh Herle, Janamejaya Channegowda,Kali Narahariseti	Measurement Noise Mitigation Using Cascaded Unscented Kalman Filter	11.40 AM to 11.50 AM
9	<b>113</b>	J P Sridhar,Swathi K N,Chaitra Shree N,Harshitha A M,Sandhya H	RF Based Smart Irrigation System with Efficient usage of water and Motor protection features	11.50 AM to 12.00 PM
10	<b>211</b>	Shagun Chaudhary, Alka Singh	Simplified Optimized Fuzzy Logic Controller for Maximum Power Point Tracking in PV Array under Partial Shading Conditions	12.00 PM to 12.10 PM
11	<b>216</b>	Siddarameshwara HN, Prashanth M Katageri, Prabhanjan R,Nisahathfareen,Anusha P	Development of PV/ Wind/ Generator based Grid Integrated Hybrid Energy System	12.10 PM to 12.20 PM
12	<b>235</b>	Raveendra Reddy Medam, K.Kavitha, T.Chandra Shekar	Techno-Economic Analysis of Hybrid Renewable Energy based Community Micro grid	12.20 PM to 12.30 PM

**Session8: TRACK 4B**

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
13	<b>244</b>	BHAVANI SHANKAR H M, Manikandan J	Design and development of low-cost portable function generator	10.30 AM to 10.40 AM
14	<b>283</b>	Kalkutakinahal Akhilesh reddy, V. Champa, Aravind Prasad S,Prachi Sunil Nalawade	Development of speed control for High Voltage BLDC ceiling fan using Regulator	10.40 AM to 10.50 AM
15	<b>288</b>	Rahul Singh, Alka Singh	Comparative Performance Analysis of Three-phase, Three-wire Shunt Active Power Filter and Dynamic Voltage Restorer	10.50 AM to 11.00 AM

16	<b>308</b>	Tanuja H, P Usha	Multilayer Artificial Neural Network based Nano Grid of Hybrid PV/Wind and Energy Storage System	11.00 AM to 11.10 AM
17	<b>345</b>	Darshan G, Yagnesh V Waghela, Champa V	Radiated Emission Analysis of Switching Regulators used in Laptops	11.10 AM to 11.20 AM
18	<b>347</b>	Monisha R, Sridhar H S, Manojna	Performance analysis of transformer-less inverter topologies for PV applications	11.20 AM to 11.30 AM
19	<b>358</b>	Sumit Trimukhe, Sanjeevkumar R A	Harmonics Reduction in Grid Connected Multilevel Inverter using Reduced Part Count and Level Boosting Topologies	11.30 AM to 11.40 AM
20	<b>421</b>	Perini PraveenaSri,Vaddi Naga Padma Prasuna	Cost Effectiveness of Thermal Power plants: Application of Least Squares Econometric Models	11.40 AM to 11.50 AM
21	<b>422</b>	Jyothi Kumbar, Neelaganga Goudar, Sahana Bhavi,Shruti Walikar,Basanagouda F. Ronad	Optimization of Hybrid Renewable Electric Energy System Components for Covid Hospitals	11.50 AM to 12.00 PM
22	<b>430</b>	Praveenkumar Chandran, Sangeetha N, Shalini M,Srijanani O	DESIGN AND SIMULATION ANALYSIS OF MODIFIED SINGLE SWITCH SEPIC CONVERTER FOR BLDC MOTOR	12.00 PM to 12.10 PM
23	<b>454</b>	Aman Kumar, Prince Kumar, Paritosh Gadekar,Akshita Jain,Chetan Khadse, Supriya	Artificial intelligence and magnetic field based fault detection system for Microgrid	12.10 PM to 12.20 PM
24	<b>459</b>	Manoj R. Hans, Sonam Y. Kalbhage, Manoj Kumar Nigam,Brijesh Patel	Performance Analysis Of The Lithium-Ion Batteries using CT-CV Charging Technique	12.20 PM to 12.30 PM
25	<b>382</b>	Shivalingaiah.K.L,Jyoti koujalagi	Performance Analysis of Switched Reluctance Motor for two stator Winding Configurations	12.30 PM to 12.40 PM

**Session9: TRACK 5A****Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
1	33	Kasthuri Thiyagarajan, Shashank Vaikunt Bhat, Arangarajan P	Fast Connected Component Labelling using Dynamically Reconfigurable Processor (DRP)	10.30 AM to 10.40 AM
2	37	vighnesh shenoy, Santhosh KV	Characterization of orifice performance using computational fluid dynamics	10.40 AM to 10.50 AM
3	44	Rashmi Behera, Kumar Sangam, BHM Darukesha,Kamaljeet Singh, Jolie R, Pragati Swami, Suma S Lonkdi, Shila K Ramachandra	Process Challenges and Mitigation Techniques for Realization of RF Modules at Millimeter-wave Frequencies	10.50 AM to 11.00 AM
4	65	Saurab.B, Arunkumar P Chavan	Ultra-Low Power, Area Efficient and High-Speed Voltage Level Shifter based on Wilson Current Mirror	11.00 AM to 11.10 AM
5	68	Nayana BU, Deepali koppad	High bandwidth multi modulus clock divider	11.10 AM to 11.20 AM
6	70	Arpitha O Naik, Elizabeth Kuruvilla, Arunkumar P Chavan	Integration and Verification of IP Cores on SoC	11.20 AM to 11.30 AM
7	84	Prashant Bachanna , Baswaraj Gadgay	Design and Implementation of FPGA Based Dynamically Re- Configurable Processor for Machine Learning Systems	11.30 AM to 11.40 AM
8	86	Prasannkumar Y Shivayogi, VISHWANATHA M S, N.RAMAVENKATESWARAN	Safety Mechanism Implementation for Fault in the Memory	11.40 AM to 11.50 AM
9	92	Prajwal Raju P, Poojashree B, Devaraju R,Pushpa Mala S,	A Polyhouse: Autonomous Navigation using IOT Technologies & CNN	11.50 AM to 12.00 PM

10	<b>99</b>	Shwetha R. Prasanna, Maria Bency, Premananda B.S.,,	Design and Implementation of Power and Area Efficient Phase Frequency Detector	12.00 PM to 12.10 PM
11	<b>112</b>	Achyutprasad Annigeri, Sujatha B	Optimized Domestic Water Quality and Consumption Monitoring System based on IoT	12.10 PM to 12.20 PM
12	<b>115</b>	Sivaranjani S, Hemanila D	Automated trickle irrigation system using solar panel	12.20 PM to 12.30 PM
13	<b>125</b>	Saurab.B, Arunkumar P Chavan	Design and Optimization of Timing Errors on Swapping of Threshold Voltage	12.30 PM to 12.40 PM

**Session10: TRACK 5B**

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
14	<b>127</b>	Akash Bharadwaj N, Muhammad Afsar, Kapish Kumar Khaitan,Rahul,C Gururaj	Optimized FPGA Implementation and Synthesis of Image Segmentation Techniques	10.30 AM to 10.40 AM
15	<b>212</b>	K Darshan, Kadam Yashwant, Kumar Sushant Ranjan,Tarun Chaudhary ,P.Vimala, Usha C	Impact Analysis and Simulation of Cylindrical Nanowire Biosensor	10.40 AM to 10.50 AM
16	<b>217</b>	Rikon Ghosh, Sukarna Nag, Rajarshi Gupta	A Software-based Linearization Technique for Thermocouples using Recurrent Neural Network	10.50 AM to 11.00 AM
17	<b>218</b>	Tanvi Vijay, Vishvendra Singh, Saurabh Singh,Sameer Gautam,P Vimala, T S Arunsamuel	Performance and Characteristic Analysis of Graphene Field Effect Transistor with Different Channel Widths	11.00 AM to 11.10 AM
18	<b>224</b>	S Sethu Selvi, Dhananjaya Kumar M V, Lohith N V,M P Venkatesh Bhardwaj,Kartik S Shetty	Deep Reinforcement Learning Algorithms for Multi-Agent Systems – A Solution for Modeling Epidemics	11.10 AM to 11.20 AM
19	<b>230</b>	Apoorva YS, Sara Mohan George	Smart Shoes for Gait and Mobility Assessment	11.20 AM to 11.30 AM

20	<b>243</b>	NEHA SINGH, Sourabh KS, Chetan S, Manikandan J	FPGA Implementation of 32APSK Demodulator for Digital Video Broadcasting (DVB-S2)	11.30 AM to 11.40 AM
21	<b>302</b>	Praveen kumar Y G, Kariyappa B S, M Z Kurian, Ravi Hosamani	Realization of Power and Area efficient 16-bit Equality Comparator using m-GDI Technology	11.40 AM to 11.50 AM
22	<b>311</b>	Ravi Kiran K, Rashmi Soni, Rizwan Mubarak Chikodi, Vaibhav Kumar Roy	Embedded Real Time Media Streaming over Ethernet via USB-OTG	11.50 AM to 12.00 PM
23	<b>337</b>	Joshada Nondan Chanda, Imtiaz Akber Chowdhury, Mohammad Peyaru, Shoron Barua, Monirul	Healthcare Monitoring System for Dedicated COVID-19 Hospitals or Isolation Centers	12.00 PM to 12.10 PM
24	<b>377</b>	Gabriel Caffarena, Rafael Raya, Eloy Urendes, Abraham Otero, Daniel Menard	Teaching Embedded Systems in Biomedical Engineering degrees: A case study	12.10 PM to 12.20 PM
25	<b>379</b>	Isha Sharma, Siddhanth Vinod, Anshik Jain, Mohit Kumar, P Vimala, T S Arun Samuel	Computation of Carrier Concentration for different Semiconductor Materials	12.20 PM to 12.30 PM
26	<b>411</b>	Amogh Gajare, Amey Sonje, Yogesh Tembe, Sayli Sawant, Rajani Mangala	CircuitScribe: Block Diagram based Circuit Simulation Application	12.30 PM to 12.40 PM

### Session11: TRACK 6A

Date:25-10-2021

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
1	<b>74</b>	T.Shathish Kumar, B.Booba	A Literature Review on Machine Learning Techniques for Predicting Software Faults	10.30 AM to 10.40 AM
2	<b>161</b>	Sirisha M, Sanjana B, Vishal Goutham N, Surekha Borra	Evaluation of Machine Learning Models for Real-Time Sign Recognition	10.40 AM to 10.50 AM

3	<b>203</b>	Jaydip Sen, Abhishek Dutta, Sidra Mehtab	Stock Portfolio Optimization Using a Deep Learning LSTM Model	10.50 AM to 11.00 AM
4	<b>215</b>	ANANDA CHATTERJEE, Hrisav Bhowmick, Jaydip Sen	Stock Price Prediction Using Time Series, Econometric, Machine Learning, and Deep Learning Models	11.00 AM to 11.10 AM
5	<b>223</b>	Naveen Kumar G N, Jeevith R, Sai Sushanth Nukala, Manoj Kumar V, Sahana P Shankar, Srikanth	Development of Leftover food management system using efficient hunger search techniques	11.10 AM to 11.20 AM
6	<b>241</b>	Tejaswini H, Manohara Pai M M, Radhika M Pai	Knowledge Graph for Aquaculture Recommendation System	11.20 AM to 11.30 AM
7	<b>245</b>	Rohit John Jacob, Rutuja J Kamat, Sahithya N M, Sharon Saji John, Sahana P Shankar	Voting Based Ensemble Classification for Software Defect Prediction	11.30 AM to 11.40 AM
8	<b>249</b>	Guruprasad P, Sandesh R S, Rakshith Devadiga, Prasanna Vittala Moolya, Sridhar R	Visualization of Automatic Parking Assistance for Four-Wheeler Vehicles	11.40 AM to 11.50 AM
9	<b>254</b>	Pranoy Ghosh, Krithika M Pai, Manohara Pai M M, Ujjwal Verma, Venugopal, Frederic Rivet,	Exploring Techniques for Photo-realistic Image Generation from 3D Models - A Deep Learning Approach	11.50 AM to 12.00 PM
10	<b>277</b>	Pratheeth.S, Vishnu Prasad.R	Stock Price Prediction using Machine Learning and Deep Learning	12.00 PM to 12.10 PM

**Session12: TRACK 6B**

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
11	<b>298</b>	Shubhajoy Das, Debashis Das	Skin lesion segmentation and classification:A Deep Learning and Markovian Approach	10.30 AM to 10.40 AM

12	<b>307</b>	Sanjay Chari, Harshith Umesh, Athul Sandosh,Suganthi S,Prasad B Honnavalli	Setting Up and Exploration of Security in a Hybrid Cloud	10.40 AM to 10.50 AM
13	<b>321</b>	Shravan Raviraj, Manohara Pai M M, Krithika M Pai	Share price prediction of Indian Stock Markets using timeseries data - A Deep Learning Approach	10.50 AM to 11.00 AM
14	<b>325</b>	Krishnaveni D, Supriya K, Suhas H R,Varshini N,Sushma R, Geetha Priya M	THE 24*24 Reversible Vedic Multiplier	11.00 AM to 11.10 AM
15	<b>334</b>	Y C A Padmanabha Reddy , T.Parameswaran, R.Sathiyaraj	A Smart Environment Monitoring Framework Using Big Data and IoT	11.10 AM to 11.20 AM
16	<b>338</b>	Madhav Agal, Kishan K P, Shashidhar R,Srivatsa S Vantmuri,Prasad Honnavalli	Non-Interactive Zero-Knowledge Proof based Authentication	11.20 AM to 11.30 AM
17	<b>351</b>	Uma Rani K, Sharvari. S. S, Umesh. M. G,Vinay. B. C	Binary Classification of Alzheimer's disease using MRI images and Support Vector Machine	11.30 AM to 11.40 AM
18	<b>383</b>	Xavier Jose, S.D Madhu Kumar, Priya Chandran	Characterization, Classification and Detection of Fake News in Online Social Media Networks	11.40 AM to 11.50 AM
19	<b>393</b>	Alisha Maini, Navan Kakwani, Ranjitha B,Shreya M K,Bharathi R	Improving the Performance of Semantic-Based Phishing Detection System Through Ensemble Learning Method	11.50 AM to 12.00 PM
20	<b>418</b>	Jayasudha B S K	MACHINE LEARNING TECHNIQUES FOR CARDIOVASCULAR RISK SCORE - PREDICTION	12.00 PM to 12.10 PM

**Session13: TRACK 6C**

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
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21	<b>424</b>	GAYATHRI A N ,VIJI RAJENDRAN V	ENGLISH MASTER AMMU :CHATBOT FOR ENGLISH LEARNING	10.30 AM to 10.40 AM
22	<b>435</b>	Aastha Agarwal , Sai Keerthana, Rahul Reddy,Afraz Moqueem	Prediction of Bitcoin, Litecoin and Ethereum trends using State-of-Art Algorithms	10.40 AM to 10.50 AM
23	<b>448</b>	Pratiksha Sarma, Tulshi Bezboruah	Design and Implementation of a GUI based Automatic Thermostat Controller	10.50 AM to 11.00 AM
24	<b>472</b>	Fatsuma Jauro,Abdulsalam Ya'u Gital,Aminu Onimisi Abdulsalami,Mohammed	Investigating the Influence of Multiple Parameter Settings on Selected Metaheuristic Algorithms	11.00 AM to 11.10 AM
25	<b>481</b>	Sudhakar Yadav N,Ravikanth Motupalli,K Jamal ,Chalumuru Suresh	An Automated Rescue and Service System with Route Deviation Using IoT and Blockchain Technologies	11.10 AM to 11.20 AM
26	<b>482</b>	Sudhakar Yadav N,T Sunil Kumar,S	The Improved Effectual Data Processing In Big Data Executing Map Reduce Frame Work	11.20 AM to 11.30 AM
27	<b>496</b>	Vandana Sudhakar Sardar	Convolution Neural Network-based Agriculture Drought Prediction using Satellite Images	11.30 AM to 11.40 AM
28	<b>497</b>	Rajani shetty,Indiramma	Clustering of Traffic Accident Dataset using Canopy K Means	11.40 AM to 11.50 AM

### Session14: TRACK 7A

**Date:25-10-2021**

#	PAPER ID	AUTHORS	ARTICLE TITLE	TIME
1	<b>48</b>	Sweety Jain, Anushka Singh, Shweta N. Shah,Roshna Lalam ,Deeksha Saxena	Machine Learning-Based Real-Time Traffic Control System□	10.30 AM to 10.40 AM



2	<b>126</b>	Praveenkumar Chandran, Aravind G, Arjun R,Baskar A	SWITCHED CAPACITOR VOLTAGE CONVERTER FOR ELECTRIC VEHICLES	10.40 AM to 10.50 AM
3	<b>142</b>	Loo Chee Hin , Vazeerudeen Abdul Hameed, Hemalata Vasudavan,Muhammad Ehsan	An Intelligent Smart Bin for Waste Management	10.50 AM to 11.00 AM
4	<b>226</b>	Atharv Tendolkar, Amit Choraria, Arjun Hariharan,Manohara Pai M.M.	Box-I-Bot (A Differential-Drive Bot with Intelligent Routing Infrastructure for remote inventory monitoring in	11.00 AM to 11.10 AM
5	<b>257</b>	Swadish Sudhindra, Ajey Kulgeri, Shreekanth Muthigi,Harisha Venkategowda	Evaluating solder joint reliability of airborne electronics under harsh environment conditions	11.10 AM to 11.20 AM
6	<b>405</b>	Kanishka S, Piyush Srichandan, Ayushi Tiwari,Ayush Shukla,Debashis Maji Sandeep Kumar Sunori,L. R.	Fabrication of 2D/3D Paper based Microfluidic Channels using Canvas Sheets and Tissue Papers	11.20 AM to 11.30 AM
7	<b>528</b>	Aravind Babu,Shermina J,Dahlia Sam,Shekaina Justin,	Classification of Rainfall Levels Using Various Machine Learning Techniques	11.30 AM to 11.40 AM