



Association of Electrical Sciences
SIDDAGANGA INSTITUTE OF TECHNOLOGY

TUMKURU - 572103, KARNATAKA, INDIA.

(An Autonomous Institute affiliated 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:** icses.sit.ac.in

ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT

Sl. No	Paper ID	Paper Title	Presentation
1	92	Wireless Detection Systems Using Matrix-Oriented Diffusion	online
2	93	An Efficient Digital Cluster Scheme to Improve the Lifetime Ratio of Wireless Sensor Networks	online
3	105	Implementation of new Incremental Mass Clustering Algorithm to Handle Dynamic Dataset and Identify Core, Non-Core, Noisy Points	offline
4	117	An Energy Efficient Wireless Detection System Using Artificial Neural Network	online
5	198	A Novel based CGR- Cooperative Global Sequencing for Distributed Wireless Sensor Networks	online
6	199	Enhanced Crop Protection in Agriculture utilizing open source platform	offline
7	202	Effective method for vehicle-Automatic emergency braking system and blind spot detection using Radar and IoT	online
8	210	Wireless Sensor Network and AI boom in classroom	online
9	218	Real Time Detection of Humps and Potholes	online
10	230	Performance Analysis of Piezo Resistive MEMS Cantilever for the Detection of VOCs	online
11	303	A Novel Based NSEC System for Integrating Network Capability with Wireless Sensor Network using Web Services	online
12	325	Multimodal Biometric System Using Alex Net Model	online
13	327	Vehicle to Vehicle Communication using RF technology	online
14	337	Multimodal biometric authentication	offline
15	348	Loss of lock characteristics of Global Positioning System Signals under Ionospheric Scintillations at Guntur, India	online
16	393	Design and Simulation of Low Noise Amplifier For sub-6GHz 5G Application	offline
17	447	Dual Band Dual Circularly Polarized Patch Antenna for Sub-6 and Wi-Fi Applications	online
18	449	SIT-HANDS:A Novel RGB-D Dataset for Static Hand Gesture Recognition using Kinect Sensor	offline
19	572	Post Quantum Implications on Private and Public Key Cryptography	offline
20	647	Comparative Study of 5G Wireless Technologies	offline
21	653	Intelligent reflecting surface assisted wireless communication for coverage enhancement	offline
22	654	Classification of Healthy and Diseased Silkworms using Ensemble Learning and CNN	offline
23	655	Simulation of Terahertz Communication in Vehicular Network	offline
24	658	Wireless Communication using Autoencoder	offline
25	661	Solar Power Based Multipurpose Agriculture Robot With Leaf-Disease Detection	offline
26	664	Design of MMIC based Ka-band Power Amplifier using 0.15um GaN for Satellite Communication	offline
27	666	IoT based Lake Cleaning Machine for Removal of Floating Waste Objects	offline
28	670	LiDAR-based Advanced Driver Assistance for Vehicles	offline



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ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT

Track 3 TEL 101 SEMINAR HALL

07.07.2023

11.30 pm- 1.00 pm

Sl no	Paper ID	Title	Presentation
1	105	Implementation of new Incremental Mass Clustering Algorithm to Handle Dynamic Dataset and Identify Core, Non-Core, Noisy Points	offline
2	199	Enhanced Crop Protection in Agriculture utilizing open source platform	offline
3	670	LiDAR-based Advanced Driver Assistance for Vehicles	offline
4	92	Wireless Detection Systems Using Matrix-Oriented Diffusion	online

2.00 pm- 3.30p m

Sl no	Paper ID	Title	Presentation
1	337	Multimodal biometric authentication	offline
2	393	Design and Simulation of Low Noise Amplifier For sub-6GHz 5G Application	offline
3	202	Effective method for vehicle-Automatic emergency braking system and blind spot detection using Radar and IoT	online
4	117	An Energy Efficient Wireless Detection System Using Artificial Neural Network	online
5	198	A Novel based CGR- Cooperative Global Sequencing for Distributed Wireless Sensor Networks	online

4.00 pm- 5.30p m

Sl no	Paper ID	Title	Presentation
1	572	Post Quantum Implications on Private and Public Key Cryptography	offline
2	647	Comparative Study of 5G Wireless Technologies	offline
3	653	Intelligent reflecting surface assisted wireless communication for coverage enhancement	offline
4	93	An Efficient Digital Cluster Scheme to Improve the Lifetime Ratio of Wireless Sensor Networks	online
5	210	Wireless Sensor Network and AI boom in classroom	online



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ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT
Track 3 TEL 101 SEMINAR HALL

08.07.2023
9.00 am- 10.30am

Sl no	Paper ID	Title	Presentation
1	449	SIT-HANDS:A Novel RGB-D Dataset for Static Hand Gesture Recognition using Kinect Sensor	offline
2	654	Classification of Healthy and Diseased Silkworms using Ensemble Learning and CNN	offline
3	218	Real Time Detection of Humps and Potholes	online
4	230	Performance Analysis of Piezo Resistive MEMS Cantilever for the Detection of VOCs	online
5	303	A Novel Based NSEC System for Integrating Network Capability with Wireless Sensor Network using Web Services	online

11.00 am- 12.30pm

Sl no	Paper ID	Title	Presentation
1	655	Simulation of Terahertz Communication in Vehicular Network	offline
2	658	Wireless Communication using Autoencoder	offline
3	661	Solar Power Based Multipurpose Agriculture Robot With Leaf-Disease Detection	offline
4	325	Multimodal Biometric System Using Alex Net Model	online
5	327	Vehicle to Vehicle Communication using RF technology	online

2.00 pm- 3.30pm

Sl no	Paper ID	Title	Presentation
1	664	Design of MMIC based Ka-band Power Amplifier using 0.15um GaN for Satellite Communication	offline
2	666	Iot Based Lake Cleaning Machine – Removal of Floating Waste Objects	offline
3	348	Loss of lock characteristics of Global Positioning System Signals under Ionospheric Scintillations at Guntur, India	online
4	447	Dual Band Dual Circularly Polarized Patch Antenna for Sub-6 and Wi-Fi Applications	online