2022 6th International Conference On Computing, Communication, Control And Automation (ICCUBEA 2022)

Pune, India
26 – 27 August 2022

ICCUBEA 2022 Schedule

6th International Conference on
Computing, Communication, Control and Automation (ICCUBEA-2022)
TECHNICAL PROGRAM PRESENTATION SCHEDULE
Day 1 (26th August 2022 , Friday) : Presentation Schedule

Track : Cognitive Computing and Machine Learning
Session 1 : 11.45 AM to 1.15 PM
Location : 9301CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
11.45 AM to 12.00 PM	1	A Review of Educational Data Mining for Analyzing the Students' Performance in Educational Setting	Sunita Milind Dol
12.00 PM to 12.15 PM	9	Online Hate Classifier for Social Media Platform	Prathamesh Kulkarni
12.15 PM to 12.30 PM	15	Patent classification with intelligent keyword extraction	Umita Deepak Joshi
12.30 PM to 12.45 PM	22	Weak Supervision as an efficient approach for Automated Fault Detection	Ayushi Tapar
12.45 PM to 1.00 PM	29	Disease Prediction System using Machine Learning	Dhriti Gada
1.00 PM to 1.15 PM	34	Sentiment Analysis of the Indian Financial Market	Ria Lele
1.15 PM to 1.30 PM	40	Weed Plant Detection from Agricultural Field Images using YOLOv3 Algorithm	Kshitija Shinde

Track : Cognitive Computing and Machine Learning
Session 2 : 4.00 PM to 5.30 PM
Location : 9301CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
4.00 PM to 4.15 PM	44	NMT for English-Marathi using RNNs & Attention	Maitri Gada
4.15 PM to 4.30 PM	50	AI in Entertainment - Movie Recommendation using Cosine Similarity	Karan Shah / Aliraza Shinde / Shreyas Vaghasia
4.30 PM to 4.45 PM	54	Breast Cancer Prediction using Optimized Machine Learning Classifiers and Data Balancing Techniques	Saniya Anklesaria
4.45 PM to 5.00 PM	61	Simplifying Privacy Agreements using Machine Reading Comprehension and Open Domain	Rishi Parekh, Preet Sanghavi
5.00 PM to 5.15 PM	68	A Survey of Various Methods and Models Used to Detect Long COVID	Parvathy S S
5.15 PM to 5.30 PM	74	Glioblastoma brain tumor segmentation and survival prediction using U Net	Shweta Yadav
5.30 PM to 5.45 PM	79	Review on Federated Learning approach in Artificial Intelligence	Ganesh D. Govindwar

Track : Electronics for Societal Applications
Session 1 : 11.45 AM to 1.15 PM
Location: 9302CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
11.45 AM to 12.00 PM	84	Covi-Gate : Face Mask and Temperature Detection System	Dyuti Bobby
12.00 PM to 12.15 PM	88	Drowsiness detection and alert system	Anuradha kadam
12.15 PM to 12.30 PM	92	Smart Blind Stick	Siddhesh Ramvijay Bajad
12.30 PM to 12.45 PM	N/A	Farm Help:Pepper plant monitoring system	Abhijith V

Track : Energy and Power Electronics
Session 2 : 4.00 PM to 5.30 PM
Location: 9302CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
4.00 PM to 4.15 PM	96	Sizing of Wind Turbine for Repowering of Old Wind Farm: A Case Study Based Approach	Radharaman Shaha
4.15 PM to 4.30 PM	102	Stabilization of wind energy frequency variations with a damping control system	Hemant Gupta
4.30 PM to 4.45 PM	105	Switched Reluctance Motor with C-Dump Converter	Arti Badhoutiya
4.45 PM to 5.00 PM	111	Detection of Fault in a PV Array using Teager Kaiser Energy Operator	Sourav Basak
5.00 PM to 5.15 PM	117	Design of 340kW Grid Interactive Rooftop Solar Photovoltaic System for Paddy Industry	Sanketh Hegde
5.15 PM to 5.30 PM	123	Analysis of Solar Photovoltaic Powered Neutral Point Clamped Single Phase and Three Phase Five Level Inverters	Ashok Suryawanshi

Track : Data Science and Big data Analytics
Session 1 : 11.45 AM to 1.15 PM
Location: 9305CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
11.45 AM to 12.00 PM	128	Analysis of Translational and Tensor Factorisation Knowledge Graph Embedding models	Fawaz Wangde
12.00 PM to 12.15 PM	133	Extensive Study of Automatic Text Summarisation on Biomedical Texts	Yash Kulkarni
12.15 PM to 12.30 PM	140	Legal Document Clustering and Summarization	Ashish Rao
12.30 PM to 12.45 PM	144	Ontology based Disease Diagnosis using Natural Language Processing, SPARQL and Protégé from Patient Symptoms	Sarvesh Navare
12.45 PM to 1.00 PM	150	Mining Social media data streams for sentiment analysis	Swapnil Harwalkar

Track : Data Science and Big data Analytics
Session 2 : 4.00 PM to 5.30 PM
Location: 9305CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
4.00 PM to 4.15 PM	155	Comprehensive Analysis of Privacy and Data Mining Techniques	Alpesh Vaghela
4.15 PM to 4.30 PM	161	Predicting Terror Attacks Using Neo4j Sandbox and Machine Learning Algorithms	Ankit Raj
4.30 PM to 4.45 PM	167	An Automated System for Rural People Complaint Handling, Monitoring and Analysis using Data Analytics	Dhanashree Munot
4.45 PM to 5.00 PM	174	Skin Disease Diagnosis by using Different Machine Learning & Deep Learning Approach	Kajal Bokefode
5.00 PM to 5.15 PM	178	Air Quality Monitoring and Prediction using SVM	Nilakshee Rajule

Track : Mathematical Modelling and Simulation
Session 1 : 11.45 AM to 1.15 PM
Location : 9306CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
11.45 AM to 12.00 PM	182	Implementation of PID based Automatic Temperature Control System using STM32	Shrina Danech
12.00 PM to 12.15 PM	187	Physics Informed Neural Networks – A Methodology Review	Abhijeet Abhay Sutar
12.15 PM to 12.30 PM	191	An Unsteady State case: Calcium Profiling based on temperature variation in Neuronal cell due to Cancer Cells	Ashwini Nikhil Vaze
12.30 PM to 12.45 PM	197	A Hybrid Approach: Rough Set, Artificial Neural Networking & Data Envelopment Analysis on patient's satisfaction in healthcare organization	Minakshi Shivkailash Panchal

Track : Image Processing and Computer Vision			
Session 2 : 4.00 PM to 5.30 PM			
Location : 9306CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
4.00 PM to 4.15 PM	201	Analysis of Employee Surveillance System using Deep Learning Models	Gaurav G pachpande
4.15 PM to 4.30 PM	207	Real-time voice enabled Drivers' Safety Monitoring system Using Image Processing	Sharaan Thayanithi
4.30 PM to 4.45 PM	220	Realtime Risk Monitoring System using Convolutional Neural Network for COVID19 Pandemic	Rohan Mistry
4.45 PM to 5.00 PM	226	Conversion of Indian Sign Language to Speech by Using Deep Neural Network	Shivam Gulave
5.00 PM to 5.15 PM	232	Estimation of Breast Density from Human Mammograms using U-Nets	Yellari Sai Kumar
5.15 PM to 5.30 PM	238	Fish Detection and Classification	Adesh Gele, Atharva Joshi

Track : Signal and Image Processing			
Session 1 : 11.45 AM to 1.15 PM			
Location : 9308CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
11.45 AM to 12.00 PM	243	Machine learning application for Lung Cancer Detection	Suchismita Bandopadhyay
12.00 PM to 12.15 PM	250	Detection of Lung Cancer Pulmonary Nodules Using Computer Aided Detection System	Aparna Madhavrao Harale
12.15 PM to 12.30 PM	257	Hearing loss adaptivity of machine learning based compressive sensing speech enhancement for hearing aids	Hrishikesh Vanjari
12.30 PM to 12.45 PM	263	Machine Learning Algorithm Based ration dispensing system using Raspberry Pi	Yashraj Jadhav
12.45 PM to 1.00 PM	268	Implementation Of Faster RCNN Algorithm For Smart Robotic Arm Based On Computer Vision	Neha Sawant

Track : Signal and Image Processing			
Session 2 : 4.00 PM to 5.30 PM			
Location : 9308CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
4.00 PM to 4.15 PM	274	An Efficient Reconfigurable FRM Filterbank for Digital Hearing Aid	Anjali Shrivastav
4.15 PM to 4.30 PM	278	Correlation between Image and Text from Unstructured Data Using Deep Learning	Mr. Tushar H. Ghorpade
4.30 PM to 4.45 PM	284	ML based speech emotion recognition framework for music therapy suggestion system	Ketki R Khadse, Swarali Joglekar, Nikita Jadhav, Maitreyee Hatwalne
4.45 PM to 5.00 PM	289	Dysphonic speech reconstruction using machine learning approach	Rajeswari P
5.00 PM to 5.15 PM	293	Customized YOLOv3 model for face detection in crowded images	Safwan Ghanem
5.15 PM to 5.30 PM	299	Intelligent System for Brain Disease Diagnosis Using Rotation Invariant Features and Fuzzy Neural Network	Preeti Sadanand Topannavar

Track : Internet of Things and Computer Networks			
Session 1 : 11.45 AM to 1.15 PM			
Location : 9319CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
11.45 AM to 12.00 PM	305	KPSO: K-Mean and PSO based clustering algorithm for Wireless Sensor Network	Savita Jadhav
12.00 PM to 12.15 PM	309	Event Trigger Based Realistic Performance of MIH for Heterogeneous Wireless Networks	Ganesh Ramkrishna Rahate
12.15 PM to 12.30 PM	314	SPS: A framework Of Smart Parking System Using IoT Technology	Arti Badhoutiya
12.30 PM to 12.45 PM	318	Generic, Stand-Alone IoT Solution for Cloud Connectivity in Electric Vehicles	Aditya Deshmukh
12.45 PM to 1.00 PM	324	Anti Horn System	Shubham Kadam
1.00 PM to 1.15 PM	328	Attendance Monitoring System Using Fingerprint Authentication	Roshani Memane

Track : Internet of Things and Computer Networks
Session 2 : 4.00 PM to 5.30 PM
Location : 9319CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
4.00 PM to 4.15 PM	334	IoT Based Fall Detection System	Dr. Pallavi Adke
4.15 PM to 4.30 PM	339	A Self-Driving Car Platform Using Raspberry Pi and Arduino	Vikrant Shahane
4.30 PM to 4.45 PM	345	Automated Drinking Water Supply Control System	Gaurav Wani
4.45 PM to 5.00 PM	349	System to capture WiFi based Drones using IoT	Krunal Intwala
5.00 PM to 5.15 PM	355	Design of Low Cost Wearable Microstrip Patch Antenna for Breast Cancer Detection	Shounak Rajendra Powar
5.15 PM to 5.30 PM	359	IOT Based Landslide Detection In Hilly Area	Harshal Ganesh Bhosale

Track : Research Advancement in Information System, Artificial Intelligence and Blockchain Technology (RAISAIBT)
Session 1 : 11.45 AM to 1.15 PM
Location: 9412CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
11.45 AM to 12.00 PM	365	Measuring the distance body temperature in real-time based on the Recursive Least Square Estimation	Dung Hoang, Trung Dai, Hien Huynh, Nhan Tran
12.00 PM to 12.15 PM	371	Mobile Application of Data Visualization for EV	Nor Intan Liyana Ibrahim Mazeyanti M. Ariffin
12.15 PM to 12.30 PM	376	Data Analytics and Visualization of Remote Healthcare Monitoring System	Siti Manisah Zulkafli Mazeyanti M. Ariffin
12.30 PM to 12.45 PM	382	Real-time fault detection algorithms for industrial process control valve	Kieu Trinh, Hien Huynh, Trung Dai, Dung Hoang, Quan Tuong
12.45 PM to 1.00 PM	389	Performance Evaluation of Solar Power Plant Using Exploratory Data Analysis	Farah Nabila Raizal Mazeyanti M. Ariffin
1.00 PM to 1.15 PM	393	Calibration, Recalibration and Self- Calibration of a Hybrib Stereo Camera System	Muhammad Izzul Azri

Track : Research Advancement in Information System, Artificial Intelligence and Blockchain Technology (RAISAIBT)
Session 2 : 4.00 PM to 5.30 PM
Location: 9412CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
4.00 PM to 4.15 PM	401	Frndy: A Women's Safety App	Dr.K.S.Savita
4.15 PM to 4.30 PM	406	A Comprehensive Study on Recommendation Engines	Anagha Chaudhari
4.30 PM to 4.45 PM	415	Evaluate the growing demand for and adverse effects of pesticides and insecticides on non-target organisms using machine learning	Indu Malik
4.45 PM to 5.00 PM	420	Deep Learning Model for Cybersecurity Attack Detection in Cyber-Physical Systems	Mujaheed Abdullahi
5.00 PM to 5.15 PM	425	Prototype of Covid Tracer Management Application	Razin Thahir
5.15 PM to 5.30 PM	430	Cryptocurrency Price Prediction using Long Short-Term Memory and Twitter Sentiment Analysis	Shakirah Mohd Taib

6th International Conference on
Computing, Communication, Control and Automation (ICCUBEA-2022)
TECHNICAL PROGRAM PRESENTATION SCHEDULE
Day 2 (27th August 2022, Saturday) : Presentation Schedule
Track : Cognitive Computing and Machine Learning
Session 3 : 10.00 AM to 11.30 AM
Location : 9301CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
10.00 AM to 10.15 AM	436	Comparative Study of Different Models for Language Translation	Shweta Jagannath Kalyanshetti
10.15 AM to 10.30 AM	440	Detecting Fake Profile in Online Social Networks using EnsemStack Classification Algorithm	Prithvi Dambal
10.30 AM to 10.45 AM	446	Fuzzy Based Open Switch Fault Diagnosis of Three Phase Voltage Source Inverter	Vaishali Sonawane
10.45 AM to 11.00 AM	450	DeepPredict : A Deep Learning Based Investment Platform for Stocks and Mutual Funds	Harsh Kharabe
11.00 AM to 11.15 AM	N/A	SMS Spam Detection Using Machine Learning Techniques	Srujan Kalpeshbhai Vithalani
11.15 AM to 11.30 AM	458	Tomato Leaf Diseases Detection based on Deep Learning:A Survey	R.Vijayasarathi
11.30 AM to 11.45 AM	N/A	Handwritten Devanagari Character Recognition Using Convolutional Neural Network	Hardika Santosh Gawde

Track : Cognitive Computing and Machine Learning
Session 4 : 2.00 PM to 4.00 PM
Location : 9301CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
2.00 PM to 2.15 PM	467	Examining Deep Learning Methods For the Detection Of Sepsis	Samhitha S
2.15 PM to 2.30 PM	473	Graph Based Approach for Predicates Identification from Textual Data : A Case Study	Pradnya Satyavijay Gotmare
2.30 PM to 2.45 PM	478	A Review on Forest Fire Prediction Techniques	Aaishwarya Ashish Gaikwad
2.45 PM to 3.00 PM	483	An Improved and Efficient Technique for detecting Bengali Fake News using Machine Learning Algorithms	Md. Liakot Matubber
3.00 PM to 3.15 PM	487	AI-Based Workout Assistant and Fitness Guide	Pratik Dilip Dhende
3.15 PM to 3.30 PM	491	Recommender System : Analysing Products Using Data Stream Mining	Gunashree Attarde
3.30 PM to 3.45 PM	495	Smart Low Cost fruit picker for Indian Farmers	Vishal Ambadas Meshram
3.45 PM to 4.00 PM	502	Heuristic approaches for an efficient cloud service management: Study and analyze	Wasudeo Purushottam Rahane & Dr. Pramod D Patil

Track : Computer Applications and Business Management
Session 3 : 10.00 AM to 11.30 AM
Location: 9302CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
10.00 AM to 10.15 AM	506	Messenger Read Later Feature with Reminder Function	Chaitanya Asole
10.15 AM to 10.30 AM	512	Inventory and Attendance Management System for Construction Firm with Voice Assistant	Digvijay Bhirud
10.30 AM to 10.45 AM	517	Analysis of lossless Data Compression Algorithm in Columnar Data Warehouse	Rani Aher
10.45 AM to 11.00 AM	521	Blockchain based trusted secure philanthropy platform: Crypto-GoCharity	Saurabh Parate
11.00 AM to 11.15 AM	529	Stalker Ads: A study to understand the consumer awareness and perception towards Targeted Advertising	Abhinita Daiya

Track : Communication Technologies
Session 4 : 2.00 PM to 4.00 PM
Location: 9302CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
2.00 PM to 2.15 PM	537	Application of GA technique to optimize the performance of NTP server	Pranalee P Thorat
2.15 PM to 2.30 PM	541	Orthogonal Frequency Division Multiplexing Based Spectral Efficiency Analysis With Graph	Manoj Kumar
2.30 PM to 2.45 PM	546	Bistatic backscatter communication : The review	Anjali Subhash Gajbhiye
2.45 PM to 3.00 PM	551	Secure Wireless Sensor Network Design Using A New Method of High-Speed Lightweight Encryption	Prachi Kori
3.00 PM to 3.15 PM	559	SENSOR FUSION: An Advance Inertial Navigation System using GPS and IMU	Aniket Dattatraya Kulkarni
3.15 PM to 3.30 PM	564	Two-Wheeler Location Tracking and Tilt Monitoring System	Thirumala Akash K
3.30 PM to 3.45 PM	N/A	Discovering the location by intelligent chatbot support using NLP	Jayashree Jayavarma Palliyamakkal
3.45 PM to 4.00 PM	575	Review on Recent Research Trends and Applications in Delay Tolerant Networks	Aparna Pandharinath More
4.00 PM to 4.15 PM	N/A	Application of Neural Network in Fault Identification System in Optical Transport Networks: A Review	Ravindra Pardhi
4.15 PM to 4.30 PM	N/A	Design Of Efficient Mobility Architecture in Heterogeneous Network by Location Prediction and Handoff Management	Santosh Sambare

Track : Information, Cyber and Network Security
Session 3 : 10.00 AM to 11.30 AM
Location : 9305CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
10.00 AM to 10.15 AM	584	Electronic Health Record Management using Hyperledger Fabric	Harsh Wadhawe
10.15 AM to 10.30 AM	590	Analyzing the effects of cyber threats on NTP IST dissemination service and measures for their effective Mitigation	Gautam Kumar
10.30 AM to 10.45 AM	594	Online Voting System using Blockchain	Aju Maheshlal Chhabria
10.45 AM to 11.00 AM	598	Reflection Based Distributed Denial Of Service Attack Detection System	Mrunal Kotkar
11.00 AM to 11.15 AM	603	Analysis of Machine Learning Classifiers for Android Malware Detection	Gaurav Wawdhane

Track : Information, Cyber and Network Security AND Track: High Performance Computing
Session 4 : 2.00 PM to 4.00 PM
Location : 9305CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
2.00 PM to 2.15 PM	609	A Robust Captcha Scheme for Web security	Yash Raut, Shreyash Pote, Harshank Boricha, Prathamesh Gunjgur
2.15 PM to 2.30 PM	615	Exploiting Honeypot For Cryptojacking: The other side of the story of honeypot deployment	Priyank Patel
2.30 PM to 2.45 PM	620	The role of block chain for sustainable agri food supply chain management	Madhukar Rajesh Borphalkar
2.45 PM to 3.00 PM	N/A	Intrusion Detection using Pigen Optimisation and Cloud Storage Confidentiality based Hybrid Metaheuristic Techniques	D Priyadarshini
3.00 PM to 3.15 PM	N/A	Support Vector Machine Approach for CT Scan Image Classification of COVID-19	Aditya Shinde
3.15 PM to 3.30 PM	624	Performance Implications of Thread Count on OS Level Factors in Multithreaded Applications	Sachin H Malave

Track : Image Processing and Computer Vision			
Session 3 : 10.00 AM to 11.30 AM			
Location : 9306CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
10.00 AM to 10.15 AM	629	Convolutional Neural Networks for Detection of Crop Diseases and Weed	Bhavansh Gupta
10.15 AM to 10.30 AM	634	Leaf disease detection	Renita Fernandes
10.30 AM to 10.45 AM	638	A methods of medical image security using visual cryptography techniques	Pallavi Ravindra Waghmare
10.45 AM to 11.00 AM	644	A Deep Learning based Responsive Web Platform for Cervical Cancer Detection	Tejas Morkar
11.00 AM to 11.15 AM	649	3D U-Net Convolutional Neural Network For Segmentation Of Brain Tumour Tissues In Hgg And Lgg Magnetic Resonance Imaging	Arpit Mohan & Kartik Rajput
11.15 AM to 11.30 AM	653	A Portable System for Bidirectional Sign Language Translation for Deaf and Dumb	Shubham Rajput

Track : Image Processing and Computer Vision			
Session 4 : 2.00 PM to 4.00 PM			
Location : 9306CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
2.00 PM to 2.15 PM	658	A Recommendation System for Integrated Agriculture Using Convolutional Neural Networks with Random Forest Algorithm	Shreya Kale
2.15 PM to 2.30 PM	664	GUI based Thoracic Disease Detection using Segmented Deep Convolutional Neural Network	Himanshu Pant
2.30 PM to 2.45 PM	671	Real-time Weapon detection using Drone	Deepak Hawale
2.45 PM to 3.00 PM	676	Multi Fish Detection And Tracking Using Rgb-D Vector	Aditi Bhateja
3.00 PM to 3.15 PM	682	Xception CNN-Ensemble Learning Based Facial Emotion Recognition	Supriya Bhausaheb Shirsath
3.15 PM to 3.30 PM	N/A	Weed Detection and Removal System: A Review	Luis Cherian
3.30 PM to 3.45 PM	686	Analysis of Face Recognition Based Automated Attendance Management System Using FaceNet	Vinit Hande
3.45 PM to 4.00 PM	690	Development of vision based test jig and mechanism for automatic inspection and sorting of industrial objects	Ajit Patil

Track : Signal and Image Processing			
Session 3 : 10.00 AM to 11.30 AM			
Location : 9308CR (Building No. 9 - Mechanical & Civil Building)			
Timing	**PG**	**Paper Title**	**Presenting Author**
10.00 AM to 10.15 AM	695	Triple notch filter using non-uniform transmission lines for UWB applications	Dr. Mridul Gupta
10.15 AM to 10.30 AM	700	Audiogram study in filter bank used for hearing aid system to enhance the performance	Ujjwala Rawandale
10.30 AM to 10.45 AM	704	An approach for linear phase FIR low pass and high pass filter design using AHA algorithm	Amit Anand
10.45 AM to 11.00 AM	709	Performance Analysis of Optimal FIR LPF and HPF using AVOA	Reshma Chappa
11.00 AM to 11.15 AM	715	An Investigation of face recognition system for Criminal identification in Surveillance video	Mrs Swati Jagtap
11.15 AM to 11.30 AM	N/A	IoT- Based Low-Cost Soil Moisture and Soil Temperature Monitoring System	Guruprasad Ashok Deshpande

Track : VLSI & Embedded Systems
Session 4 : 2.00 PM to 4.00 PM
Location : 9308CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
2.00 PM to 2.15 PM	720	Compact D Flip Flop in Quantum Dot Cellular Automata for Digital System	Madhavi Repe
2.15 PM to 2.30 PM	724	Speech Emotion recognition using CNN and LSTM	Mansi Dhavale
2.30 PM to 2.45 PM	727	Analysis of bio inspired optimization algorithm	Sayali Nemade
2.45 PM to 3.00 PM	730	Performance Evaluation of Circuit Level Leakage Reduction Approaches for 6T SRAM Cell	Deepak Mittal
3.00 PM to 3.15 PM	735	Cloud based smart EV charging station recommender	Sarika P R
3.15 PM to 3.30 PM	742	Design of Advanced Encryption Standard Algorithm	Megha Chakole
3.30 PM to 3.45 PM	747	An overview of Techniques used for determination of State of Charge of Batteries	Mrs.Aarti S. Pawar
3.45 PM to 4.00 PM	752	FPGA implementation of ANN for customized instruction set for 1-D signal processing	Anudita Bagal

Track : Robotics, Control and Automation
Session 3 : 10.00 AM to 11.30 AM
Location : 9319CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
10.00 AM to 10.15 AM	756	Survey of Technologies for Industry 4.0	Shivam Rane
10.15 AM to 10.30 AM	762	Electronics Differential using the concept of Torque Vectoring	Harshal Nikhade
10.30 AM to 10.45 AM	766	Design and Development of Companion Robot - AIKO v1.0	Anuj Zore
10.45 AM to 11.00 AM	771	Smart Floor Mopping Bot	Abhishek Dhadiwal
11.00 AM to 11.15 AM	774	Tuning of Vehicle Features through CyberApps for Reducing on Vehicle Efforts.	Purva Guruprasad Deshpande
11.15 AM to 11.30 AM	779	Design and Analysis of Automatic Tripod Style Horizontal Multi Bobbin Wire Winder.	Shreerang Prashant Karambelkar

Track : Robotics, Control and Automation
Session 4 : 2.00 PM to 4.00 PM
Location : 9319CR (Building No. 9 - Mechanical & Civil Building)

Timing	PG	Paper Title	Presenting Author
2.00 PM to 2.15 PM	783	Model Based Design in Industrial Automation	Ketki Kshirsagar
2.15 PM to 2.30 PM	789	Automation of Employee Onboarding Process	Tanuj Balkhande
2.30 PM to 2.45 PM	794	Park-Shield: Two-Wheeler Anti-Theft System	Chanthu S Pillai
2.45 PM to 3.00 PM	799	Design a Robust Controller for BLDC speed control	Dr. Sandeep D. Hanwate
3.00 PM to 3.15 PM	N/A	FEA of compact paddy transplanter equipping fertilizer discharge	Chaitanya More
3.15 PM to 3.30 PM	805	Smart Greenhouse Automation and Monitoring System	Vishal Rajaram Thorat
3.30 PM to 3.45 PM	811	Using Drone Technology for Fruit Orchard Management and Waste Reduction	Sanmitra Suryawanshi
3.45 PM to 4.00 PM	820	Simulation Of An Autonomous Website Controlled Payload Delivery UAV For Medical Emergency Response	Indira Basumatary