Association of Electrical Sciences
SIDDAGANGA INSTITUTE OF TECHNOLOGY
TUMKURU - 572103, KARNATAKA, INDIA.
(An Autonomous Institute affilliated to Visvesvaraya Technological University, Belgaum.

Approved by AICTE, Accredited by NACC with A++ Grade, New Delhi and ISO 9001-2015 Certified)

Phone : Direct 0091-816-2282696, 2214001, (Off.) +91-816-2214000

Fax : +91-816-2282994 **Website:** icsses.sit.ac.in

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

Sl. No.	Paper ID	Paper Title	Presentation
1	6	Using Elliptic Curve Cryptography for Homomorphic Hashing	online
2	69	Deep Learning Technique Used for Tomato and Potato Plant Leaf Disease Classification and Detection	online
3	71	Cardiac arrest prediction using gradient boosting algorithm	online
4	88	Air Quality prediction based on decision tree using machine learning.	offline
5	110	Classroom Activity Detection in Noisy Preschool Environments with Audio Analysis	online
6	120	Blockchain and IoT-based Medical care utilizing secure and protection safeguarding watermark	online
7	126	Vision based automated guided vehicle	online
8	128	Robotic orchard: A smart and efficient solution for fruit harvesting	online
9	135	Data Acquisition of Iris and ECG for Person Biometric authentication and verification	offline
10	137	Deep Learning based Super-Resolution for Accurate COVID-19 diagnosis in Chest CT Images	online
11	145	Crop Yield Prediction of Cotton Using Optimization Technique	online
12	166	State Estimation and Localization of Autonomous Systems Using Error-State Extended Kalman Filter	online
13	181	Detection of path history of an emitter using TDOA measurements and Spherical Intersection Algorithm	offline
14	185	iSmartYog: A Real time Yoga Pose Recognition and Correction Feedback Model using Deep Learning for Smart Healthcare	online
15	189	Advancements and Challenges in 5G Networks: A Comprehensive Survey	offline
16	191	Smart Wearable Memory Band System for Alzheimer's Patients	online
17	192	Fingerprint definition for song recognition using Machine Learning Algorithm	online
18	208	Classification of Valvular Diseases using Phonocardiogram without Segmentation and Gammatone Filters	offline
19	216	Classification of Skin Cancer using Machine Learning Techniques	online
20	221	Breast Cancer Detection with Multiparametric Magnetic Resonance Imaging using Deep Learning	online
21	233	Multiclass Classification of Rail Track Defects Using Deep Learning Techniques	online
22	237	An Intelligent VGG-16 Framework for Brain Tumor Detection Using MRI-Scans	online
23	253	Machine learning models for early prediction of malignancy in sepsis using clinical dataset	online
24	270	Optimal Sensor Network Solution Based Smart Drip Irrigation System	offline
25	276	Stairs Count and Zebra Crossing Distance Estimation for Visually Impaired Individuals	online
26	279	Classification of voice pathology using different features and Bi-LSTM	online

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Sl. No.	Paper ID	Paper Title	Presentation
27	297	A Novel Based Crop Prediction using Machine Learning and Internet of Things	online
28	302	Implementation of Wearable Device for Monitoring Alzheimer's Patients	online
29	304	Automatic Early Detection of Dysarthria Using Deep Neural Network	offline
30	310	Design of Wide Bandpass Filter using Planar Metal Strip Grating by analyzing dispersion properties	offline
31	316	Multi-Objectives Based Reliable Routing Algorithm for IoT Health Care	offline
32	323	Efficient Artificial Intelligence-Teaching Assistant Based on ChatGPT	online
33	339	Multiple layer security system to access encrypted secure IP streaming videos using matlab	online
34	343	Bacterial detection in contaminated water photonic crystal sensor	offline
35	344	Post-Quantum Cryptography Neural Network	online
36	349	Performance Evaluation of Machine Learning Algorithms for Website Defacement Attack Detection	online
37	351	Traffic Flow Prediction Method Based on Similarity Graph and Temporal Convolution Units	online
38	355	Realization of Free S pace Optical Communication	offline
39	360	Impact of Al and Mn doping on structural and Electrical properties of the Green synthesized ZnO Nanoparticles	offline
40	361	Non-Invasive Detection of Breast Cancer Using Antipodal Vivaldi Antenna	online
41	385	GSO-VGG-16 Model for Predicting Diabetic Retinopathy by Analysing Up-Sampled Gaussian Filtered Fundus Images	online
42	398	A Deep Learning Approach for Detection and Classification of Ten Species of Monkeys	online
43	399	OFDM Transmision for encrypted images based on 3D Chaotic Map and S-Box through Fading Channel	online
44	406	Hardware Acceleration using SIMD based Vector Processor Array to Enhance performance of Deblurring Methods for CT and MRI Images having Motion Blur Artifacts	online
45	425	Hands-Free Mouse Control Using Facial Feature	offline
46	429	Automated Text Summarizer Using Google Pegasus	online
47	437	Identification of Suitable Machine Learning or Deep Learning Algorithm for Diabetic Retinopathy Detection	online
48	442	Investigating the Effectiveness of Free Space Optics in Central Indian State of Madhya Pradesh: A Performance Evaluation	online
49	479	Dielectric properties of green synthesized Sb:SnO2 nanoparticles	offline
50	662	Automatic Classification of Sober/Drunk Through Iris Pattern Recognition	offline
51	675	Performance Analysis of Underwater Images Enhancement techniques	offline
52	679	Millimeter-Wave Dielectric Resonator Antenna for Breast Tumor Detection	offline

International Conference on Smart Systems for applications in Electrical Sciences [ICSSES-2023]

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ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

Track 1 ECL 201 SEMINAR HALL

07.07.2023

11.30 pm- 1.00 pm

Sl no	Paper ID	Title	Presentation
1	88	Air Quality prediction based on decision tree using machine learning.	offline
2	135	Data Acquisition of Iris and ECG for Person Biometric authentication and verification	offline
3	6	Using Elliptic Curve Cryptography for Homomorphic Hashing	online
4	69	Deep Learning Technique Used for Tomato and Potato Plant Leaf Disease Classification and Detection	online
5	71	Cardiac arrest prediction using gradient boosting algorithm	online

2.00 pm- 3.30p m

Sl no	Paper ID	Title	Presentation
1	189	Advancements and Challenges in 5G Networks: A Comprehensive Survey	offline
2	270	Optimal Sensor Network Solution Based Smart Drip Irrigation System	offline
3	128	Robotic Orchard:A Smart And Efficient Solution For Fruit Harvesting	online
4	137	Deep Learning based Super-Resolution for Accurate COVID-19 diagnosis in Chest CT Images	online
5	145	Crop Yield Prediction of Cotton Using Optimization Technique	online

4.00 pm- 5.30p m

Sl no	Paper ID	Title	Presentation
1	304	Automatic Early Detection of Dysarthria Using Deep Neural Network	offline
2	343	Bacterial Detection In Contaminated Water Using Photonic Crystal Sensor	offline
3	192	Fingerprint definition for song recognition using Machine Learning Algorithm	online
4	216	Classification of Skin Cancer using Machine Learning Techniques	online
5	221	Breast Cancer Detection with Multiparametric Magnetic Resonance Imaging using Deep Learning	online

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ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT
Track 1 ECL 201 SEMINAR HALL

08.07.2023
9.00 am- 10.30am

Sl no	Paper ID	Title	Presentation
1	360	Impact of Al and Mn doping on structural and Electrical properties of the Green synthesized ZnO Nanoparticles	offline
2	425	Hands-Free Mouse Control Using Facial Feature	offline
3	276	Stairs Count and Zebra Crossing Distance Estimation for Visually Impaired Individuals	online
4	279	Classification of voice pathology using different features and Bi-LSTM	online
5	442	Investigating the Effectiveness of Free Space Optics in Central Indian State of Madhya Pradesh: A Performance Evaluation	online

11.00 am- 12.30pm

Sl no	Paper ID	Title	Presentation
1	479	Dielectric properties of green synthesized Sb:SnO2 nanoparticles	offline
2	679	Millimeter-Wave Dielectric Resonator Antenna for Breast Tumor Detection	offline
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ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

07.07.2023

Track 2 ECL 301 SEMINAR HALL

11.30 pm- 1.00 pm

Sl no	Paper ID	Title	Presentation
1	181	Detection of path history of an emitter using TDOA measurements and Spherical Intersection Algorithm	offline
2	208	Classification of Valvular Diseases using Phonocardiogram without Segmentation and Gammatone Filters	offline
3	110	Classroom Activity Detection in Noisy Preschool Environments with Audio Analysis	online
4	120	Blockchain and IoT-based Medical care utilizing secure and protection safeguarding watermark	online
5	126	Vision based automated guided vehicle	online

2.00 pm-3.30 pm

Sl no	Paper ID	Title	Presentation
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2	316	Multi-Objectives Based Reliable Routing Algorithm for IoT Health Care	offline
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4.00 pm-5.30 pm

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1	662	Automatic Classification of Sober/Drunk Through Iris Pattern Recognition	offline
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