

**K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM****(An Autonomous Institution, Affiliated to Anna University)****CONFERENCE DETAILS (2023-24)**

| <b>S.No</b> | <b>Title of the Paper</b>   | <b>Name of the Conference</b>   | <b>Authors</b>     | <b>National/<br/>International</b> | <b>Date &amp; Venue</b>   |
|-------------|---|---|--------------------|------------------------------------|---|
| 1           | Performance analysis of Wi-Fi Jammer with Various Noise Distributions   | International Conference on Sustainable Innovations in Engineering & Management (ICSIEM 2024) on 16th & 17th april 2024 | Dr.V.Kejalakshmi   | International                      | 16th &17th april 2024 sri krishna college of technology coimbatore      |
| 2           | Deep learning based noise reduction in fm transmitter using the SDR platform  | International Conference on Sustainable Innovations in Engineering & Management (ICSIEM 2024) on 16th & 17th april 2024 | Dr.V.Kejalakshmi   | International                      | 16th &17th april 2024 sri krishna college of technology coimbatore      |
| 3           | Public Issues and Rectification Portal  | 8th International Conference on Engineering Technology and Science ICETS'24   | Dr.S.C.Sivaprakash | International                      | 20 March 2024 (Virtual) Muthayammal College of Engineering,Namakkal     |
| 4           | Narrow Band Slotted Antenna for 5G Mobile Application   | International Conference on Information Technology and Smart Systems ICITSS - 2024                                      | Dr.S.C.Sivaprakash | International                      | 03 & 04-April-2024 (Virtual) JP College of Engineering ,Tenkasi         |
| 5           | Real-Time IoT Enabled Electricity Consumption Monitoring for Individual Devices using Node MCU ESP-32 through LCD and Android Application | 8th International Conference on Engineering Technology and Science ICETS'24   | Dr.R.Jeyanthi      | International                      | 20 March 2024 (Virtual) Muthayammal College of Engineering,Namakkal     |
| 6           | HERBIFY-Medicinal Plant Identification Software with Geo-tagging for Supply Chain Authenticity  | DST-SERB sponsored Velammal International Conference on Engineering'24(VInCE'24)  | Dr.N.Janakiraman   | International                      | 17 & 18-May-2024 Velammal College of Engineering and Technology,Madurai |
| 7           | An ESP 32 based Healthcare monitoring using integrating multiple sensors using Integromat and Random Forest Algorithm                     | 8th International Conference on Engineering Technology and Science ICETS'24   | Mr.S.R.Naresh      | International                      | 20 March 2024 (Virtual) Muthayammal College of Engineering,Namakkal     |

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|----|---|---|-------------------|---------------|---|
| 8  | Facial Expression - Driven Music Selction   | International Confrence on Sustainable Development in Engineering and Technology (ICSDET'24)  | Dr.P.Karpagavalli | International | 05 April 2024 KLNCE   |
| 9  | Self Driving Car using Machine Learning   | International Conference on Sustainable Innovations in Engineering & Management (ICSIEM 2024) |                   | International | 16th & 17th april 2024 Sri Krishna College of Technology,Coimbatore           |
| 10 | Smart Shopping Trolley Using GSM  | 8th International Conference on Engineering Technology and Science ICETS'24                   | Dr.B.Buvaneswari  | International | 20 March 2024 (Virtual) Muthayammal College of Engineering,Namakal            |
| 11 | Smart crop: Automated Crop Monitoring and Health Assesment using Machine Learning and CNN   |   |                   |               |   |
| 12 | Touch Screen Based Restaurant order system using Zigbee   |   |                   |               |   |
| 13 | Water Purity Tester using Machine Learning Algorithm  |   |                   |               |   |
| 14 | Low Cost Cold Storage for Horticultural Produce   | International Conference on Modern Trends in Engineering and Management                       | Dr.S.Subha        | International | 02 April 2024 (virtual) Stella Mary's College of Engineering,Aruthenganvil ai |
| 15 | Soldier Health Monitoring and Position Tracking System using IoT  | International Confrence on Sustainable Development in Engineering and Technology (ICSDET'24)  | Dr.P.S.Kumaresh   | International | 05 April 2024 KLNCE   |
| 16 | SVM Classifier for Hygienic Food Handling with Cloud-Connected UV-C Sterilization Solutions   | 10th International Conference on Communication and Signal Processing-IICCSP 2024              | Dr.P.S.Kumaresh   | International | 12th and 13th April 2024 Adhiparasakthi Engineering College                   |
| 17 | Real-Time Hydraulic Fluid Leak Detection in Heavy Machinery Using Cloud-Integrated Wireless sensor Networks for Proactive Maintenance | 10th International Conference on Communication and Signal Processing-IICCSP 2024              | Dr.P.S.Kumaresh   | International | 12th and 13th April 2024 Adhiparasakthi Engineering College                   |
| 18 | IoT and Cloud Solutions waste-to-Eneergy in Hospitals for Energy Recovery from Medical Waste  | 10th International Conference on Communication and Signal Processing-IICCSP 2024              | Dr.P.S.Kumaresh   | International | 12th and 13th April 2024 Adhiparasakthi Engineering College                   |

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| 19 | Adaptive Silo Networks with Cloud Computing and Reinforcement Learning for Responsive Grain Storage | 7th International Conference on Inventive Computation Technologies (ICICT 2024) IEEE XPLORE   | Dr.P.S.Kumaresh    | International | 24 to 26 April 2024<br>Tribhuvan University Nepal                      |
| 20 | Touch Screen Based Restaurant order system using Zigbee   | 8th International Conference on Engineering Technology and Science ICETS'24                   | Dr.T.R.Muthu       | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal |
| 21 | Water Purity Tester using Machine Learning Algorithm  |   |                    |               |  |
| 22 | Smart crop: Automated Crop Monitoring and Health Assesment using Machine Learning and CNN           |   |                    |               |  |
| 23 | Smart Shopping Trolley Using GSM  |   |                    |               |  |
| 24 | Smart Fire Fighting and Control Mechanism using Quadcopter  | International Conference on Sustainable Development in Engineering and Technology (ICSDET'24) | Mrs.R.Thilagavathy | International | 05 April 2024 KLNCE  |
| 25 | Role of Low Density Parity Check Matrix in Navigation Systems                                       | International Conference on Sustainable Innovations in Engineering & Management (ICSIEM 2024) | Mrs.R.Thilagavathy | International | 16th & 17th april 2024 Sri Krishna College of Technology               |
| 26 | Performance analysis of Wi-Fi Jammer with Various Noise Distributions                               |   |                    |               |  |
| 27 | Deep learning based noise reduction in fm transmitter using the SDR platform                        |   |                    |               |  |
| 28 | Dual-Band Implantable Antenna in Medical Application  | International Confrence on Sustainable Development in Engineering and Technology (ICSDET'24)  | Ms.L.Meenakshi     | International | 05 April 2024 KLNCE  |
| 29 | A Microstrip Patch Antenna with H-Shape Slot for 5G Applications                                    |   |                    |               |  |
| 30 | MIMO array with circular slotted patch antennas for wireless communications                         |   |                    |               |  |
| 31 | Detection of Artificially Ripening of Fruits using Image Processing                                 | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mrs.M.Amudha       | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal |

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| 32 | E-Uzhavar Sandhai-Connecting Farmers and Consumers in the Digital Marketplace using Webservices                                     | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mr.S.Ravisankar    | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal        |
| 33 | A Review on detection of deep fake and propaganda videos and images based voice and facial manipulation using AI techniques         | 2nd International conference on automation, computing and renewable systems(ICACRS-2023)      | Mrs.A.Meena        | International | Mount Zion College of Engineering & Technology,11-13 December 2023 Pudukottai |
| 34 | Privacy Control Transaction using Blockchain  | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mrs.A.Meena        | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal        |
| 35 | Predicting Seat Vacancy for Rural Development using Machine Learning and Image Processing with CNN and Linear Regression Algorithms | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mrs.R.Pavithra     | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal        |
| 36 | UPI Fraud detection using CATBOOST Machine learning algorithm   | International Conference on Sustainable Development in Engineering and Technology (ICSDET'24) | Mr.S.Selvakumar    | International | 05 April 2024 KLNCE   |
| 37 | Load Man's Stair Assistant  |   |                    |               |   |
| 38 | Mixed Emotion Recognition in speech using Deep Learning   | International Conference on Sustainable Development in Engineering and Technology (ICSDET'24) | Mrs.C.Sasirekha    | International | 05 April 2024 KLNCE   |
| 39 | Design and Analysis of a Microstrip Patch Antenna at 2.4GHz for UAV Localization System   | 5th International Conference on Computer Networks,Big Data and IoT (ICCBI 2023)               | Mrs.T.Sugumari     | International | 14-15 December 2023 (Hybrid) Care College of Engineering                      |
| 40 | Flexible Microstrip Patch antenna for ISM bandApplication   | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mrs.T.Sugumari     | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal        |
| 41 | Integarting Solar - Powered Smart Cold storage to Support Small Scale Farmers   | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mrs.R.Angayarkanni | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal        |

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| 42 | IoT Based Street Light System for Smart City  | International Conference on Sustainable Development in Engineering and Technology (ICSDET'24) | Mr.B.Balan      | International | 05 April 2024 KLNCE  |
| 43 | Enhancing Poultry Farming Practices:A Sensor-Driven Approach to Gas Emission Monitoring and Control | 8th International Conference on Engineering Technology and Science ICETS'24                   | Mrs.S.Indumathi | International | 20 March 2024 (Virtual)<br>Muthayammal College of Engineering,Namakkal |