

**Track 1** Parallel/Distributed Architectures and applications

**Date & Time**

**09/07/21 & 03.30PM-05:30PM**

S. No	Paper ID	Name of the Authors	Title of the Paper	Name of the Registered Author
1	1	Sashi Tarun, Ranbir Singh Batth and Sukhpreet Kaur	Distributed Systems Design Issues, Challenges and Weaknesses: A Review	SASHI TARUN
2	12	Umang Relan, Ritikkumar Srivastav and Mr. Vivek Anandm	A COMPARATIVE ANALYSIS OF CRYPTOCURRENCY WALLETS AND TRADITIONAL WALLETS	UMANG RELAN
3	16	Shailender Kumar and Divyanka Kumari	Data Clustering Algorithms for Uncertain Data for Distributed Peer to Peer Networks	DIVYANKA
4	30	Shweta Kaushik and Charu Gandhi	Trust model in Cloud Computing: A Review	SHWETA KAUSHIK
5	39	Nasam Venkata Haritha, Brian Samuel Alfred, Sindhuja Vijayaraghavan and Jose Anand A	IEC 61850 Station Bus based Digital Substation	NASAM VENKATA HARITHA
6	49	Adarsh Pandey, Pawan Chauhan, Rajat Pandey and Vaishali Gupta	E-learning and COVID 19	ADARSH KUMAR PANDEY
7	62	Priya Singh, Mukul Aggarwal and Neha Yadav	COMPREHENSIVE SURVEY ON EDGE COMPUTING AND ITS ARCHITECTURE	PRIYA SINGH
8	84	Chandramouli M.S, Sridharan K, Chandu Srinivas M, Abinesh H and Rishi Kesavan P	WEB BASED SIMULATION FOR COLLABORATION BETWEEN STARTUP, ENTREPRENEURS AND INVESTORS	M.S.CHANDRAMOULI
9	100	Avanish Pratap Singh, Amrit Prakash, Ashutosh Rajput and Amit Gupta	Design and Implementation of 16-Bit RISC Processor Based on Pipelining Technique Using Verilog HDL	AVANISH PRATAP SINGH
10	112	Tushar Jaiswal, Amjad Ali Khan, Vaibhav Maheshwari and S Prakash	A Survey On Augmented Reality	TUSHAR JAISWAL

**Track 2** Smart Antennas design and its Applications

**Date & Time**      **09/07/21 & 03.30PM-05:30PM**

S. No	Paper ID	Name of the Authors	Title of the Paper	Name of the Registered Author
1	13	Ankit Sharma, Sneha Prasad, Sourav Mishra, Rohan Pathak and Madan Sharma	Dual Band Circularly Polarized SRR inspired MIMO antenna for 5G applications	SNEHA PRASAD
2	27	Mayank Chauhan, Karanveer Singh, Kartavya Yadav and Nishant Malik	Design and analysis of wideband metamaterial absorber for EMI and RCS reduction	MAYANK CHAUHAN
3	38	Vedant Malpani, Shivam Khandelwal, Prathamesh Phutane, Rajesh R and Bagubali A	Physical Layer Network Coding with Spatial Modulation Full-Duplex Outage Probability.	1. RAJESH R 2. SHIVAM KHANDELWAL
4	75	Ranjana Kumari, Nidhi Brhmarishi, Shweta Singh and Rudresh Pradhan	Frequency reconfigurable Hexagonal slot MIMO antenna for wireless application	NIDHI BRHMARISHI
5	160	Rishabh Saxena, Saksham Omer, Rishabh Dwivedee, Sakshi Mittal and Ruchi Agarwal	A new Substrate Integrated Waveguide Leaky-Wave Antenna based on CRLH	RISHABH PRABHAT SAXENA
6	164	Amanpreet Singh Saini, Sangharsha Singh Kushwaha, Saurav Sharma, Shubham Kumar Barnwal and Shubham Singh	Design and Analysis of SIW based MIMO antenna for 5G application	SAURAV SHARMA
7	165	Amanpreet Singh Saini, Ankit Sharma, Nikita Chauhan, Vanshika Gupta and Vaibhav Singh	UWB Compact Wearable Orthogonal MIMO Antenna With High Isolation	VANSHIKA GUPTA
8	182	Ramkumar Kancharla and Dr Rameshkumar Panneerselvam	Virtual Background for Video Conference using Deep Lab model	KANCHARLA RAMKUMAR

**Track 3 Artificial Intelligence and Machine Learning****Date & Time****09/07/21 & 03.30PM-05:30PM**

<b>S. No</b>	<b>Paper ID</b>	<b>Name of the Authors</b>	<b>Title of the Paper</b>	<b>Name of the Registered Author</b>
1	19	Adarsh Ankur and Sumit Bhardwaj	Personality Prediction System Using Machine Learning Algorithm	ADARSH ANKUR
2	23	Mridul Gupta, Nikhil Banka, Sparsh Narang and Dharmendra Kumar Upadhyay	Weapon Detection using Transfer Learning	MRIDUL GUPTA
3	26	Tarun Kaushik, Manthan Bisht and Sumit Bhardwaj	ALZHEIMER DISEASE DETECTION USING MACHINE LEARNING	TARUN KAUSHIK
4	51	Aniket Mall, Abu Sufiyan Zafar, Manaswi Bhardwaj and Padmanabhan P	Changing Healthcare Industry using technologies Like Artificial intelligence, Internet of Things, Holograms	ANIKET MALL
5	66	Ebin Pm and P Ranjana	Classification of Diabetic Retinopathy Using Fundus Images through Knowledge Transfer Method in Deep Learning	EBIN P.M
6	98	Praveen Kumar Maduri, Rishabh Srivastava, Riya Singh, Preeti Dhiman and Kushagra Singh	Analysis of Agricultural parameters using Machine Learning for medicinal plants	RISHABH SRIVASTAVA
7	108	Aviral Chanchal, Ajay Shanker Singh and Anandhan K	Suicide Prediction in Social media users using Machine Learning	AVIRAL CHANCHAL
8	123	Swasti Singhal, Laxmi Ahuja and Himanshu Monga	Machine Learning Algorithm Based Price Forecasting of a Product Incorporating Sustainability Factors	SWASTI SINGHAL
9	127	Syed Md Arbaz, Mohammad Danish and Mr Saurabh Kumar Srivastava	Twitter Sentiment Analysis using Machine Learning	SYED Md ARBAZ
10	177	Akash Singh, Ujjwal Chand, Sheelendra Kumar and Suman Devi	prediction of a house price using Machine Learning	AKASH SINGH

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1	37	Ashutosh Dhar Dubey and Meenakshi Awasthi	Solar Photovoltaic System with IOT	ASHUTOSH DHAR DUBEY
2	47	Subodh Kumar, Padmanabhan P, Shristi Kiran and Afridi Akhlaq	IOT Waste Clearance Machine for smart cities	SUBODH KUMAR
3	76	S Prakash and T Poongodi	Contextual Knowledge representation for Interoperability in Internet of Things	S. PRAKASH
4	90	Praveen Kumar Maduri, Aman Gupta, Eeshaan Dutt, Shalini Rathour and Preeti Dhiman	License Plate Detection system	AMAN GUPTA
5	97	Praveen Kumar Maduri, Faiq Jamil, Abhinav Singh, Juveria Hussain, Chintakindi Sanjay Rameshwar, Kushagra Singh and Abhinav Singh Patel	Precision Irrigation using wireless network	FAIQ JAMIL
6	116	Mohak Rastogi, Akash Gangwar and Abhishek Yadav	Auto climate monitoring system	MOHAK RASTOGI
7	125	Praveen Kumar Maduri, Preeti Dhiman, Chinmay Chaturvedi and Abhishek Rai	Smog Treatment Filter	CHINMAY CHATURVEDI
8	147	Dr. Abhinav Saxena, Nirmal Kumar Agarwal, Archit Kumar, Arpit Singh, Arpit Yadav, Arun Kumar and Dr. Amit Kumar Sharma	Electric Hazards Analysis: A review	ARCHIT KUMAR
9	179	Muskan Na, Monish Verma and Naman Raj Sharma	Virtual desktop Voice Assistant	MUSKAN NA
10	180	Niraj Shukla, Subham Sanoriya, Narendra Yadav, Sudhakar Mourya and A S Mohammed Shariff	A Regression Analysis of Stock Market Prediction Using Machine Learning Algorithms	SHUBHAM SANORIYA

S. No	Paper ID	Name of the Authors	Title of the Paper	Name of the Registered Author
1	8	Aayush Kumar Agarwal, Abhishek Singh, Deepanshu Chandra and Upasana Sharma	ULTRASONIC NAVIGATION FOR THE BLIND WITH GPS ENABLED	AAYUSH KUMAR AGARWAL
2	15	Upasana Sharma, Dr. Pankaj Singh and Dr. Meenakshi Awasthi	Performance of NOMA for 5G Radio Access	UPASANA SHARMA
3	63	Zeeshan Nafees, Anurag Singh, Animesh Kumar and Bibhas Kumar	New Vibe Videocall using WEBRTC	ZEESHAN NAFEES
4	65	Nikhil Jaiswal, Shivalika Kamboj and Suryansh Gupta	Real Time Chat Application	NIKHIL JAISWAL
5	68	Punit Srivastava, Priyanshi Shrivastav and Ramesht Chaturvedi	GSM BASED GAS LEAKAGE PERCEPTIVE POLYMORPHIC COMMUNICATION	1. PUNIT SRIVASTAVA 2. RAMESHT CHATURVEDI 3. PRIYANSHI SHRIVASTAV
6	88	Anand Sutar and Shilpa Gaikwad	Comparative Review of Optical Routers	ANAND V SUTAR
7	159	Dr. Himani Mittal, Himanshu Tripathi and Shivansh Tripathi	Safeguarding Anonymity of Web Users Identity Using Login Key	HIMANSHU TRIPATHI
8	163	Mohammad Hasan	Performance Evaluation of Selection Combiner under different Fading conditions- A Review	ABHISHEK SEMWAL
9	176	Mohd Shoaib, Mohd. Munis, Harsh Tyagi, Rajneesh Kumar Singh and Atul Kumar	Performance of FSO system under different atmospheric conditions	Mohd. Shoaib
10	178	Yash Dwivedi, Aditya Upadhyay, Anuj Gangwar, Ashish Nigam, Saurabh Katiyar, Rajiv Kumar Yadav and R S Yaduvanshi	performance analysis of tunable terahertz antenna using different geometry for IOT applications	YASH DWIVEDI

**Track 6 Image Processing and Its Applications****Date & Time****10/07/21 & 12:00-02:00PM**

S. No	Paper ID	Name of the Authors	Title of the Paper	Name of the Registered Author
1	20	Amit Gujjar, Manish Sharma and Gulshan Dhasmana	Image Classification Using Saliency Pixels with Deep Convolutional Network	AMIT
2	54	Md Shahab Uddin Ansari, Ayush Raj, Rohan Gupta, Dr. T. Poongodi and Dr. Shraddha Sagar	Emotion Based Music Player Using Haar Cascade Algorithm	MD SHAHAB UDDIN ANSARI
3	86	Prathmesh Rustagi, Nikhil Mishra and Aditya Bangari	Driver Drowsiness Analysis Journal using Image Analysis	PRATHMESH RUSTAGI
4	91	Subhangi Pandey, Subodh Kumar Pandey and Deepanshu Kumar	University Attendance System using Face Recognition	SUBHANGI PANDEY
5	92	Prashant Johri, Kumud Dixit, R L Yadava and Sanjeev K Parsad	The Role of Hybrid Models in Skin Lesion Detection: A Study	KUMUD
6	95	Vivekanand Kuriyal and Dibyahash Bordoloi	Malware Classification using Dynamic analysis and advanced Feature engineering	VIVEKANAND KURIYAL
7	143	Sumit Bhardwaj, R.L. Yadava and Dr Ashwni Kumar	Approximation and Analysis of FIR Multiband Pass Integrator	SUMIT BHARDWAJ
8	144	Gayathri S P, Vijayalakshmi S, Siva Shankar R and Durgadevi Paramasivam	Normal and Abnormal Fetal Brain Image Classification using Convolution Neural Network	P. DURGADEVI
9	145	Vijayalakshmi S, Durgadevi Paramasivam, Mohammed Shariff A S and Gayathri S P	Fetal Brain Localization, Segmentation and AnomaliesDetection through Random Forest Classifier	P. DURGADEVI
10	149	Janarthanan. S, Ganesh Kumar T and Vijayalakshmi S	Image enhancement using different filters for remotely sensed data	JANARTHANAN. S

**Track 7 Real Time and Embedded Systems****Date & Time****10/07/21 & 12:00-02:00PM**

<b>S. No</b>	<b>Paper ID</b>	<b>Name of the Authors</b>	<b>Title of the Paper</b>	<b>Name of the Registered Author</b>
1	4	Anshi Garg, Aarzoo Agrawal, Anukrati Rajvanshi and Dr. Sandhya Katiyar	Real Time object detection using YOLO	ANUKRATI RAJVANSHI
2	5	Deepak S, Janardhan Guptha S, Bagubali A and Kishore V Krishnan	A Smart Helping Hand for Visually Impaired People	DEEPAK S
3	29	Bhuvridha Singh Tomar and Sumit Bhardwaj	Real Time Evaluation of Arm Condition	BHUVIDHA SINGH TOMAR
4	93	Ravi Nandan Saxena, Prashant Johri, Rahul Singh, Shashank Patel and R L Yadav	Developing cognitive skills in robots	RAVI NANDAN SAXENA
5	94	Saksham Jain, Siddharth Srivastava, Satakshi Tiwari and Sanya Aggarwal	Android Controlled Robot	SAKSHAM JAIN
6	113	Praveen Kumar Maduri, Priyanka Sharma, Himanshu Saini, Sakshi Singh and Pradyuman Mani Tripathi	Threat Detection Rope Roaming Human Safety Robot	HIMANSHU SAINI
7	115	Praveen Kumar Maduri, Mohd. Alamgir Khan and Rajesh Yadav	Real-time medical Liquid Drip Monitoring and Controlling System	RAJESH YADAV
8	161	Noor Mohammed V, Priyanka Lalwani and Shivam Mehta	Chat-bot Implementation Using Natural Language Processing and Finite State Machine	NOOR MOHAMMED V
9	175	Satheeshkumar R and Arivoli R	Real Time Virtual Human Hand Tracking for Robotic Assisted Surgery Using Tele Operation for Pandemic	R. SATHEESHKUMAR

**Track 8 Automation and Control****Date & Time****10/07/21 & 03:30-05:30PM**

<b>S. No</b>	<b>Paper ID</b>	<b>Name of the Authors</b>	<b>Title of the Paper</b>	<b>Name of the Registered Author</b>
1	22	Jatin Sharma, Akash Kumar, Aakash Singh, Shadab Qureshi and Kalpana Hazarika	Solar Powered Smart Crop Protection System against Animals and Birds Attack	JATIN SHARMA
2	31	Kriti Tripathi, Sawan Singh, Prakhar Gaur and Pratik Kumar	A Review on Modeling and Controller Design of Wind Energy Conversion System	SAWAN SINGH
3	33	Gaurav Kumar, Sarthak Chahal and Sumit Kumar	Unusual Event Detection	SARTHAK CHAHAL
4	60	Lav Sharma, Vivek Kumar and Sahil Pervej Ansari	Facial expression and Emotion detection recognition	LAV SHARMA
5	99	Praveen Kumar Maduri, Yashi Mishra, Mehul Yadav, Isha Agarwal, Chintakindi Sanjay Rameshwar and Kushagra Singh	Automatic Medical Oxygen Generator	YASHI MISHRA
6	114	Praveen Kumar Maduri, Avinash Kaushal, Gunjan Kumari and Abhishek Kumar	Method for Edible Oil Quality Analysis	GUNJAN KUMARI
7	118	Saumyata Singh, Himanshu Chaudhary and Devansh Sachan	Driver's fatigue detection using Python	SAUMYATA SINGH
8	173	Jaspreet Kaur, Sonam Priya, Rahil Khan and Ritik Singh	Twitter Sentiment Analysis	SONAM PRIYA
9	181	A S Mohammed Shariff, Vaibhavi Bharadwaj, Pawani Upadhyay, Tanushree Singh and Mohit Kumar	Body Function Module of Power Window Electronic Control Unit (ECU)	PAWANI UPADHYAY
10	183	Ranjeet Soni, Syed Nuruddin Ashraf, Raj Vijay Singh Narolia and Amit Gupta	Comparative Study of Vedic Multiplier Using Different Adders	RANJEET SONI



S. No	Paper ID	Name of the Authors	Title of the Paper	Name of the Registered Author
1	45	Rahul Yadav, Shubham Sharma and Shivansh Shahi	Research on Face Recognition System Based on Attendance Management	RAHUL YADAV
2	55	Nivedita Mandal, Aditya Anand, Yash Garg and Nikita Kumari	Automate Identification of semantics error for enabling errorless proof reading	NIVEDITA MANDAL
3	59	Deepanshu Srivastava, Lakshya Tyagi, Vikas Kumar, Indu Malik and Prashant Johri	Prevention of Cheating in Exam	DEEPANSHU SRIVASTAVA
4	69	Abhishek Hegde, Akshay Kumar, H.R Adithya Aras, Kotha Amar and Dr. Chandrakala B. M	Attendance Monitoring using Facial Recognition	1. ABHISHEK HEGDE 2. H R ADITHYA ARAS 3. AKSHAY KUMAR 4. KOTHA AMAR 5. Dr. CHANDRAKALA BM
5	78	Aayush Srivastava, Rohit Yadav and Rishi Mathur	CHIROGRAPHIC DIGIT RECOGNIZER	AAYUSH SRIVASTAVA
6	102	Atin Verma	Crime Analysis using dynamic dashboard	ATIN VERMA
7	122	Pratham Mittal, Kartik Garg, Sumit Dixit and N Suresh Kumar	An Enhanced Realtime Chat Application using Firebase Framework	PRATHAM MITTAL
8	158	Dr. Himani Mittal, Arpita Gupta and Anshu Gupta	Aspect Category Sentiment Analysis based on Machine Learning	ANSHU GUPTA ARPIT GUPTA Dr. HIMANI MITTAL