

S.No.	Names of Authors	Paper Title	Track
1	Manoj Shrivastava, Ripudaman Singh, Pramod Kumar, Azharuddin Khan	A CPW Fed Circular Patch Antenna Loaded With Metamaterial For Gain Enhancement	TRACK 3: RF, MICROWAVE AND MMWAVE
2	Vaskar Rajkhowa, Loganathan MK, Manvinder Singh Pahwa	Total Quality Management (TQM) for clean, affordable and reliable energy in research and development lab - A case-study from north east India	TRACK 10: HUMANITARIAN TECHNOLOGY
3	Abirami Karthikeyan,A.Rajesh	Non-invasive adulteration sensing in milk with graphene nanomaterial sputtering	TRACK 3: RF, MICROWAVE AND MMWAVE
4	Deepika Kumaradasan, Dr. Sougata Kumar Kar, Dr. Santanu Sarkar	An 8-bit 100 kS/s Low Power SAR ADC with Modified EPC for Bio-Medical Applications.	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
5	Karthik Nasani, Brinda bhowmik, puspa devi pukhrambam	Study of parametric variations on Heterojunction Dual Gate Vertical TFET for performance Enhancement	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
6	Karthik Nasani, Brinda Bhowmick, puspa devi pukhrambam	Study of parametric variations on Heterojunction Dual Gate Vertical TFET for performance Enhancement	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
7	Rishav Chanda, Soumi Tokdar, Jayeeta Chanda, Ananya Kanjilal , Sankhayan Choudhury	An Efficient and Cost-Effective Approach for Targeted Influence Maximization	TRACK 6: SOFTWARE ENGINEERING
8	Anurag Dutta, Samrat Ray, Elena V. Korchagina, Andrey Druzhinin, Nikolay D. Dmitriev	Plexus Search – A Search Enumeration	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
9	MADHUCHHANDA BASAK, DIPTADIP MAITI, DEBASHIS DAS	Enhancing Seizure Detection from EEG Signals- Optimization Driven Feature Selection and Classification using Artificial Neural Networks	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
10	Koesha Sinha, Bitan Misra, Sayan Chakraborty, Nilanjan Dey	AI Sovereignty in Autonomous Driving: Exploring Needs and Possibilities for Overcoming Challenges	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
11	Banya Das, Susmita Roy, Paritosh Bhattacharya	Quadratic Interpolation enhanced hybrid Grey Wolf Optimization and Moth Flame Optimization for global optimization	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
12	Sayanti Jana, Iti Saha Misra	Exploration of Different Combination of Antenna Diversity Techniques for MIMO-PD-NOMA with Experimental Validation	TRACK 1: COMMUNICATION AND NETWORKING
13	Utkarsh Prakash Srivastava, Krishnakant Mahesh Shedje, Tawal Kumar Koirala, Palash Ghosal	A Transfer Learning based GUI for Skin Cancer Diagnosis and Classification using Dermoscopic Images	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
14	Kushagra Agrawal, Navneet Kumar	Artificial Intelligence Innovations: Inception of new horizons in food processing sector	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
15	Rupanita Das, Tanmaya Kumar Das, Ajay Kumar Yadav	Design of a Linearly Polarized Slotted-Square Patch antenna for RFID Reader Applications	TRACK 3: RF, MICROWAVE AND MMWAVE
16	Himadri Nirjhar Mandal , Soumya Sidhishwari	Classification of Temperature-Strain Effects on Apodized Fiber Bragg Grating Sensor using Artificial Neural Network	TRACK 1: COMMUNICATION AND NETWORKING
17	HIMANGAN SARMA, JAYABRATA MAITY, MUNMUN KHANRA	Data Acquisition of Battery Variables and Estimation of Battery State of Health	TRACK 9: CONTROL AND INSTRUMENTATION
18	Deepjyoti Saha, Sanjib Ganguly	Optimal siting, sizing and scheduling of battery energy storage systems in power distribution networks	TRACK 7: POWER SYSTEM AND SMART GRID
19	ATRI BANDYOPADHYAY ,PRASUN CHAKRABORTY ,SUBHRA DEBDAS ,MAYUKH PATRA , SRIKANTA MOHAPATRA ,DEBANKSH GUHA	Beyond Words : Harnessing GPT-2 to Continue Stories with Imagination	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
20	Sapam Rhison Singh, Manoja Kumar Behera, Lalit Chandra Saikia	Improved Variable Step Size P&O MPPT for Wind Energy Conversion Systems	TRACK 7: POWER SYSTEM AND SMART GRID
21	Sapam Rhison Singh, Manoja Kumar Behera, Lalit Chandra Saikia, Rituraj Borthakur, Tushar Mallik, Jyotishman Gogoi	Implementation of Solar PV-Battery Based Electric Vehicle Charging Station	TRACK 8: POWER ELECTRONICS AND DRIVES
22	NABEEL KOYA A, JOYANTA BASU, WAQUAR AHMAD, SUDEEP P V	Deep Learning based Spoof Detection: An Experimental Study	TRACK 2: SIGNAL PROCESSING

23	Subhojit Malik, Subhajit Roy, Sayan Gupta, Bishal Ram, Mohar Maitra	Prediction of Stress Levels using Low-Cost IoT-Based Health Parameters Measuring System	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
24	Kaustav Moni Hazarika, Pragyan Gogoi, Subrata Kr. Bharadwaj, Shreya Bhawal, Manali Borah, Jintu Das, Khampa Basumatary, Nishwita Das, Kangkana Baishya, Mridushmita Sharma	Smart Wireless Irrigation System-A Prototype	TRACK 10: HUMANITARIAN TECHNOLOGY
25	Anshuman Bhuyan, Basanta Panigrahi, Jyoti Shukla, Kumaresh Pal, Subhendu Pati	Detection and Classification of Disturbances in DG Based Power System using Time–Frequency-Scale Transform	TRACK 2: SIGNAL PROCESSING
26	Dr.M.V.Rajesh,A.Lakshmanarao,Jai Sai Akshay,Chitturi Devi Priyanka Rongala	IOT based smart system for garbage detection and segregation	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
27	Dinesh Kumar Tiwari, Abhishek Kumar Singh, Jiwanjot Singh	PV Connected High-frequency Transformer Based Nine Level Multilevel Converter with Model Predictive Control	TRACK 8: POWER ELECTRONICS AND DRIVES
28	Saurabh Kumar, Alok Ranjan, Amitesh Prakash	A New Approach for Placement of Shunt Active Filter in Distribution System	TRACK 7: POWER SYSTEM AND SMART GRID
29	Dipanjan Dutta, Prabir Ghosh, Abhik Gorai	A Wideband Millimeter-wave MIMO Antenna for Application in 5G Using n260 Frequency Band	TRACK 3: RF, MICROWAVE AND MMWAVE
30	Bitopan Mazumdar, Pankaj Kumar Deva Sarma, Bikash Mazumdar	Generation of Deep Learning Models and Structural Alerts for Accurate Prediction of Eye Irritants	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
31	Pranab Datta, Srinjoy Roy, Amit Kumar Rana, Prasanta Kumar Sinha	Low-cost Robot for smart healthcare services in Hospital	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
32	Sujoy Ranjan Nath, Prithwiraj Purkait	Experimental Studies with Real-Time Hardware-in-Loop Microgrid Structure and its Components	TRACK 7: POWER SYSTEM AND SMART GRID
33	Chandra Prakash Singh, Vivek Pratap Singh, Harsh Ranjan, Abhishek Gupta, and Saurabh Kumar Pandey	A comparative study of an Exponential Window function for Linear Drift Memristor Model	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
34	Rakesh Kumar, Asok De, Priyanka Jain	Miniaturized CPW MIMO Antenna with Enhanced Isolation for 5G Application	TRACK 3: RF, MICROWAVE AND MMWAVE
35	Ishaan Dawar, Sanchit Wadhawan	Predicting Cardiovascular Disease using Machine Learning Techniques	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
36	Arulselvi T S, Kakarla Rishitha, Sirisha R M, Sukka Nandana, Mekaladevi V	Compact Gap-coupled Multi-Slotted Patch Antenna for Sub-6 GHz Communications	TRACK 3: RF, MICROWAVE AND MMWAVE
37	Devenderpal Singh, Shalini Chaudhary, Basudha Dewan, Menka Yadav	A Junctionless Tri-Gate SOI FinFET 8T-SRAM Cell with improved Noise Margin	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
38	Ayanabha Ghosh	Towards Full-page Offline Bangla Handwritten Text Recognition using Image-to-Sequence Architecture	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
39	Shubham Rahul Dabre,Sumit Saha,Devesh Soni	Design Evaluation and Performance Prediction of Different SRAM Cell Topologies through Inverter Optimization for the 5nm Technology Node using GAA CNTFETs	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
40	ADITI CHATTERJEE, SHAON KHATUA, ABINASH PANDA	Solar PV based Hybrid AC/DC Microgrid Design and Transient Analysis for a University Campus	TRACK 7: POWER SYSTEM AND SMART GRID
41	Sri Vasavi Chandu, Manogna Grandhi, Venkata Phaneendra Chandu, Krishna Siva Prasad Mudigonda	A Survey on Extraction of Relations using Knowledge Graphs in Various Applications	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
42	Biswanath Dekaraja, Lalit Chandra Saikia	AGC of two-area deregulated power systems using PSO optimized MFOPIDD controller	
43	Biswanath Dekaraja, Lalit Chandra Saikia	AGC performance improvement of two-area hybrid power systems using PIDD $\mu$ F controller	TRACK 7: POWER SYSTEM AND SMART GRID
44	Anushmita Pathak, Shivendra Kumar Pandey	Electrothermal modeling of Phase change memory with interfacial oxide layer during RESET operation	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS

45	Pragya Jha, Madhusmita Sahu	Smoke Testing of UML Activity Diagrams: An Approach for Ensuring System Reliability	TRACK 6: SOFTWARE ENGINEERING
46	Madhushree Saha, Chandrima Thakur, Sudipta Chattopadhyay Ch	A Novel Relay Selection Strategy for RF Energy Harvested Communication Network	TRACK 1: COMMUNICATION AND NETWORKING
47	Shivangi Nanda, Sushanta Kabir Dutta	Assessing Human Activity Recognition Performances of Different Machine Learning Algorithms Using Sensor Data	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
48	Anindra Mondal, Jihaz Khan, Shruti Prins, Kumaravel S.	Control of Dual Motor Test Bench for Performance Testing of PMSM for Traction Application	TRACK 8: POWER ELECTRONICS AND DRIVES
49	Piyush Saha, Sumon Ghosh, Dinabandhu Bhandari	Text-Conditioned Image Synthesis - A Review	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
50	Sagnik De, Prithwijit Mukherjee, Anisha Halder Roy	A Novel Deep Learning-Based Approach for Hypertension Level Detection Using PPG	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
51	Sourav Ghosh, Shalikram, M. V. Swati	Advancing 5G Connectivity: Design and Analysis of a 4 x 4 Butler Matrix Integrated MM-wave Beam-steerable Antenna Array	TRACK 3: RF, MICROWAVE AND MMWAVE
52	Piyush Saha, Sumon Ghosh, Dinabandhu Bhandari	Text-Conditioned Image Synthesis - A Review	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
53	Roni Brahma, Dr.Gopakumar P	TIE LINE FAULT DETECTION AND CLASSIFICATION IN POWER SYSTEM BASED ON DISCRETE WAVELET TRANSFORM AND TOTAL HARMONIC DISTORTION USING MACHINE LEARNING	TRACK 7: POWER SYSTEM AND SMART GRID
54	Sapam Rhison Singh, Sanjeev Kumar Bhagat, Lalit Chandra Saikia, Manoja Kumar Behera, Amlan Kalita, Somiron Gogoi	Application of a Artificial Hummingbird Algorithm Optimized Tilted Integral Double Derivative Controller for a Multi-Area Thermal Power System	TRACK 7: POWER SYSTEM AND SMART GRID
55	Aribam Deleena Devi, Nidul Sinha, Lalit Chandra Saikia, Sapam Rhison Singh	Detection and Classification of Faults in An Islanded Microgrid Using LSTM Model and its Real Time Validation	TRACK 7: POWER SYSTEM AND SMART GRID
56	Shrabana Saha , Zeenat Rehena	Profiling the Causes of Vehicle Accidents to Prevent its Occurrence	TRACK 1: COMMUNICATION AND NETWORKING
57	T P Vishnu, Gopakumar P, Sunitha R	Design and Development of Composite AC/DC Distribution Architecture for Emerging Hybrid Power Grid	TRACK 7: POWER SYSTEM AND SMART GRID
58	Anjani Kumar, Debanjali Sarkar, Taimoor Khan	Comparative Analysis of Machine Learning Techniques for Resonant Frequency Prediction for Printed Microstrip Antennas	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
59	Rajesh Das, Gaurav Singh Baghel	Design of a Hexagonal Patch, Defected Ground Antenna for Energy Harvesting Applications	TRACK 3: RF, MICROWAVE AND MMWAVE
60	Inayat Hussain Wani, Amandeep Singh	Investigating the Impact of Intermediate Modulation Layer in RRAM on Multilevel Perceptron Performance	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
61	Abhinav Kumar Gupta, Anushmita Pathak, Shivendra Kumar Pandey	Impact of oxygen flow rate and annealing on the structural and optical properties of HfO <sub>2</sub> thin films	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
62	Uday Chandra Akuthota, Lava Bhargava	Evaluation of Machine Learning Models for Intrusion Detection with the UNSW-NB15 Dataset	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
63	Sanjoy Chhatri, Debasish Bhattacharya, Subharashmi Priyadarshini, Kanika	Portfolio adjusting model using uncertainty theory: an application to real finance market	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
64	Gurubaran K, Poornesh S , Shwetha L S, Deepak Athipan A M B, Vidhya N, shabana Parveen M, Parameswaran Ramesh, P.T.V.Bhuvaneswari	Machine Learning Approach for Soil Nutrient Prediction	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
65	Sanjay Krushnan R C, Mohnish S, Naveen S, Ragavan M, Deepak Athipan A M B, Vidhya N, Parameswaran Ramesh, P.T.V.Bhuvaneswari	Secured IoT Framework For Soil Moisture Detection	TRACK 1: COMMUNICATION AND NETWORKING

66	Parikshit Kumar Kanth, Prashant Kumar Tiwari, Naresh Boda	A Control Scheme for Grid Connected Solar Powered EV Charging Station With Hybrid Energy Storage	TRACK 7: POWER SYSTEM AND SMART GRID
67	Apurba Debnath, Anirban Tarafdar, Paritosh Bhattacharya, Azharuddin Shaikh	MOORA MCDM based optimal Machine Learning Regression Techniques for Breast Cancer Prediction	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
68	Shimpi Mayur Jitendra, Kanagalakshmi S, Jihans Khan, Shruti Prins	MRAS Speed estimator based Sensorless Direct Torque Control of Induction Motor	TRACK 9: CONTROL AND INSTRUMENTATION
69	Suneel Yadav, Devendra Singh Gurjar, Gaurav Pandey, Mahendra Shukla	Multi-Relay Multi-User Asymmetric Two-Way Relaying Over Fading Channels: A Unified Outage Analysis and Location Optimization Study	TRACK 1: COMMUNICATION AND NETWORKING
70	Dragana Krstic, Nenad Petrovic, Suad Suljovic, Gaurav Pandey, Devendra Singh Gurjar, Suneel Yadav	AI-Driven Approach for QoS Estimation Using LCR in 5G Network with $\alpha$ - $\eta$ - $\mu$ Fading and CCI Environment	TRACK 1: COMMUNICATION AND NETWORKING
71	Subhajit Roy, Dulal Chandra Das, Nidul Sinha, Rishabh Dev Shukla	A Systematic Review of Islanding Detection Approaches in Microgrids	TRACK 7: POWER SYSTEM AND SMART GRID
72	Meenakshi Danu, T. K. Sunil Kumar, M. G. Navaneeth, Dr. A. P. Sudheer	PSO Based Design of PID Controller for Speed Control of BLDC Motor for Robotic Applications	TRACK 9: CONTROL AND INSTRUMENTATION
73	Pranab Das, Dilwar Hussain Mazumder	MLCNN-CDSE: A Multi-Label Convolutional Neural Network Model for Predicting COVID Drug Side Effects from Images of Stick Structure-Based Chemical Conformers	TRACK 10: HUMANITARIAN TECHNOLOGY
74	Samuel Amde Gebereselassie, Binoy Krishna Roy	Secure Image Encryption Algorithm based on Two-Level Diffusion and Hybrid Chaotic Maps	TRACK 2: SIGNAL PROCESSING
75	Pranab Das, Dilwar Hussain Mazumder	Predicting Drug Functions from Gene Ontology, Amino Acid Sequences, and Drug-Disease Associations through Multi-label Machine Learning	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
76	Aditi Paul, Prof. Shaik Rafi Ahamed and Prof. Roy Paily Palathinkal	ASIC and FPGA Implementation of Radix-2 <sup>2</sup> 32-point MDC-FFT Architecture	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
77	Vishnu Padmakumar, Titu Mary Ignatius, Thockchom Birjit Singha, Roy Paily Palathinkal	A Serial-Parallel-Based 4-Bit Novel Multiplier: Design, Implementation, and Performance Analysis	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
78	Moumita Deb	Study of Linear Fractional Programming Problems By Using Ratio Ranking Method	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
79	Vijeet Kumar, Mrutyunjay Rout	Methodology for Timing Closure in VLSI Physical Design containing high clock to Q Memory Delay.	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
80	Jhumur Santra, Anupam Kumari, Titu Mary Ignatius, Thockchom Birjit Singha, Roy Paily Palathinkal	A High Speed 32-bit Approximate Adder with Improved Accuracy	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
81	Himadri Mukherjee, Matteo Marciano, Ankita Dhar, Kaushik Roy	A song emotion identification system from lyrics using heterogeneous ensemble learning	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
82	Purnendu Das, Nurulla Mansur Barbhuiya, Bishwa Ranjan Roy	A Survey on Way-Based Cache Partitioning	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
83	Mandapaka Krishna Poojitha, Kumaravel S., Balaji R.	Development of Real-Time Data Acquisition System for Phase Shift Full Bridge Converter	TRACK 8: POWER ELECTRONICS AND DRIVES
84	Parikshit Saikia, Hardik Jain, Anshul Mangal, Aditya Singh	Cuisine Prediction from Ingredients using Hyper Parameter Tuning on Machine Learning Algorithms	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
85	Tushar Banik, Saptarshi Chakraborty, Dalton Meitei Thounaojam and Debjani Bhowmik	WOA-FNN: An innovative hybrid optimization technique for effective detection of shot boundaries	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
86	V VIGNESHWARA HANUMANUSAI, VARUNPRABHU RAMASWAMY, ASHOK S	Enhancing Performance and Dependability in E-Drive Testing: A Comprehensive Approach for Communication Reliability and Test Bench Operation Safety	TRACK 9: CONTROL AND INSTRUMENTATION
87	Deepjyoti Saha, Sanjib Ganguly	Optimal Siting, Sizing, and Scheduling of Battery Energy Storage Systems in Power Distribution	TRACK 7: POWER SYSTEM AND SMART GRID

88	Kalyan Sundar Kola, Anirban Chatterjee, Sandip Bhattacharya	An array of Slotted Concentric-ring shaped Printed Radiators for DSRC Applications	TRACK 3: RF, MICROWAVE AND MMWAVE
89	Sripathy P, Sowshree K S, Raghu P, Bharathvaaj M and Natarajamani S	Design And Implementation Of Wearable Antenna For WBAN Applications	TRACK 3: RF, MICROWAVE AND MMWAVE
90	Srikireddy Dhanunjay Reddy, Kumar Gaurav, Tharun Kumar Reddy	Schizophrenia and Bipolar Psychosis Classification with rsfMRI Functional Connectivity Feature Fusion technique using Super Learner	TRACK 2: SIGNAL PROCESSING
91	Kumar Gaurav, Srikireddy Dhanunjay Reddy, Tharun Kumar Reddy	Entropy based EEG irregularity quantification in Single-Channel SSVEP-based BCIs	TRACK 2: SIGNAL PROCESSING
92	Satish Kumar Satti, Goluguri N V Rajareddy, Prasad Maddula, N V Vishnumurthy Ravipati	Image Caption Generation using ResNET-50 and LSTM	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
93	Chandu DS, Pooja N. Kakani, K. B. S. Sri Nagini	Highly Stable Ultra-Thin Wearable Metasurface with Broadband Cross-Polarization Conversion	TRACK 3: RF, MICROWAVE AND MMWAVE
94	V JayaPrakash, K. B. S. Sri Nagini, Chandu DS	Open-Ended SIW Cavity Backed Wearable Antenna for WiMAX Applications	TRACK 3: RF, MICROWAVE AND MMWAVE
95	Yatish Beria, Anurag Borah, Gouree Shankar Das, Akash Buragohain, Partha Protim Kalita and Trishna Doloi	Design and Study of a Highly Sensitive CSRR based Microwave Angular Displacement Sensor	TRACK 3: RF, MICROWAVE AND MMWAVE
96	Chattu Tirupati Rao, Anvi N. Suthar, Dr. J. Venkataramanaiah	A 23-Level Hybrid Inverter with HFL	TRACK 8: POWER ELECTRONICS AND DRIVES
97	Nisha Banerjee, Tusar Rakshit, Ranjith G. Nair	Performance engineering of SnO <sub>2</sub> -based dye-sensitized solar cells through optimization of dye loading and film thickness	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
98	Pujita Ningthoukhongjam, Ranjith G. Nair	Role of titania photoanode phase on the performance of the Dye Sensitized Solar Cell	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
99	Sreeparna Ganguly, Srijanjeet Singh Sehra, Imon Mukherjee	Disjunctive Edge Map based Image Sterilization for Destruction of Steganograms in Spatial Domain	TRACK 2: SIGNAL PROCESSING
100	Parveen Malik, Arunima Singh, Chiranjeet Gorai, Isha Jha, Swastika Pal	Insect Classification Using Pretrained Deep Neural Networks and Transfer Learning	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
101	Riddhi Thorat, Praghresh Bhatt	Impact of Electric Vehicles on Load Frequency Control in an Interconnected Two-Area Restructured Power System	TRACK 7: POWER SYSTEM AND SMART GRID
102	Shantipriya Parida, Sambit Sekhar, Subhadarshi Panda, Swateek Jena, Abhijeet Parida, Soumendra Kumar Sahoo and Satya Ranjan Dash	Olive: An Instruction Following LLaMA Model For Odia Language	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
103	Sukhdev Singh Neti, Varsha Singh	A Triple Gain Five-Level Single-Phase Transformerless Inverter using Switched Capacitor for Renewable Power Applications	TRACK 8: POWER ELECTRONICS AND DRIVES
104	Aparna Panja, Arnab De, Koynndrik Bhattacharjee, Somnath Maity, Ankan Bhattacharya, Bappaditya Roy, Partha Pratim Sarkar, Anup Kumar Bhattacharjee	A miniaturized UWB monopole antenna for sub-6 GHz 5G wireless applications	TRACK 3: RF, MICROWAVE AND MMWAVE
105	Srimathi M, Srivani M, Sanjana Doss, Peeyush K P	Deep Learning based Waste Material Classification	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING
106	Indrojeet Chakraborty, Sreejith S., Sovit Kumar Pradhan	Solar Powered Battery Assisted Water Pumping System with UHGQB converter	TRACK 8: POWER ELECTRONICS AND DRIVES
107	Sovit Kumar Pradhan, Sreejith S., Indrojeet Chakraborty	A High Gain DC-DC Converter based FC-BatterySC System for EV Application	TRACK 8: POWER ELECTRONICS AND DRIVES
108	Gampa Srinivasa Murthy, SC Madhusudhana, Gulam Mainuddin	A Case study on OMC Power's Rooftop solar plant	TRACK 7: POWER SYSTEM AND SMART GRID
109	Kiran Sahu, Atin Mukherjee	Design of a Self-reconfigurable Incrementer for Fault Tolerant VLSI Architecture	TRACK 4: MICRO/NANOELECTRONICS DEVICES AND CIRCUITS
110	Y C A Padmanabha Reddy, Soundarya Lahari Vemuri, Tadikimalla Praveen Mahan, Vangala Sai Teja, Vanam Anil	A Semi-Supervised Deep Learning Approach for Detection and Classification of Lung Diseases	TRACK 5: ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND COMPUTING

111	VISHNU G NATH, SREEDEVI G, HARI KUMAR R	Frequency Regulation in Low-Inertia Microgrid	TRACK 7: POWER SYSTEM AND SMART GRID
112	Lakshman Kumar Dangeti, Ganesh Chilakalapudi, Amrithesh kumar	An improved hybrid switched inductor and switched capacitor based DC-DC Converter to reduce the voltage stress across the switch	TRACK 8: POWER ELECTRONICS AND DRIVES
113	Phanindra A V V N, Ganesh chilakalapudi, Anand panchbhai, Amrithesh kumar	A Real-time design and analysis of Dual Active Bridge DC-DC converter for EV applications	TRACK 8: POWER ELECTRONICS AND DRIVES
114	BILLA HARIKRISHNA, KANAGALAKSHMI S	Reinforcement Learning Tuned PI Controller for Two Tank Interacting Hybrid System	TRACK 9: CONTROL AND INSTRUMENTATION