

BEST ORAL PRESENTATION AWARDS-CHRIST ENGINEERING CONGRESS -2021

**DEPARTMENT OF CIVIL ENGINEERING – *INTERNATIONAL CONFERENCE ON INNOVATIONS IN CIVIL ENGINEERING – ICICE’-21***

TRACK NAME	TITLE NAME	MEMBERS	COLLEGE NAME
<b>Structural Design</b>	Performance of CFST column- Steel Beam Joint Using Different Connections	Erin Edwin Ms Bini B	Thejus Engineering College
<b>Structural Analysis</b>	Operational Modal Analysis	Divya Ouseph Biju G Mathews M Paul	Mar Athanasius College of Engineering, Kothamagalam
<b>Environmental Engineering</b>	Biomonitoring Of Toxicity Of Some PAHs And Heterocyclic PAHs And Their Degradation By-Products.	Prasenjit Ghosh Suparna Mukherji	NIT Goa
<b>Water Resource Engineering</b>	Flood Inundation Mapping Using Hec-Ras Model	Aiswarya K.S Anjali Krishna Sreekumar Averin Ashmi K.S Edwin.K.Joy Reshma Antony	Sahrdaya College of Engineering and Technology
<b>Innovative Construction Methods</b>	Project NEST	Alfin David Subal Vinayan Swaran K V Sourav M Satheesh Teena Johnson	Christ College of Engineering Irinjalakuda

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DEPARTMENT OF COMPUTER SCIENCE –”*INTERNATIONAL CONFERENCE ON COMPUTING AND INFORMATICS*”– ICCI’-21

TRACK NAME	TITLE NAME	MEMBERS	COLLEGE NAME
<b>Machine Learning</b>	An Efficient Network Intrusion Detection Using Machine Learning Approach	Abhijith Lal C, Krishna Priya. J, Pradipta Mukherjee, Rojin Mon, Athulya Kamalasanan , Suraj S R	Vidya academy of science and technology technical campus Kilimanoor
<b>Image Processing</b>	Pneumonia Detection Using Image Processing	KISHORE.S, SRUTHI.S	CUSAT, Department of Computer Applications
<b>Artificial Intelligence</b>	Music Genre Classification Using Convolutional Neural Network	Anagha M R, Ali Akbar N	Government Engineering College, Thrissur
<b>Graphical Model Interference Algorithms</b>	Sharp Eye	Ashkar Yaseen , Ayarin Antony , Deljin Davis K , Sivani K J , Mr. Prasanth K Baby	Christ College of Engineering

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION – “INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMMUNICATION AND EMBEDDED SYSTEM TECHNOLOGIES “- ICRCET’-21**

TRACK NAME	TITLE NAME	MEMBERS	COLLEGE NAME
<b>EMBEDDED SYSTEM</b>	Multi Purpose Water Monitoring System Using IoT	Jobal James, Alen Anton, Aju Alex, Rohit P. R.	College of Engineering Chengannur
<b>VLSI</b>	Advances In VLSI Design And It's Various Fabrication Technologies.	Thahseen Thahir, Vedha Vinodha	JCT College of Engineering and Technology , Coimbatore
<b>COMMUNICATION AND NETWORKING</b>	Millimeter Wave Antenna For 5g Applications	Ann Treesa Benny, Baveena R, Sneha Mariya Vincent, Vinita Varghese, Rahul Manohar O	Christ College of Engineering, Irinjalakuda
<b>SIGNAL PROCESSING AND IMAGE PROCESSING</b>	Venous Injection Assist	Neha Raphy, Sona Davis, Albert Paul , Joyal C.J, Agnel John K.J	Christ College of Engineering, Irinjalakuda

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**DEPARTMENT OF MECHANICAL ENGINEERING – *INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL AND MATERIALS ENGINEERING – ICEMME ’-21***

TRACK NAME	TITLE NAME	MEMBERS	COLLEGE NAME
<b>Manufacturing and Materials</b>	Effect Of Milling Speed on Anti-microbial Properties of Copper	Adithya S Kumar	Christ College of Engineering Irinjalakuda
<b>Thermal and Material Design</b>	Dynamic Degradation study on Magnesium based alloys for Orthopaedic Implants	Pranav P S	Ramaiah Institute of Technology, Bengaluru
<b>Supply Chain Management</b>	Optimization of the supply of relief kits from multiple facilities under path disruptions	Joel jolly	St. Josephs College of Engineering and Technology, Palai
<b>Advance Manufacturing Process</b>	Constant torque compliant mechanism for réhabilitation devices	Adarsh P A	Vidya Academy of Science and Technology, Thrissur

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS – *INTERNATIONAL CONFERENCE ON CIRCUITS, CONTROL AND ENERGY*– ICCCE'-21

TRACK NAME	TITLE NAME	MEMBERS	COLLEGE NAME
<b>CIRCUITS</b>	Baby Diaper Incinerator	Faslu Rahman, Fahma E C, Ananthu T, Dr.Febina Beevi P	MEA Engineering College Perinthalmanna,
<b>POWER ELECTRONICS</b>	Implementation of a High Step-Down Single Switch AC-DC Converter using Integrated Buck-Buck-Boost Topology	Sebastian Varghese, Rahul Subrahmanian, Binoy B B	Government Engineering College, Thrissur
<b>POWER SYSTEM</b>	Reducing Voltage Fluctuations and Distribution Power Losses in DC Microgrids Using Electric Springs	Ashique Ali M S , Nisha G	Government Engineering College, Thrissur
<b>GREEN TRANSPORTATION</b>	Constant current charging for EV battery	Arun Kumar N K, Phejil K Paul, Rahumath Beeby K A,	Mangalam College of Engineering,
<b>IoT &amp; CONTROL</b>	Integrated Wireless Switching System for Home Automation with Rain alert, mains status reporter and customizable App	Vishnuprasad , Emilin Thomas	Christ College of Engineering, Irinjalakuda