

Velammal College of Engineering and Technology
Department of ECE
Faculty Conference Publications

Academic Year : 2021-22

International Conference:

S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
1.	Dr. P. Suveetha Dhanaselvam	Review of Contemporary Tunnel Field Effect Transistors Aligned with Established MOSFETs	IEEE International E-Conference on "Emerging Technologies and Applications for a Smart and Sustainable World	National Engineering College	12/16/2021
2.		Non Invasive Method to Detect Diabetics	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022
3.	Dr. S. Gandhimathi @Usha	Post Classification Change Detection Algorithm for Multi-spectral Satellite Images	3rd International Conference on Advances in Civil and Ecological Engineering Research (ACEER 2021)	I-Shou University, Taiwan	27/07/2021
4.		Morphological Descriptors Based Urban Change Detection using Remote Sensing Images	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022
5.		IOT Based Monitoring and Conservation of Natural Resources in Day-to-Day Life	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022
6.		Blood Vessel Segmentation and Classification in Fundus Image	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022
7.		Texture Based Classification of Liver Cancer using Ultrasound Images	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022

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S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
8.	Dr. P. Kavitha	Blood Vessel Segmentation and Classification in Fundus Image	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022
9.	Mr. P. Anand	IOT Based Monitoring and Conservation of Natural Resources in Day-to-Day Life	International Conference on Contemporary Engineering and Technology	Prince Shri Venkateshwar a Padmavathy Engineering College	21/05/2022 & 22/05/2022
10.	Mr. V. Karthick	Development of Facial and Head Movement CNN model to detect driver's fatigue level	International conference on science and innovative Engineering	Jawahar Engineering College	05/06/2022
11.	Mr. B. Karthikeyan	Review of Contemporary Field Effect Transistors aligned with established MOSFETs	IEEE International Conference on Emerging Technologies and Applications for a Smart and Sustainable world	National Engineering College, Kovilpatti	16/12/2021

National Conference:

S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
1.	Dr. S. Vasuki	Weapon detection using Neural Network	National Level Conference on ACAIOT 2k22	Jai Shriram Engineering College	20.05.2022
2.	Mr. P. Anand	E-Nose for Food Quality Monitoring System	National Conference on Emerging Trends in Engineering Design and Manufacturing	Hindusthan Institute of Technology	15/06/2022
3.	Ms. A. Alaimahal	Weapon detection using Neural Network	National Level Conference on ACAIOT 2k22	Jai Shriram Engineering College	20.05.2022
4.	Dr. B. Muneeswari	Mitigate Neonates Theft and Monitoring Healthcare using WBAN tools	National Conference on Communication and System Design	PSG Institute of Technology and Applied Research	11/06/2022

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Academic Year : 2020-21

International Conference:

S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
1.	Dr. S. Vasuki	Analysis of Non Linear SVM Learning Algorithms In Distinguishing Patients with Appendicitis And Pancreatitis Using Wrist Pulse Doppler Blood Flow Signals	International Conference on Artificial Intelligence & Smart Computing (ICAISC 2020)	Bannari Amman Institute of Technology	15/10/2020
2.	Dr. A. Babu Karuppiyah	Hardware Efficient LED for IoT Applications using B-RAM	International Conference on Advances in Materials, Computing and Communication Technologies	Annai Vailankanni College of Engineering	10.04.2021
3.	Dr. G. VeeraSenthil Kumar	Character recognition using Deep Neural Networks	International Conference on "Power Engineering" (POWERCOIN'20)	Department of EEE, Sona College of Technology	03/12/2020
4.		Analysis of Machine Learning Algorithms For Heart Sound Classification	International Conference on Artificial Intelligence & Smart Computing (ICAISC 2020)	Bannari Amman Institute of Technology	15/10/2020
5.	Dr. K. Kavitha, Asso.Prof.	Analysis of Non Linear SVM Learning Algorithms In Distinguishing Patients with Appendicitis And Pancreatitis Using Wrist Pulse Doppler Blood Flow Signals	International Conference on Artificial Intelligence & Smart Computing (ICAISC 2020)	Bannari Amman Institute of Technology	15/10/2020
6.		Time Domain Raised Cosine-Binary Coded Symbol for Modulation of IRNSS SPS PRN Code	International Conference on Artificial Intelligence & Smart Computing (ICAISC 2020)	Bannari Amman Institute of Technology	17/10/2020
7.	Dr. P. Karthikeyan	Wearable Health Care Monitoring Unit	Virtual Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology, Dindigul	31/03/2021

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S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
8.	Mr. A. Suban	Downlink Channel Estimation in Massive MIMO Systems using Approximate Message Passing and KNN based SINR and Power Constraint ML Techniques	International Web Conference on Innovations in Communication and Computing - ICICC,2020	Velammal College of Engineering and Technology, Madurai	05/10/2020
9.	Mr. P. Anand	IoT Based Breath Monitoring System using Foil Sensor	International Conference on Advances in Materials, Computing and Communication Technologies ICAMCCT 2021, Published in (International Journal of Scientific Research in Science and Technology)IJSRS T	Annai Vailankanni College of Engineering, Kanyakumari district	10/04/2021
10.	Mr. G. Pradeep Kumar	Simulation Of Visual Based Indoor Positioning Of UAV Using ROS And Gazebo Simulator For Mapping And Surveillance Applications	International virtual Conference on Antenna Innovations, 5G communications and Network Technologies ICA5NT	Velammal Institute of Technology	06/11/2020
11.	Mr. R. Raja Raja	Hardware Efficient LED for IoT applications using BRAM	International Conference on advances in materials, computing and communication technologies	AnnaiVelankanni College of Engineering, Kanyakumari	10/04/2021
12.	Mr. B. Karthikeyan	Optical Character recognition based Speech Synthesis for Visually impaired using LABVIEW	Virtual Conference on Smart Computing and Advanced Communications	PSNA College of Engineering and Technology	31/03/2021
13.		Optimization of PID Controllers for three link robot manipulator using PSO	Virtual conference on smart computations and Advanced communications	PSNA college of engineering and technology	31/03/2021

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S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
14.	Ms. J. Dalfiah	Wideband Monopole Antenna for Biomedical WLAN Applications	International E-Conference on Recent Advances in Computation, Communication, Internet of Things and Artificial Intelligence	M.KUMARASAMY COLLEGE OF ENGINEERING	31.3.2021& 01.04.2021

National Conference:

S. No.	Name	Title of the Paper	Name of the Conference	Host of the conference	Date
1.	Dr. S. Vasuki	Analysis and Classification of Lung Sound using Machine Learning Algorithm (BEST PAPER AWARD)	Intelligent Computing and Automation- INSTRUVISION'21	Kamaraj College of Engineering and Technology	09/04/2021
2.	Dr. A. Babu Karuppiah	A novel and secured fund level indication system in ATMs	National Conference on Communication and System Design (NC2SD 2021)	ECE DeptPSGiTECH, Coimbatore	03/04/2021
3.	Dr. K. Kavitha, Asso.Prof.	Analysis and Classification of Lung Sound using Machine Learning Algorithm (BEST PAPER AWARD)	Intelligent Computing and Automation- INSTRUVISION'21	Kamaraj College of Engineering and Technology	09/04/2021
4.	Mr. R. Raja Raja	Hardware implementation analysis of LED using finite field arithmetic for light weight cryptography applications	Second National conference on communication and system design	PSG Institute of Technology and Applied Research	03/04/2021

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Academic Year : 2019-20

International Conference:

S. No.	Name	Title of the Paper / Program	National Conference / International Conference	Organized by	Date
1.	Dr.P.Suveetha Dhanaselvam/ Associate Professor	An Automatic Approach to Extract Features from the Infants' cry Signals	International Conference on Recent Trends in Computing – Elsevier Indexed Journal	King's Engineering College	18/10/2019& 19/10/2019
2.		Implementation of DNA based Cryptographic algorithm	International conference on Innovations in Engineering, Science & Technology- ICIEST'2020	Kalasalingam Institute of Technology, Krishnankoil	12/03/2020 13/03/2020
3.	Dr. K. Kavitha	Early Forest Fire Region Detection using Principal Component Analysis of Multi Temporal Images	International Conference on Signal Processing and Communication Systems	M. Kumarasamy College of Engineering	05/03/2020
4.	Dr. P. Karthikeyan	Women Safety and Security System	National / International Conference	M.Kumarasamy College Of Engineering,	5/3/2020
5.	Dr. S. Gandhimathi @ Usha	Forgery Image Detection using Artificial Neural Network	International Conference on Emerging Trends in Engineering and Technology	Pandian Saraswathi Yadav Engineering College	13-03-2020
6.	Mr. A. Suban	Joint - Resource and Power Allocation Techniques for 5G Massive MIMO System and Won 'BEST PAPER AWARD' Conference	International Conference on Signal Processing and Communication Systems	M. KUMARASAMY College of Engineering, Karur	3/5/2020

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S. No.	Name	Title of the Paper / Program	National Conference / International Conference	Organized by	Date
7.	Mr. P. Anand	Smart Technique for Road Safety and Vehicle Anti-Theft	International Conference on Power Engineering	Sona College of Technology	12/03/2020 & 13/03/2020
8.	Mr.P.OmPrakash/ Asst.Prof.	Multiple Object Detection and Tracking Using LBP method	International Conference	KIT, Coimbatore	13-03-2020
9.	Mr. R. Rajaraja	Textile Industrial Sewage Monitoring System using IoT	International Conference on Innovation in Engineering, Science and Technology	Kalasalingam Institute of Technology, krishnankoil	12.03.2020 & 13.03.2020
10.	Mr. B. Karthikeyan	Cancer Detection And Classification in MRI Brain Images Using Deep Neural Network	International Conference on Green, Intelligent Computing & Communication Systems-(ICGICCS'20)	Hindusthan College of Engineering and Technology, Coimbatore-32	5/3/2020
11.	Ms. J. Dalfiah	Wideband Monopole Antenna for Biomedical WLAN Applications	International conference on signal Processing and communication systems	M.kumarasamy college of engineering	5.3.2020

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Academic Year : 2018-19

International Conference:

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Host of the conference	Date
1.	Dr. A. Babu Karupiah	Life saving Ambulance Control System using IOT	National Conference on Smart Computing & Advanced Communication (SCAC'19)	PSNA College of Engineering and Technology	15.03.2019
2.	Dr. P. Suveetha Dhanaselvam	Design of Heterojunction diode using Comsol	International conference on Innovations in Engineering, Science & Technology-ICIEST'2019	Kalasalingam Institute of Technology	15/02/2019 & 16/2/2019
3.		Design of Efficient Parallel Prefix Adder using EPGA	6th International Conference on Emerging Trends in Engineering & Technology'19(ICETET'19)	Pandian Saraswathi Yadav Engineering College	March 2019
4.	Dr. P. Rajeswari	An Improved Polarized Omni-Directional Antenna for Millimeter-wave Applications	International Conference on Trending Technologies in Engineering Research(ICTER-2019).	Mangayarkarasi College of Engineering	15/03/2019
5.	Mr. A. Suban	Improving Energy Efficiency by Bayesian Channel Estimation & Joint Multiflow Beam forming in massive MIMO System	6th Conference on Networking, Intelligence and Computing	Kalaingar Karunanidhi Institute of Technology	November 2018
6.	Mr. M. Sakthivel	ANN controlled PWM Technique in Solar Photovoltaic Conversion system	International conference on Emerging trends in Engineering & Technology'19(ICETET'19).	Pandian Saraswathi Yadav Engineering College	March 2019
7.		IOT based Integrated system for Flood Alert	International conference on Emerging trends in Engineering & Technology'19(ICETET'19).	Pandian Saraswathi Yadav Engineering College	March 2019

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S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Host of the conference	Date
8.	Mr. R. Arasa Kumar	Automated Waste Segregator & Monitoring System	National Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology	15/03/2019
9.	Mr. K. Karthik	Implementation of IOT based Smart Power Monitoring & Controlling system	International conference on Emerging Trends in Engineering & Technology'19(ICETET'19)	Pandian Saraswathi Yadav Engineering College	15/03/2019 & 16/03/2019
10.		Environment Monitoring & Controlling system using Wireless Protocol	International conference on Emerging Trends in Engineering & Technology'19(ICETET'19)	Pandian Saraswathi Yadav Engineering College	15/03/2019 & 16/03/2019
11.	Mr. B. Karthikeyan	Implementation of Clock Boosting Algorithm in MPSOC using XILINX FPGA	International conference on Emerging Trends in Engineering & Technology'19(ICETET'19)	Pandian Saraswathi Yadav Engineering College	15/03/2019 & 16/03/2019
12.		IOT Based Drinking water management system	International conference on Emerging Trends in Engineering & Technology'19(ICETET'19)	Pandian Saraswathi Yadav Engineering College	15/03/2019 & 16/03/2019

National Conference:

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Host of the conference	Date
1.	Dr. P. Karthikeyan	Electronic Digital wallet	National conference on Smart Computing & Advanced communication(SCAC'19)	PSNA College of Engineering and Technology	15/3/2019
2.		Automatic Grading system of Jasmine Flower	National conference on Smart Computing & Advanced communication(SCAC'19)	PSNA College of Engineering and Technology	15/3/2019
3.	Ms.S.Kanaga malliga	Fire Detection in Video sequence using Deep CNN based Algorithm and Localization	International Conference on Trending Technologies in Engineering Research	Mangayarkaras i College of Engineering	March 2019

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4.	Mr. R. Rajaraja	Automatic Tyre Sorting System	National Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology	15/03/2019
5.	Ms. A. Alaimahal	Detection of Exudates in Fundus Image and Identification of Diabetic Retinopathy using RNN	National Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology	15/03/2019
6.		Classification of a brain tumor in MRI using PNN based fuzzy approach	National Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology	15/03/2019
7.		Detection of Microaneurysms in Fundus Image for Diabetic Retinopathy Identification	National Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology	15/03/2019
8.	Mr. V. Karthick	Human Trespassing Detection in Deep forest using low power WSN	National Conference on Smart Computing and Advanced Communication	PSNA College of Engineering and Technology	15/03/2019

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