



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM, TRICHY

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

ACADEMIC YEAR 2020-2021

FACULTY PUBLICATIONS - International / National Conference

SL. NO	DETAILS
1.	Umarani B 'Prediction of Parkinson's Disease using Machine Learning Approach' International E-Conference on Recent Advances In Computation, Communication, Internet of Things and Artificial Intelligence' held at M.Kumarasamy College of Engineering, Karur, on 31 st March and 1 st April 2021.
2.	Karthikeyan D 'Border Crossing Tracking System for Soldier' Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.
3.	Bharathi V 'Bus Indication for Visually Challenged People using RFID' National Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology, on 31 st March 2021.
4.	Baskar S 'WIFI Controlled Home Assistant Robot using Arduino' Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.
5.	Meenal T 'Automatic Brain Tumor Detection Using Glcm Features and Modified Probabilistic Neural Network' Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.
6.	Dharmalingam M 'Real Time Driver Behavior Monitoring for Accident Avoidance' Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.
7.	Dharmalingam M 'An ISM-Band Automated Irrigation System for Agriculture IOT' Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.
8.	Suresh Kumar A 'Development of IOT based Fire Fighting Robot for Fire and Motion Detection in Hill Areas' Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.



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9.	Elayaraja P 'Novel Features Selection And Voting Classifier Algorithms For COVID 19 Classification' National Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology on 31 st March 2021.
10.	Umarani B 'An Enhancement Approach For Augmented Reality and Virtual Reality In Medical Imaging Technology' 3 rd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'21) held at Kongunadu College of Engineering and Technology, Trichy on 27 th March 2021.
11.	Beni Steena T 'ATM Data Security using Machine Learning Password Authentication' National Conference on 'Emerging Trends in Engineering design and Manufacturing ETEDM-21' held at Hindusthan Institute of Technology, on 25 th March 2021.
12.	Geethalakshmi M 'Monitoring Bridge Health Condition Using Integrated IoT Technology' National Conference on 'Virtual National Conference on Innovations in Electrical Power and Green Energies (NCIEPGES'21)' held at M.Kumarasamy College of Engineering, on 24 th March 2021.
13.	Geethalakshmi M 'Brain Tumor Taxonomy using python with MRI bust' National Conference on 'Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)' held at PSNA College of Engineering and Technology, on 31 st March 2021.
14.	Bharathi V 'IOT based Sewer Clogging Prediction System' National Conference on 'Emerging Trends in Engineering design and Manufacturing ETEDM-21' held at Hindusthan Institute of Technology, on 25 th March 2021.
15.	Suresh Kumar A 'Efficient Privacy-Preserving Electricity Theft Detection with Dynamic Billing and Load Monitoring for Ami Networks' National Conference on 'Recent advances in Communicative Electronics (NCRACE'21) held at SRM TRP Engineering College, on 25 th March 2021.
16.	Amudha K 'Automatic Library Management System using Face and Text Recognition' National Conference on 'Emerging Trends in Engineering design and Manufacturing ETEDM-21' held at Hindusthan Institute of Technology, on 25 th March 2021.
17.	Jayapal N 'Automation using ROT with RPA Technology' National Conference on 'Emerging Trends in Engineering design and Manufacturing ETEDM-21' held at Hindusthan Institute of Technology, on 25 th March 2021.
18.	Karthikeyan D 'Real-time Leaf Disease Detection using ALEXNET' National Conference on 'Emerging Trends in Engineering design and Manufacturing ETEDM-21' held at Hindusthan Institute of Technology, on 25 th March 2021.



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19.	Yuvaraja T 'Convolutional Neural Network based Autonomous Car' National Conference on 'Recent advances in Communicative Electronics (NCRACE'21)' held at SRM TRP Engineering College, on 25 th March 2021.
20.	Geethalakshmi M 'Monitoring Bridge Health Condition Using Integrated IOT Technology' Virtual National Conference on 'Innovations in Electrical Power and Green EnergieS (NCIEPGES'21)' held at M.Kumarasamy College of Engineering, Karur, on 24 th March 2021.
21.	Yuvaraja T 'Gas Level Detection and Leakage Automatic Booking Using IOT' Virtual National Conference on 'Innovations in Electrical Power and Green Energies (NCIEPGES'21)' held at M.Kumarasamy College of Engineering, Karur, on 24 th March 2021.
22.	Jayapal N 'Alternative Hearing Module With Play Backer And Blind Eye' Virtual National Conference on 'Innovations in Electrical Power and Green EnergieS (NCIEPGES'21)' held at M.Kumarasamy College of Engineering, Karur, on 24 th March 2021.
23.	Amudha K 'Industry an Enhancement Approach for Analyzing PM 2.5 Concentration using Picture based Prediction' Virtual National Conference on 'Innovations in Electrical Power and Green EnergieS (NCIEPGES'21)' held at M.Kumarasamy College of Engineering, Karur, on 24 th March 2021.
24.	Bharathi V 'Review paper of multi-switching control tracking and path clearance for Robots' National Conference on 'National Web Conference on Challenges and Innovation in Engineering and Technology 2021' held at Ramco Institute of Technology, on 19 th and 20 th March 2021.
25.	Yuvaraja T 'A Smart Health Care Monitoring System Using IoT' National Conference on 'Recent Trends in Computing & Communication Technologies for Smart Environment' held at Kings College of Engineering, on 13 th March 2021.
26.	Beni Steena T 'Implementation of Smart Vehicle FC Monitoring and Theft Detection System using IOT' International conference on Advancements in Automotive Technology (ICAAT)' held at Bannari Amman Institute of Technology, Sathyamangalam on 5 th and 6 th March 2021.
27.	Geethalakshmi M 'COVID-19 PPE (Doctors/Nurse Life Saving Personal Protective Equipment)' International Conference on 'Advancements in Automotive Technology (ICAAT)' held at Bannari Amman Institute of Technology, on 5 th and 6 th March 2021.
28.	Elayaraja P 'COVID-19 Real Time Health Monitoring System using an IOT' International Conference on 'Advancements in Automotive Technology (ICAAT)' held at Bannari Amman Institute of Technology, on 5 th and 6 th March 2021.
29.	Asokan R 'An Attempt for Energy Conscious Scheduling Based on Subjective Particle Swarm Optimization in Cloud Computing Environment' IEEE International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) held at GCET, Greater Noida on 4 th and 5 th March 2021.



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30.	Asokan R 'Building a Scheme for Assuring Certainty over the Internet based Trade for Cloud Applications' IEEE International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) held at GCET, Greater Noida on 4 th and 5 th March 2021.
31.	Dharmalingam M & Baskar S 'Face Detection using unmanned aerial vehicle for surveillance and border safety' 2 nd International conference on 'Advancements in Research and Development (ICARD) on 27 th and 28 th February 2021.
32.	Meenal.T 'Detection of Face mask and Physical distance using deep learning' 2 nd International conference on 'Advancements in Research and Development (ICARD) on 27 th and 28 th February 2021.
33.	Asokan R 'Ensemble Learning based Network Anomaly Detection using Clustered Generalization of the Features' 2 nd IEEE International Conference on 'Advances in Computing, Communication Control and Networking (ICAC3N-20) held at Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh on 18 th and 19 th December 2020.
34.	Asokan R 'Neural Network Oriented RONI Prediction for Embedding Process with Hex Code Encryption in DICOM Images' 2 nd IEEE International Conference on 'Advances in Computing, Communication Control and Networking (ICAC3N-20) held at Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh on 18 th and 19 th December 2020.
35.	Dineshkumar T 'An Integrated Brain-Machine Interface Platform with Thousands of Channels' International e-conference on 'Science and Technology for Environmental Enrichment and Public Health (STEEP)' held at Easwari Engineering College, on 29 th and 30 th September 2020.
36.	Amudha K, Balu S, Meenal T 'Information Hiding and Security Techniques by Hybrid Baker Map with AES in CBC Mode' Virtual National Conference on 'Recent Trends in Power and Energy Engineering RTPEE-2020' held at Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam on 17 th September 2020.
37.	Beni Steena T 'High Contrast Ratio Optical Encoder Using Photonic Crystal Ring Resonator' International Conference on 'Continuity, Consistency and Innovation in Applied Sciences and Humanities' (ICCIASH-2020) held at St.Martin's Engineering College, Secunderabad on 13 th and 14 th August 2020.