

SESSION PLAN

Day 1: Thursday, Dec 01, 2022 (Online Management Incharge: Mrs. Bhawna Gupta)	
10:00 - 10:30 A.M.	Inauguration
10:30 - 12:00 P.M.	Technical Session 1
	Session-C1.1: Wireless Communication Systems - I
	Session Chair: Prof. Prem Chand Jain
	Session Rapporteur: Dr. Rachna Singh, Session Incharge: Dr. Vineet Khandelwal
C1.1.1570846970	A Dual-Frequency Antenna of Microstrip Characteristics having with π -shaped Slot for Wireless Communication Application Mr. Bikash Kumar Behera, Mr. Sandeep Kumar Dash and Dr. Jyoti Ranjan Panda
C1.1.1570851647	On the Capacity of VLC Network with RWP Distributed Mobile User Mr. Vishal Narain Saxena, Dr. Juhi Gupta and Dr. Vivek K. Dwivedi
C1.1.1570862027	On Outage Performance for Aeronautical Satellite Communications OFDM system Mr. Houssein Boud, Dr. Quazi Rahman and Prof. Raveendra Kolarramakrishna Rao
C1.1.1570851502	Design of Substrate Integrated Waveguide based Triple Band Pass Filter for Ku and K Band Application Mrs. Ruchi Paliwal and Mrs. Reema Budhiraja
C1.1.1570849765	Four-Stages Stepped-Impedance Resonator Based Ultra-wideband Bandpass Filter With Tunable Notches Mr. Ravi Prakash Verma, Dr. Bhagirath Sahu and Dr. Ashish Gupta
C.1.1.1570852370	Attitude Estimation of HAPs using fused Global Positioning System and Inertial Navigation System Mr. Vishnudatta Indraganti, Mr. Anish Gupta and Mrs. Rachna Sharma
	Session-S1.1: Signal Processing for System Analysis-I
	Session Chair: Prof. Vikas Saxena
	Session Rapporteur: Dr. Neetu Joshi, Session Incharge: Dr. Megha Agarwal
S1.1.1570847650	An Efficient Pre-processing technique using HOLF for 2D image Interpolation Mrs. Jagyanseni Panda and Dr. Sukadev Meher
S1.1.1570849482	Row-wise corrective median filtering for fast impulse noise reduction in color images Mr. Srinivasa Rao Gantenapalli, Dr. Praveen Choppala, Ms. Vandana Gullipalli, Dr. James Stephen and Dr. Paul D Teal
S1.1.1570850734	A new residual image sharpening scheme for image up-sampling Mrs. Jagyanseni Panda and Dr. Sukadev Meher
S1.1.1570851791	Detection of Email Spam using Machine Learning Algorithms: A Comparative Study Mr. Prazwal Thakur, Mr. Kartik Joshi, Mr. Prateek Thakral and Dr. Shruti Jain
S1.1.1570852047	Estimation of Accuracy and Recall Values for the different age groups based on Voice Signals using Different Classifiers Mr. Abhishek Singhal and Prof. Devendra Kumar Sharma
S1.1.1570852211	Food Supply Chain Traceability System Using Blockchain Technology Mr. Sai Radha Krishna G and Mrs. Rekha P
	Session-V1.1: VLSI Circuits and Systems- I
	Session Chair: Prof. Sunil Kumar Khah
	Session Rapporteur: Dr. Pankaj Kumar Yadav, Session Incharge: Ms. Samriti kalia
V1.1.1570847604	Analysis of Si3N4 based n-FDSOI and p-FDSOI MOSFETS for CMOS application Mr. Abhay Pratap Singh, Dr. Vimal Kumar Mishra and Dr. Shamim Akhter
V1.1.1570849709	Electronically Controllable Multiple Input Single Output Universal Filter Employing OTAs Mrs. Komal, Ramnish Kumar, Tvisha Pushkar
V1.1.1570851770	All -Optical N-Bit Reversible Complex Multiplier Mrs. Diksha Ruhela and Mrs. Rajni Jindal
V1.1.1570851854	Design and analysis of Class AB RFC OTA with improved performance Ms. Annu Dabas, Ms. Shweta Kumari, Dr. Maneesha Gupta and Dr. Richa Yadav
V1.1.1570852308	Scattering Parameter Analysis of Gate Stack Gate All Around (GS-GAA) FinFET at THz for RF Applications Mr. Bhavya Kumar, Ms. Megha Sharma and Dr. Rishu Chaujar
V1.1.1570852448	Polarity Control SiGe-Source Tunnel Field Effect Transistor-Based Biosensor for Bio-sensing Applications Mr. Mukesh Kumar Bind, Dr. Kaushal Nigam and Dr. Sajai Vir Singh
	Session-M1.1: Machine Learning for system-I
	Session Chair: Prof. Amit Prakash
	Session Rapporteur: Dr. Rahul Kaushik, Session Incharge: Dr. Madhu Jain
M1.1.1570852171	WSN based Intelligent Coal Mine Monitoring using Machine Learning Dr. Gayatri Sakya, Mr. Akash Shukla, Mr. Aniket Kumar and Mr. Vineet Kumar
M1.1.1570849394	Automated Oral Cancer Detection Using Deep Learning-based Technique Dr. Mohd. Abdul Muqet, Dr. Ali Baig Mohammad, Dr. P Gopi Krishna, Ms. Sayyada Hajera Begum, Dr. Shaik Qadeer and Mrs. Narjis Begum
M1.1.1570850703	Monkeypox Disease Diagnosis Using Machine Learning Approach Mr. Ajay Krishan Gairola and Mr. Vidit Kumar
M1.1.1570853697	Image Embedding and Classification using Pre-Trained Deep Learning Architectures Dr. Raj Gaurang Tiwari, Dr. Alok Misra and Ms. Neha Ujjwal
M1.1.1570852043	Context bucketed text responses using generative adversarial neural network in Android application with tensorflow-lite framework Prof. Prashant Kaushik, Dr. K Vimal Kumar and Mr. Prantik Biswas
M1.1.1570850316	Performance Analysis of conditional GANs based Image-to-Image Translation models for Low-Light Image Enhancement Dr. Neetu Singh, Mr. Abdul Manaf F, Mr. Mudit Rastogi and Mr. Rahul Prasad

Session-E1.1: Embedded Circuits and Systems- I	
Session Chair: Prof. R.C Mittal	
Session Rapporteur: Dr. Vivek Dwivedi, Session Incharge: Mr. B. Suresh	
E1.1.1570852445	A Study on Anomaly Detection with Deep Learning Models for IoT Time Series Sensor Data Ujjwal Sachdeva and P. Raghu Vamsi
E1.1.1570852686	Implementation of 5G-IoT based Smart Residential Buildings using Cisco Packet Tracer 8.1 and Analysis of its Security Framework Mr. Onkar Arora and Mr. Krishan Kumar Singh Yadav
E1.1.1570853953	Underwater Wireless Communication System with the Internet of Underwater Things Mr. Kshitij Kshitij, Ms. Palak Tyagi and Dr. Neelesh Gupta
E1.1.1570854202	AI Based IoT Framework for Soil Analysis and Fertilization Recommendation for Smart Coconut Farming Mrs. Lekshmi Gs and Mrs. Rekha P
E1.1.1570851307	Hardware Implementation of 64-Bits Data by Radix-8 FFT/IFFT for High Speed Applications Dr. Mohan Bansal and Mr. B Anil Kumar
E1.1.1570852151	Optimal Design of Fractional-Order Digital Integrator using Lattice Wave Structure Dr. Abhay Sharma, Mr. Mridul Gupta and Mr. Tarun Rawat
12:00 - 1:00 A.M.	Keynote Talk 1: Prof. M.V. Kartikeyan
01:00 - 2:00 P.M.	BREAK
2:00 - 3:00 P.M.	Keynote Talk 2: Prof. Brahamjit Singh
3:00 - 3:15 P.M.	Break
3:15 - 4:15 P.M.	Technical Session 2
Session-C1.2: Antenna for communication	
Session Chair: Prof. D.K Srivastava	
Session Rapporteur: Dr. Archana Pandey Session Incharge: Mr. Ritesh Kumar Sharma	
C1.2.1570847458	SIW cavity backed self- quadurplexing antenna Mr. Harsh Kumar and Dr. Garima Srivastava
C1.2.1570852036	A Circularly Polarized Cross Slot Cavity backed Substrate Integrated Waveguide Antenna for 60GHz Applications Ms. Nidhi Tewari and Dr. Neetu Joshi
C1.2.1570835992	Different Dielectric Material Used For Flexible Antenna: a Review Mr. Manish and Dr. Narbada Prasad Gupta
C1.2.1570847996	Design and Simulation of RF MEMS Switch Using Uniform Serpentine Flexure Four Meander Type Beam Mr. Kuldeep Sharma, Mrs. Bhawna Tandon, Mr. Vinay Bhatia, Mr. Ashish Chauhan, Dr. Manish Hooda and Mrs. Jyoti Vyas
Session-S1.2: Signal Processing for System Analysis-II	
Session Chair: Prof. Bhasker Gupta	
Session Rapporteur: Dr. Kuldeep Baderia, Session Incharge: Dr. Ankur Bhardwaj	
S1.2.1570847767	VDTA-Based Orthogonally and Electronically Controllable Mixed Mode Third-Order Quadrature Oscillator Dr. Atul Kumar, Dr. Bhartendu Chaturvedi and Mrs. Shafali Jagga
S1.2.1570850465	2D-VMD Based Speckle Reduction in Ultrasound Images using JS distance and Wavelet Thresholding Ms. Bhawna Gupta and Dr. Vineet Khandelwal
S1.2.1570850555	An optimal image segmentation method based on HGSO for CT images Mr. Santosh K Mishra and Dr. Raju Pal
S1.2.1570850893	A Study on Forced Alignment Error Patterns in Kaldi Mr. Punnoose A K
Session-EC1.2 : Evolutionary Computing	
Session Chair: Prof. Sanjay Kumar	
Session Rapporteur:Mr. Atul Kumar Srivastava, Session Incharge:Mr. Mandeep Narula	
EC1.2.1570842339	Study of EEG based Emotion Classification Using Convolutional Neural Networks Mr. Dorian Satuluri, Mr. Bhushanam Saiteja, Mr. Sandeep Kumar Milinda and Mr. Pratik Singh
EC1.2.1570845758	Inclusive and Relative Analysis of Nature Inspired Optimization Algorithms in reference to Sworn Intelligence Mr. Tushar Sharma, Ms. Upinder Kaur and Mr. Shamneesh Sharma
EC1.2.1570851623	Alzheimer's Disease Detection using Particle Swarm Optimization Ms. Neha Garg, Dr. Mahipal Singh Choudhry and Mr. Rajesh Mungasaji Bodade
EC1.2.1570847389	ML Based Non-Invasive Diabetes Detection System Using Pulse Decomposition Analysis of PPG Signal Ms. Bhavya Shaan, Dr. Jyoti Yadav and Ms. Anju Prabha
Session-M1.2: Machine Learning for system-II	
Session Chair: Prof. Vinod Kumar Yadav	
Session Rapporteur:Dr. Abhishek Kashyap , Session Incharge:Dr. Gaurav Khanna	
M1.2.1570852144	Graph and Capsule Convolutional Neural Network Based Classification of Lung Cancer, Pneumonia, COVID-19 Using Lung CT, and Ultrasound Radiography Imaging Mr. Yogesh H. Bhosale and Dr. K Sridhar Patnaik
M1.2.1570852223	A Survey on Reinforcement Learning Based Adaptive Optimal Control design Mr. Hari Om Shanker Mishra, Dr. Sumit Kumar Jha, Dr. Amit Dhawan and Mr. Manish Tiwari
M1.2.1570851440	Lane Detection Using Deep Learning Techniques Srikanth Yalabaka, Dr.Ch. Rajendra Prasad, P Sanjana, B Lokesh, T Shradha and Srinivas Samala
M1.2.1570853966	Comparative Classification Performance Evaluation of Various Deep Learning Techniques for Sentiment Analysis Dr. Raj Gaurang Tiwari, Dr. Alok Misra and Ms. Neha Ujjwal
Session-E1.2: Embedded circuit and systems-II	
Session Chair: Prof. Alka Tripathi	
Session Rapporteur:Mr. Varun Goel , Session Incharge: Dr. Prabhakar jha	
E1.2.1570851296	Dual-Mode Wideband Bandpass Filter Using Single SIW Cavity with Perturbation Slot Dr. Amit Ranjan Azad, Mr. Amit Kumar, Dr. Dharmendra Kumar Jhariya and Dr. Akhilesh Mohan

	E1.2.1570838683	Performance analysis of lightweight algorithm GIFT-COFB for 3-D printer security Ms. Nilufar Yasmin and Dr. Richa Gupta
	E1.2.1570844940	An Investigation on Smart Crop Protection System utilizing Internet of Things Ms. M Siva Sahitya, Mr. L Vinay, Mr. Bindeshwar Prasad Sah, Ms. P Srilatha and Dr. B. S. Kiruthika Devi
	E1.2.1570843810	Early Diagnosis of Alzheimer Disease using GA Optimized Transfer Learning Techniques Dr. Shoba Sivapatham, Ms. Chanthini Baskar, Dr. Sasithradevi Anbalagan, Dr. Saurav Gupta and Mr. Charan R
4:45 - 5:15 P.M.	Keynote Talk 3: Prof. Rajeev Saxena	
Day 2: Friday, Dec 02, 2022 (Online Management Incharge: Mrs. Shradha Saxena)		
09:30 - 10:30 A.M.	Keynote Talk 4: Prof. Sudeb Das Gupta	
10:30 - 10:45 A.M.	Break	
10:45 - 12:15 P.M.	Technical Session 3	
	Session-C2.1 Wireless Communication Systems-II	
	Session Chair: -Dr. Amit Kumar Singh	
	Session Rapporteur: Mr. Ritesh Kumar Sharma, Session Incharge: Dr. Rachna Singh	
	C2.1.1570853252	An Efficient Polynomial Based Quantum Key Distribution approach for Secure Communication Ms. Neha Sharma and Vikas Saxena
	C2.1.1570821270	Performance evaluation of high-speed Manchester encoded free space optics transmission system Dr. Mehtab Singh, Ms. Ina Singh and Mr. Amit Grover
	C2.1.1570826910	Two-Port MIMO Antenna with Circular Slotted Patch Designed for Bluetooth, WiMAX and WLAN Multiband Applications Dr. Manish Sharma, Dr. Rajesh Kumar Kaushal and Dr. Naveen Kumar
	C2.1.1570805746	Mobile Application Based Tracking Using GPS and GSM Mr. Mayank Kumar Jarwal, Mr. Abhimanyu Barun, Mr. Arshpreet Singh and Ms. Akanksha Srivastava
	C2.1.1570852056	Clustering Based Intelligent Spectrum Sensing in Cognitive Radio Network Ms. Amrita Kaul and Dr. Juhi Gupta
	Session-S2.1: Digital Image Processing	
	Session Chair: Dr. Neelesh Gupta	
	Session Rapporteur: Dr. Ankur Bhardwaj, Session Incharge: Dr. Neetu Joshi	
	S2.1.1570832350	Estimating the Number of Speakers by Novel Zig-Zag Nested Microphone Array Based on Wavelet Packet and Dr. Ali Dehghan Firoozabadi, Prof. Pablo Irarrazaval, Dr. Pablo Adasme, Dr. David Zabala-Blanco, Mr. Pablo Palacios Játiva, Dr. Hugo Durney, Mr. Miguel Sanhueza Olave and Mr. Cesar Azurdia
	S2.1.1570851090	Verification of Iridology in Determining Dysfunctionality of Heart Through Deep-Learning Ms. Sruthi K, Dr. Vijayakumar J and Mrs. Thavamani S
	S2.1.1570826322	Multi-Speaker Localization by Central and Lateral Microphone Arrays Based on the Combination of 2D-SRP and Subband GEVD Algorithms Dr. Ali Dehghan Firoozabadi, Prof. Pablo Irarrazaval, Dr. Pablo Adasme, Dr. David Zabala-Blanco, Mr. Pablo Palacios Játiva, Dr. Hugo Durney, Mr. Miguel Sanhueza Olave and Mr. Cesar Azurdia
	S2.1.1570851760	Gaussian Mixture Acoustic Modeling for Exceptional non-native Punjabi Speech Recognition System Dr. Virender Kadyan, Mr. Puneet Bawa, Mrs. Richa Choudhary and Mr. Bhushan Dua
	S2.1.1570852048	Multi-Objective Optimization Approach in Channel Equalization Problems Dr. Pradyumna Kumar Mohapatra, Dr. Saroja Kumar Rout, Mr. Kottu Santosh Kumar, Mr. Anudeep Meda and Mr. Ravi Narayan Panda
	S2.1.1570852156	A Comprehensive Study: Image Forensic Analysis Traditional to Cognitive Image Processing Dr. Vivek Kumar Sehgal and Mr. Surjeet Singh
	Session-V2.1: VLSI circuit and system-III	
	Session Chair: Dr. Dilip Kumar Yadav	
	Session Rapporteur: Mr. Mandeep Narula, Session Incharge: Dr. Pankaj Kumar Yadav	
	V2.1.1570852045	Multimodal Approach to Identify Attention Level of Students using Jetson Nano Dr. Sudha G Sadasivam, Ms. Shanmuhapriya Muthukrishnan and Ms. Harismithaa Lr
	V2.1.1570844027	Study and Design of Compact Tri-band Polarization Independent Microwave Absorber for Stealth Applications Mr. Raghvendra Kumar Singh and Dr. Ashish Gupta
	V2.1.1570833704	A Comprehensive Review on FinFET, Gate All Around, Tunnel FET: Concept, Performance and Challenges Mr. Mandeep Singh Narula and Dr. Archana Pandey
	V2.1.1570843913	Time delay independent of Bilateral Tele-robotic system using wave variable approach Mr. Naveen Kumar, Dr. Niharika Thakur and Dr. Yogita Khanna
	V2.1.1570844767	Performance Analysis and Design of Hetero-Dielectric Heterojunction JLFET with Impact of Interface Traps for Analogue/RF Applications Ms. Priyanka Kwatra, Dr. Kaushal Nigam and Dr. Sajai Vir Singh
	V2.1.1570844905	Photocatalytic Performance of Quaternary Chalcogenides for Degradation of Cationic Dye: A UV-cut study Ms. Chandresh Kumari, Dr. Sandeep Chhoker and Prof. Pankaj Sharma
	Session-M2.1: Machine Learning for system-III	
	Session Chair: Prof. Arun Sharma	
	Session Rapporteur: Dr. Gaurav Khanna, Session Incharge: Dr. Rahul Kaushik	
	M2.1.1570835712	Object Based Forgery Detection in Surveillance Videos using optimized CNN Ms. Sandhya and Mr. Abhishek Kashyap
	M2.1.1570847277	Performance Comparison of Learning Methods for Soil Parameter Estimation Using Hyperspectral Data Mr. Gautham Bolar, Mr. Dheemanth Joshi, Mr. Sai Pranay Chennamsetti and Dr. Sanjeev Gurugopinath
	M2.1.1570846137	Tourist Spot Recommendation from Images Based on Age Group and Location for Dubai using Deep Transfer Learning Mr. Gaurav Rastogi, Dr. J. Angel Arul Jothi and Dr. Ram Krishn Mishra
	M2.1.1570841247	Speaker recognition system using CNN in noisy environment Mrs. Arundhati Niwatkar and Mr. Yuvraj Krishnarao Kanse

M2.1.1570846670	Analysis of Negative-Bias Temperature Instability Utilizing Machine Learning Support Vector Regression For Robust Nanometer Design Mr. Karan Singh and Dr. Shruti Kalra
Session-E2.1: IOT system-I	
Session Chair: Prof. Vivek Kumar Sehgal	
Session Rapporteur: Dr. Prabhakar jha, Session Incharge: Mr. B. Suresh	
E2.1.1570836236	Performance enhancement of PV Solar Powered Bidirectional Communication System Ms. Ruby Beniwal and Ms. K Nisha
E2.1.1570847095	MIMO OFDM Transmission over FSO with Hybrid Multiplexing Mr. Ankur Sood and Dr. Rahul Kaushik
E2.1.1570841759	Ischemic Stroke Prediction with B-LSTM based on ECG Signals M. Anand Kumar, Kamelsh Chandra Purohit, Anshika Gupta, Anshul Ghanshala, Anuj Singh
E2.1.1570843651	Comprising Survey of Steganography & Cryptography: Evaluations, Techniques and Trends in Future Research Mr. Mohit Bansal, Dr. Rajeev Ratan
E2.1.1570845297	Photo-detector Selection in Cascaded Vertical Underwater VLC System Mr. Akshat Jain and Mrs. Rachna Sharma
Technical Session 4	
12:15 -1:30 P.M.	
Session-C2.2: Wireless Communication Systems - II	
Session Chair: Prof. Anil Rose	
Session Rapporteur: Dr. Vineet Khandelwal , Session Incharge: Mr. Vishal N Saxena	
C2.2.1570842375	Compact Dualband Bandstop Filter on Liquid Crystal Polymer Mehul Thakkar, Pravin R. Prajapati and Hitesh Shah
C2.2.1570835663	Impact of Remote Radio Head on 5G Open-RAN Technology Sai Jaswanth Seelam, Samya Andra, Prem Chand Jain
C2.2.1570836243	Analyzing Influential Impact of Online Trends on Social Media Channels Ms. Somya Jain, Mr. Puneet Jaiswal, Mr. Arpit Jain, Dr. Adwitiya Sinha and Ms. Ankita Gupta
C2.2.1570841388	CoviCare: Tracking Covid-19 using PowerBI Dr. Sudhanshu S. Gonge, Dr. Rahul Joshi, Mr. Kunal Chakate, Mrs. Govinda Giri, Mr. Aditya Deshpande and Mr. Yogeshwar Pawade
C2.2.1570841792	Abhigrith: Central Adoption System Dr. Sudhanshu S. Gonge, Mr. Ayush Prasad
Session-S2.2: Advanced Digital Image Processing	
Session Chair: Prof. P.B. Barman	
Session Rapporteur: Dr. Megha Agarwal, Session Incharge: Ms. Jyoti Vyas	
S2.2.1570847840	Human recognition through Gait Audio Dr. Parul Arora
S2.2.1570853707	Underwater Image Enhancement Approaches: A Current Perspective Dr. Kamal Kumar, Dr. Anuj Kumar Jain, Dr. Raj Gaurang Tiwari, Dr. Nitin Jain, Dr. Vinay Gautam and Ms. Neha Ujjwal
S2.2.1570856059	Negation of a Probability Distribution: A Short Comment Ms. Manpreet Kaur and Dr. Amit Srivastava
S2.2.1570824127	Robust Prediction of Copy-Move Forgeries using Dual-Tree Complex Wavelet Transform and Principal Component Analysis Ms. Vaishali Sharma, Dr. Neetu Singh and Dr. Shruti Kalra
S2.2.1570851688	Comparative Study of Optimization of Electron Glass Using Extremal and Quenching Algorithms Mrs. Nidhi Sharma and Dr. Vikas Malik
Session-V2.2: VLSI Circuits and Systems - IV	
Session Chair: Prof. Rajeev Kumar	
Session Rapporteur: Dr. Samriti kalia, Session Incharge: Mrs. Nisha Venkatesh	
V2.2.1570835974	Single DXCCTA Based Charge Controlled Floating Incremental/Decremental Memristor Emulator Navnit Kumar; Manjeet Kumar; Neeta Pandey
V2.2.1570845887	Effect of Materials on the Performance of Multi-Resonant Piezoelectric Energy Harvester Ms. Shradha Saxena, Rakesh Kumar Dwivedi, Vijay Khare
V2.2.1570844484	An Effective Multimodal Biometrics Recognition System using Hybrid Fusion Technique for Efficient Authentication Mrs. Neeru Bala, Dr. Anil Kumar and Dr. Rashmi Gupta
V2.2.1570844933	Low Voltage Schmitt Trigger Full Adders Design for High Noise Immunity Mr. Bhawanand Jha, Mrs. Kirti Gupta and Dr. Rajeshwari Pandey
V2.2.1570848482	Optical Performance of Intended source FDSOI based photodetector Ms. Nitu Rao and Mr. Vimal Kumar Mishra
Session-M2.2: Machine learning for Systems- IV	
Session Chair: Prof. Sandeep Kumar Singh	
Session Rapporteur: Dr. Madhu Jain, Session Incharge: Mr. Shivaji Tyagi	
M2.1570846317	Convolutional Neural Network and Kernel Extreme learning Machine for Face Recognition Ms. Bhawna Ahuja and Dr. Virendra P. Vishwakarma
M2.2.1570853792	Deep Learning Methods for Early Detection of Monkeypox Skin Lesion Mr. Madhukar Dwivedi, Dr. Raj Gaurang Tiwari and Ms. Neha Ujjwal
M2.1570845781	A Study on Machine Learning Algorithms for Lung Cancer Classification and Prediction Ms. Sai Sri Ramya Koppiseti, Mr. Sistla Sri Sai Venkata Chaitanya, Ms. T Sudha Rani and Dr. B.S. Kiruthika Devi
M2.2.1570845294	Deep Learning-Based Channel Estimation in 5G MIMO-OFDM Systems Mrs. M. Meenalakshmi, Dr. Saurabh Chaturvedi and Dr. Vivek K. Dwivedi

M2.2.1570846278	Review Analysis of E-Learning Websites Selection and Ranking Methodologies Mrs. Divya, Dr. Parveen Sehgal and Dr. Aakash Gupta
Session-E2.2:IOT System-II	
Session Chair: Prof. Sharda Vashisth	
Session Rapporteur: Dr. Vivek Dwivedi, Session Incharge: Dr. Vinay Anand Tikkiwal	
E2.2.1570843653	Various Optimization Algorithms for Enhancing Network Lifetime in LEACH Protocol in WSN Ms. Monika Malik, Dr. Alok Joshi and Dr. Gayatri Sakya
E2.2.1570845114	An Effective Approach to Speech-based Email Assistance for Visually Impaired People Ms. Aditi Sharma, Ms. Shivika Sharma, Mr. Visal Ahmed, Ms. Bristi Jana and Ms. Kritika Rani
E2.2.1570844923	Performance Evaluation of Synthetic Aperture Radar Images Ms. Kritika Upadhyay, Dr. Sandeep Kumar, Dr. Manisha Bharti and Mr. Prabhakar Agarwal
E2.2.1570845078	Channel Estimation of 5G New Radio using Convolutional Neural Network Ms. Rajni Gupta and Dr. Juhi Gupta
E2.2.1570842787	Offline Signature Verification Using Gaussian Weighting Based Tangent Angle Mr. Abhijeet Sanjiv Bonde, Mr. Pradeep Narwade and Dr. S V Bonde
1:30 - 2:15 P.M.	LUNCH BREAK
2:15 - 3:15 P.M.	Keynote Talk 5: Prof. Franco Maloberti
3:15 - 3:30 P.M.	Break
3:30 - 4:30 P.M.	Keynote Talk 6: Prof. Ali H.Syed
4:30 - 5:30 P.M.	Break
5:30 - 6:30 P.M.	Keynote Talk 7: Mr. Praveen Kumar
Day 3: Saturday, Dec 03, 2022 (Online Management Incharge: Dr. Akansha Bansal)	
9:30 - 10:30 A.M.	Keynote Talk 8: Sri I. Balakrishna
10:30 - 10:45 A.M.	Break
10:45 - 11:45 A.M.	Technical Session 5
Session-3.1:Young Professionals	
Session Chair: Dr. Basant Kumar	
Session Rapporteur: Mr. Vishal N Saxena, Session Incharge: Dr. Archana Pandey	
YP3.1.1570829858	Easy Mandi - An Agricultural Production Trading Platform for Indian Markets Mr. Safdar Ahmed, Mr. Mahendra Kumar Gurve and Mr. Shubham Shukla
YP3.1.1570845701	LFSR and Counter based watermarking of FSM Mr. Ankur Bhardwaj
YP3.1.1570846155	SRR Inspired Multilayered Antenna for ISM and 5G Medical Applications Sajith K, Jobin Jose, Rithika, Sweetey T J, Arun T R, Rohith K Raj
YP3.1.1570845371	Classification of cancerous lung images by using transfer learning Ms. Parepalli Likhitha Saveri and Dr. Sandeep Kumar
Session-3.1:Women in Engineering	
Session Chair: Dr. Krishna Singh	
Session Rapporteur:Ms. Jyoti Vyas , Session Incharge: Dr. Kuldeep Baderia	
WIE3.1.1570827822	Node embedding approach for topic search from Academic papers Ms. Neha Yadav and Dr. Dhanalekshmi Gopinathan
WIE3.1.1570843949	A comparative study on the Perovskite/Silicon tandem solar cell's module configuration Ms. Shivani Chauhan and Dr. Rachna Singh
WIE3.1.1570844497	Acquisition, processing and applications of EOG Signals Mrs. Smriti Bhatnagar and Ms. Bhawna Gupta
WIE3.1.1570844019	Features, Architecture and Security Issues in 5G and 6G Communication Dr. Divya Singh
Session-3.1: Industrial Application	
Session Chair: Prof. Pradip Kumar Jain	
Session Rapporteur:Ms. Nisha Venkatesh, Session Incharge: Mr. Atul Kumar Srivastava	
IA3.1.1570852421	A Device for Automatic Conversion of Speech to Text and Braille for Visually and Hearing Impaired Persons Ms. Arunima Saxena, Mr. Dharuv Verma, Mr. Jatin Pathak and Mr. Raghvendra Kumar Singh
IA3.1.1570852801	A TDS Prediction System for Hydroponic Vertical Farm Based on ARIMA Model Ms. Gaganjot Kaur, Dr. Prashant Upadhyaya and Dr. Paras Chawla
IA3.1.1570851826	Simulation and Design of a Vehicle Cruise Control System Mr. Ritesh Kumar Sharma
IA3.1.1570806647	Design of an Autonomous UAV for Racing Applications Mr. Nimish Bahl, Ms. Pooja Sahu, Mr. Pranav Sharma, Mr. Pranshu Gautam, Mr. Arshpreet Singh and Ms. Akanksha Srivastava
Session-3.1:Technology for Humanity	
Session Chair: Prof. Shruti Jain	
Session Rapporteur: Dr. Abhishek Kashyap, Session Incharge: Mr. Shivaji Tyagi	
TFH 3.1.1570831750	Gaming for Better Psychological Health: A Solution Based on the FPGA Zynq 7000 Mr. KG Tharun Adhithya and Dr. Shruti Kalra
TFH 3.1.1570852385	A Comprehensive Review of Emerging Technologies for Anemia Detection Mr. Vinit P. Kharkar and Dr. Ajay P. Thakare
TFH 3.1.1570839763	Using Image Processing for Determination of Some Physical Properties of Nano-materials Dr. M A Ashabraway
TFH 3.1.1570851931	COVID-19 Drug Discovery and comparison between generative and predictive approach Mr. Teghdeep Kapoor, Ms. Tanya Pandhi and Prof. Prashant Kaushik
Session-3.1: Low power electronics	
Session Chair: Prof. Manoj Kumar Meshram	

Session Rapporteur: Dr. Vinay Anand Tikkiwal, Session Incharge: Mr. Varun Goel	
LPE3.1.1570846979	Linearly Graded Photonic Crystal with Improved Sensitivity for Sensing Application Mrs. Diptimayee Dash and Dr. Jasmine Saini
LPE3.1.1570844771	Low power optimization of full adder using GNR-FET Technology- A Review Mr. Sanjay Singh, Dr. Pooja Saxena, Dr. Mukesh Kumar Ojha and Mr. Dhiraj Gupta
LPE3.1.1570851320	Negative Capacitance FET For Ultra Low Power Applications: A Review Satyendra Kumar, Km. Sucheta Singh and Kaushal Nigam
LPE3.1.1570855729	Design of Low Power and Area-Efficient Memory cell Ms. Priya Pandey and Dr. Yogendra Kumar Upadhyaya
11:45-12:45 P.M.	Valedictory Session