

## PAPER PRESENTATION SCHEDULE

Session	1A, 9 December 2022, 13.45 - 14.45	Session	2A, 9 December 2022, 16.30 - 17.30
Venue	D - Block Conference Hall (Ground Floor)	Venue	D - Block Conference Hall (Ground Floor)
Chair	Dr. Dirk Fröhling	Chair	Dr. Klaus Mecking
Co-chair	Dr. J. Kanchana	Co-chair	Dr. G. Subashini
Paper -ID	Title	Paper -ID	Title
1877	Development of Microcontroller based Technology for Automatic Safety Control of Vehicle Braking System – A Review	3720	Offline Calling Application: Framework for Communication within an Organization
1327	Optimizing the Performance of Vibratory Feeders	3918	IoT Based Automatic Temperature Monitoring and Adjustment System for the Organic Farm
9973	Automation Manufacturing using MES	3428	Automatic Fare Collection System for Public Transport with High Level Security
7981	IoT Based Automated Myo-Neuro Stimulator For Neuro Paralytic Patients	6037	Design of Closed Loop Zeta Converter for Industrial Standalone Kinetic Energy Applications by using ANN Controller
Session	1B, 9 December 2022, 13.45 - 14.45	Session	2B, 9 December 2022, 16.30 - 17.30
Venue	F-203	Venue	F-203
Chair	Dr. J Chelladurai	Chair	Dr. Jonah
Co-chair	Dr. B.Bindu	Co-chair	Dr. K. Anand
Paper -ID	Title	Paper -ID	Title
107	Modelling of Tethered UAV System for Coconut / Ice Apple Harvesting – A Review	4368	Review on Automatic Over-Load Indication System
391	Leveraging the Benefits of Digital Twins in Delivering Personalized Medicine using IoT Sanjana Raghavan, Oviya Arunachalam, Amrita Babu	5393	Design and Fabrication of Mask Vending Machine – A Review
457	Integration and Migration of Data in ETL using Talend	9447	A Study on Machine Learning Models for Segmentation and Classification of Skin Diseases
2091	Review: Emerging Innovation of Digital Twin Technology	9021	A Review on Service Robots - Game Changers of the Capricious World
Session	1C, 9 December 2022, 13.45 - 14.45	Session	2C, 9 December 2022, 16.30 - 17.30
Venue	F-202	Venue	F-202
Chair	Dr. S. Udhayakumar	Chair	Dr. D. Jayaprasanth
Co-chair	Dr. R.Mohan Raj	Co-chair	Dr. MP. Anbarasi

Paper -ID	Title	Paper -ID	Title
330	Review on Design and Fabrication of Perseverance Crawling Robot	297	Exploring Women Customers' Experience towards Automation and Digitalisation of Fintech Services
1266	Actuator Selection for Lower Limb Exoskeleton Prototype Design for Paraplegic Patients	5447	Design of Hexapod Robot with a Tripod Gait Analysis
1353	Robotics in Space – A Review	7976	Convenient Sequential Deep Learning Model by using CNN - QuadGRN for Video Noise Removal and Edge Detection: A Different Perspective
2949	Future Enhanced Control Movement of Patients Stretcher	4783	Review Paper on Distributed Cloud Computing
		567	A Review on Sensors for Monitoring of Distribution Transformers
Session	3A,10 December 2022, 11.30 - 12.30	Session	4A, 10 December 2022, 14.30 - 15.30
Venue	D - Block Conference Hall (Ground Floor)	Venue	D - Block Conference Hall (Ground Floor)
Chair	Dr. T. Kesavadas	Chair	Dr. Richard Voyles
Co-chair	Dr. M. Sundaram	Co-chair	Dr. D. Karthika Renuka
Paper -ID	Title	Paper -ID	Title
4392	Kinematic Models of Mobile Robots: Types and Simulation	6201	A Study on Management Automation Task Based on Implementation of Open ERP With Reference to Selected Engineering Industries
6741	Design and Development of an Autonomous Nano Drone for Indoor Surveillance and Inspection	6632	Microstructure Evolution of 18Ni 250 Maraging Steel Weldment using Numerical and Thermomechanical Simulation
2127	Path Planning for an Autonomous Fruit Harvesting System with A* Algorithm	6849	Optimization of Friction Stir Welding Process to Maximize the Mechanical Properties of Dissimilar AA7075-T651 - AA2014-T651 Joints
8209	Celling Stack Robot for Logistic Application	9139	SRM Drive for Electric Vehicles with Solar PV-Powered and Hysteresis Current Controller based Minimization of Torque Ripple
5064	Detailed Study of Motion Planning Techniques for Mobile Robots	3898	Technical Review on Sustainable Low Cost Laser Based Weeder for Autonomous and Non-Autonomous Agriculture Offroad Vehicles
Session	3B,10 December 2022, 11.30 - 12.30	Session	4B, 10 December 2022, 14.30 - 15.30
Venue	F-203	Venue	F-203

Chair	Dr. C. Shanmugam	Chair	Dr. A. Soundararajan
Co-chair	Dr. P. Govindaraj	Co-chair	Dr. B. Sangeetha
Paper -ID	Title	Paper -ID	Title
4619	A Review on Medical Drone for Tribal Locations	6956	A Review on Cobots: A Man's Helping Hand
5728	Latest Technologies in Stock Checking Robot	7443	Control and Autonomy of Microbots
6312	Adaptive Thermal Agile Manikin – A Review	9347	A Review of Different Robots and Technologies Used in Agriculture
6519	Abot: safe and Friendly Bot for Handicapped and Disabled People Adaptive Thermal Agile Manikin – A Review	6940	Design and Fabrication of an Underwater Robot for Boat Propeller Blade Algae Detection and Removal -A Review
7371	Evaluation of Rehabilitation Robots	6557	Shopping Assistant Robot
Session	3C,10 December 2022, 11.30 - 12.30	Session	4C, 10 December 2022, 14.30 - 15.30
Venue	F-202	Venue	F-202
Chair	Dr. S. Sarathambekai	Chair	Dr. B. Vinoth Kumar
Co-chair	Dr. R. Senthil Prabha	Co-chair	Dr. P. Sivakumar
Paper -ID	Title	Paper -ID	Title
3784	RSSI Indoor Positioning Integrated Classroom Attendance System – A Review	2494	Non-Destructive Testing Using Thermography – A Review
4046	An Efficient Solar Photovoltaic Tracking System using Raspberrypi Controller	7239	Fabrication of Machine Vision Robot to Check Crack Detection in Pipeline
4802	Micro Universal Testing Machine System for Material Property Measurement of Micro Structure	2365	A Survey of Comparative Study of Detection of Spam in Machine Learning
9270	Technologies for the Locomotion of Sartorial Robots	6242	Design and Fabrication of Safety and Indication System for Vehicles
8343	A Robotic Solution for Internal Imperfection Detection in Industrial Machinery		