

**2021 International Conference on Advancements in Electrical  
Electronics Communication Computing and Automation  
(ICAECA).**

**Kumaraguru College of Technology,  
Coimbatore – 641049, Tamilnadu, India.**



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**Programme Schedule**

**Day 1: 08.10.2021 (Friday)**

**Track4: Robotics and Industrial Automation**

Time	Programme Schedule	
9:30 AM – 10:30 AM	Inaugural Session (MS Teams Link - <a href="https://bit.ly/3CV0zjF">https://bit.ly/3CV0zjF</a> )	
10:30 AM – 11:00 A.M	Keynote Address: Dr. Vishnu Kumar Kaliappan, M.Tech.,PhD (S.K), Research Professor, Konkuk Aerospace Design Airworthiness Institute & School of Computer Science and Engineering College of Engineering, Konkuk University 1, Hwayang-Dong, Gwangjin-Gu, Seoul, Republic of Korea	
MS Teams Link for FN session	<a href="https://bit.ly/3zUtQLe">https://bit.ly/3zUtQLe</a>	
	<b>PID</b>	<b>Paper Title</b>
11:20 AM – 11:30 AM	63	Influencing the trend of Industry 4.0 using Optical fiber Technology
11:30 AM – 11:40 AM	65	Simulation and Analysis of Articulated Robot
11:40 AM – 11:50 AM	97	Teleoperated Campus Utility Vehicle Using Sdas Based On Can
11:50 AM – 12:00 PM	108	Role of IOT in the development of Industry 4.0 and Robot technology- A State of the Art
12:00 PM – 12:10 PM	124	Supply Chain Control and Inventory Tracking System using Industrial Automation Tools and IIoT
12:10 PM – 12:20 PM	158	Automated Public Screening and Health Vitals Monitoring Station
12:20 PM – 12:30 PM	178	Real Time Temperature Process Plant Automation Using Yokogawa Dcs Centum Vp
12:30 PM – 12:40 PM	183	Implementation Of Home Automation Using Smart Mirror
12:40 PM – 12:50 PM	191	Retrofitting Of Plc In Fly Ash Brick Making Machine For Increased Productivity
12:50 PM – 01:00 PM	192	Secure Entrance For Covid-19
1:00 PM – 1:40 PM	<b>Lunch Break</b>	
MS Teams Link for AN session	<a href="https://bit.ly/3zUtQLe">https://bit.ly/3zUtQLe</a>	
1:40 PM – 1:50 PM	236	Comparative Analysis on Industrial IoT Communication Protocols and its Future Directives
1:50 PM – 2:00 PM	295	PMBLDC Drive With Z Source Inverter

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2:00 PM – 2:10 PM	306	Early-Stage Depression Detector Using IOMT
2:10 PM – 2:20 PM	318	A Review on Vibration sensors and control methods for cantilever beams
2:20 PM – 2:30 PM	323	Characteristic and performance analysis for Industrial Globe valve using NI-OPC server integrated with GE Fanuc on a Virtual Platform
2:30 PM – 2:40 PM	346	Review On Current Trends Of Stress Monitoring Using Wearable Electronics
2:40 PM – 2:50 PM	406	A Customised Gantry Pick and Place System for Forging Industries
2:50 PM – 3:00 PM	417	Stability Analysis of Ball and Beam System using PID Controller
3:00 PM – 3:10 PM	<b>Break</b>	
3:10 PM – 3:20 PM	423	UWB based novel approach for orientation estimation and path planning for field robots without IMU
3:30 PM – 3:40 PM	462	Conceptual Design of High Endurance cum Hybrid Configuration based Personal Air Vehicles with Three-Axis Solar Tracker System
3:40 PM – 3:50 PM	503	Self-Navigating Line Tracer Robot Without Microcontroller
3:50 PM – 4:00 PM	522	Monitoring And Controlling Of Industrial Sewage Outlet Using IOT
4:00 PM – 4:10 PM	527	Design, Dynamics, Development and Deployment of Hexa copter for Agricultural Applications