TECHNICAL SESSION 2 : COMMUNICATION - 1 (CN1)

Date: 20-05-2023   Time: 9.00am – 10.30am

Venue : Planet

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 1.1	18	Design, Implementation and Performance Assessment of Switchable Tracking Loop Filters for Extreme High Dynamic NavIC/GNSS Receiver	Vinoj V S	09.00-09.15
2	CN 1.2	19	Energy-efficient Data Aggregation Schemes for Low-power Distributed Wireless Sensor Networks using Compressed Sensing	Vinod Pankajakshan	09.15-09.30
3	CN 1.3	232	Accuracy improvement for MEMS Piezoresistive Pressure Sensors	Sabooj Ray	09.30-09.45
4	CN 1.4	149	Deep Learning Based Digital Wireless Communication System	SANDRA KAKKARAYIL JAYAKUMAR	09.45-10.00
5	CN 1.5	184	Inter-Stage Relay Selection Architecture for Priority Based User Scheduling among Multiple Users using Hybrid Cuckoo Search Optimization Algorithm	Ashok K	10.00-10.15
6	CN 1.6	199	Estimation of Ad Hoc Communication Channel using Stochastic Filters	T. S. Anu	10.15-10.30

TECHNICAL SESSION 5 : COMMUNICATION - 2 (CN2)

Date: 20-05-2023   **Time: 9.00am – 10.30am**

Venue : Venus

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 2.1	214	Low frequency radar for improving radar cross section	NEETHU L S	09.00-09.15
2	CN 2.2	235	Free Space Optics Challenges and Solutions at 5G Networks - A Review	Soumya K K	09.15-09.30
3	CN 2.3	259	Configurable Synthesizer For DWR Application	Vikas Kumar	09.30-09.45
4	CN 2.4	280	PAPR reduction in LFDMA systems using Modified Selective Mapping	LEKSHMI R NAIR	09.45-10.00
5	CN 2.5	282	A Configurable, Multi-Channel, Direct Wideband RF Sampling SWaP-C Optimized Transceiver and Processing Module for EW Systems	JATIN J M	10.00-10.15
6	CN 2.6	99	Artificial Magnetic Conductor Based Multi Slotted Patch Antenna for Wireless Applications	RAJAVEL V	10.15-10.30

TECHNICAL SESSION 8 : COMMUNICATION - 3 (CN3)

Date: 20-05-2023　　　　　　**Time: 12.30pm – 2.00pm**

Venue : Nova

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 3.1	63	Comparative Study of Detection of ADHD using EEG Signals	Anchana V	12.30-12.45
2	CN 3.2	65	Comparative Study on Epilepsy Prediction Using Modern Techniques	PARVATHY LAL B	12.45-01.00
3	CN 3.3	69	Analysis of Fiber Proportion in Lower Limb Muscles Using Smoothed Pseudo Wigner-Ville Distribution	REMYA R NAIR	01.00-01.15
4	CN 3.4	84	A review of Alzheimer's Disease Detection from Spontaneous Speech and Text	VRINDHA M K	01.15-01.30
5	CN 3.5	166	Removal of EOG and EMG artifacts from EEG signals using blind source separation methods	Lekshmylal P L	01.30-01.45
6	CN 3.6	129	Facial Emotion Recognition based on Attentive Neural Network for the Blind	Maya T	01.45-02.00

TECHNICAL SESSION 11: COMMUNICATION - 4 (CN4)

Date: 20-05-2023　　　　　**Time: 3.30pm – 5.15pm**

Venue : Galaxy

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 4.1	244	Damping Control for Heaving Wave Energy Converters Using Maximum Power Point Tracking Methods	Bisni Fahad Mon	03.30-03.45
2	CN 4.2	75	A Comparative Investigation of Double Active Bridge Converters and Isolated Boost Mode Full Bridge Converters for Bidirectional Energy Harvester Interface applications	RAMESH P	03.45-04.00
3	CN 4.3	152	Performance Analyses of Boost and Interleaved Boost Converters used in Wireless EV Charging Systems	SAIRA MARIAM PAUL	04.00-04.15
4	CN 4.4	190	Self-supported Dynamic Voltage Restorer for Power Distribution System	Manju A S	04.15-04.30
5	CN 4.5	174	Design of a Versatile Soft Pneumatic Gripper	SANJAY KRISHNA	04.30-04.45
6	CN 4.6	68	An Area Optimized Floating-Point Coprocessor for RISC-V Processor	GAYATHRI G P	04.45-05.00
7	CN 4.7	107	Optimization Strategies for Low-Latency 5G NR LDPC Decoding on General Purpose Processor	Mody Sy	05.00-05.15

TECHNICAL SESSION 14: COMMUNICATION - 5 (CN5)

Date: 20-05-2023　　　　　**Time: 3.30pm – 5.00pm**

Venue : Luna

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 5.1	54	Reswave-Net: A wavelet based Residual U-Net for Brain Tumour Segmentation and Overall Survival Prediction	Shilna E	03.30-03.45
2	CN 5.2	135	A Review on Food Adulteration Detection Techniques: Methodologies, Applications, and Challenges	Sneha S	03.45-04.00
3	CN 5.3	162	State-of-the-Art Techniques For Design Of Anti-Cancer Drug Delivery System Based On Optimal Control Methods: A Review	SHIMI MOHAN	04.00-04.15
4	CN 5.4	202	Estimation of continuous blood pressure from pressure pulse wave morphology	Agnes Jinu	04.15-04.30
5	CN 5.5	88	Speech Emotion Recognition, Datasets, Features and Models: A Review	GEETHU V	04.30-04.45
6	CN 5.6	224	Reconfigurable Beam forming Architecture for Ultrasound Imaging	ARIYA CARMEL	04.45-05.00

TECHNICAL SESSION 18: COMMUNICATION - 6 (CN6)

Date: 21-05-2023　　　　　**Time: 9.30am – 11.00am**

Venue : Nova

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 6.1	269	A Space Vector PWM Signal Generation for Five Level Five Phase Inverter Drives	SHANI S J	09.30-09.45
2	CN 6.2	53	Investigations on Recent Advancements in the Fabrication of In-Plane Micro-Supercapacitors as Portable Energy Storage Devices	Sangeetha Gopan G S	09.45-10.00
3	CN 6.3	153	AMS circuit modeling by Bayesian Model Fusion	Anjana Mohan	10.00-10.15
4	CN 6.4	157	A Review on Electromagnetic Metamaterial Absorbers	JEENA VIJI	10.15-10.30
5	CN 6.5	179	DESIGN AND SIMULATION OF CZTSSe-BASED SOLAR CELL WITH ZnS AS NOVEL BUFFER LAYER	Aswathy K M	10.30-10.45
6	CN 6.6	267	Sensorless Direct Torque Control Techniques for Induction Motor Drives : A Status Review	Aswini Dutt	10.45-11.00

TECHNICAL SESSION 19: COMMUNICATION - 7 (CN7)

Date: 21-05-2023   **Time: 11.15am – 1.00pm**

Venue : Galaxy

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 7.1	43	A NOVEL GENERAL PURPOSE PROCESSING ASIC FOR INERTIAL SENSORS	Sruthimol T	11.15-11.30
2	CN 7.2	66	Bidirectional Voltage Level Shifter with Configurable Voltage Range	Dominic George Joseph	11.30-11.45
3	CN 7.3	83	FPGA Implementation of a High Speed Efficient Single Precision Floating Point ALU	AZHAR YASEEN N J	11.45-12.00
4	CN 7.4	138	Design and implementation of Modbus serial line Server RTU VIP	ARATHI L	12.00-12.15
5	CN 7.5	186	Performance Comparison of Sliding Free-standing Mode Triboelectric Nanogenerator (TENG) Based Sensors for IoT applications	Chithra S	12.15-12.30
6	CN 7.6	284	Recent Developments in Plastic Optical Fiber based Wearable Sensors	Pramod PP	12.30-12.45
7	CN 7.7	289	Embedded System Based Intelligent Anti-Troxler Headlamp	Nithin S S	12.45-01.00

TECHNICAL SESSION 20: COMMUNICATION - 8 (CN8)

Date: 21-05-2023   **Time: 11.15am – 12.45pm**

Venue : Planet

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 8.1	61	Review on Video Super Resolution: Methods and Metrics	SHIVA RESHMA R	11.15-11.30
2	CN 8.2	133	IMAGE INPAINTING USING DEEP LEARNING TECHNIQUES: A REVIEW	Haritha L	11.30-11.45
3	CN 8.3	171	A REVIEW ON UNDERWATER IMAGE ENHANCEMENT TECHNIQUES	AMALA V R	11.45-12.00
4	CN 8.4	219	Microwave Imaging Technique for Detection of Low-Density Contaminants in Packaged Food	Neethu Sajeev V P	12.00-12.15
5	CN 8.5	278	Deep fake Detection using deep learning techniques: A Literature Review	AMALA MARY	12.15-12.30
6	CN 8.6	290	Machine Learning Approach for Mixed type Wafer Defect Pattern Recognition by ResNet Architecture	Remya KP	12.30-12.45

TECHNICAL SESSION 23: COMMUNICATION - 9 (CN9)

Date: 21-05-2023   **Time: 1.30pm – 3.00pm**

Venue : Nova

Sl. No.	Session ID	Paper ID	Title	Presented by	Time Slot
1	CN 9.1	8	Performance Improvement of a MEMS Gyroscope Using Filtering and Machine Learning Methods	RINU CHACKO	1.30–1.45
2	CN 9.2	31	EBICS:Even Blind I Can See, A Computer Vision Based Guidance System For Visually Impaired	Visakh Bobby	1.45-2.00
3	CN 9.3	144	Detection of typical Pathologies and Differential Treatments in Dental Panoramic X-Rays based on Deep Convolutional Neural Network	Athira Thulaseedharan	2.00–2.15
4	CN 9.4	208	Detecting Alzheimer's Disease using Multi-Modal Data : An Approach Combining Transfer Learning and Ensemble Learning	Shijin Knox G U	2.15–2.30
5	CN 9.5	297	A Novel Approach for Underwater Image Enhancement Using Style Transfer Technique	Adithya Anil	2.30-2.45
6	CN 9.6	23	An Indigenous 32 Bit Pipelined Processor for Space Applications	Nimmy Joseph	2.45-3.00