

**IEEE International Conference on
Computing, Communication, and Intelligent Systems (ICCCIS-2022)
during
04th - 05th November, 2022
at
Sharda School of Engineering and Technology,
Sharda University, Greater Noida, India.
IEEE Conference Record #56430**

Event	Details	Timings
Inaugural Session	<p style="text-align: center;">Chief Guest: Ms. Sunita Verma, Scientist 'G', Microelectronics Development Division, MeitY, India</p> <p style="text-align: center;">Guest of Honor: Mr. Aditya Kumar Sinha, Director, C-DAC Patna, India Dr. Gurjit Singh Walia, Scientist 'F', DRDO, India Mr. Sunil Gaba, Executive Director, EY Global Delivery Services, India Mr. Amulya Sah, Chief Human Resources Officer, Team Computers, India</p>	<p style="text-align: center;">04th November, 2022 at Anand Swaroop Auditorium, Sharda University at 10:30 a.m.</p>
Keynote Session 1	Keynote Session by Mr. Anil Yadav , Senior Chief Engineer, Samsung Research, India	04 th November, 2022
Keynote Session 2	Keynote Session by Ms. Sakshi Malhotra , Technical Program Manager, Amazon Web Services (AWS), India	at Block -3, R.No. 005 at 02:00 pm to 04:00 pm
Keynote Session 3	Keynote Session by Dr. Gurjit Singh Walia , Scientist 'F', DRDO, India	04 th November, 2022

Event	Details	Timings
Keynote Session 4	Keynote Session by Dr. Nikhil , Cadence Design System, India	at Block -3, R.No. 014 at 02:00 pm to 04:00 pm
Keynote Session 5	Keynote Session by Dr. Michael Sheng , Professor, Head of School, School of Computing, Macquarie University Sydney, Australia Zoom Link: https://us04web.zoom.us/j/79832862061?pwd=Sby7U4OSRv8p0EmF8J9NB8Fa9VQ1gV.1 Meeting ID: 798 3286 2061 Passcode: sharda	05 th November, 2022 (Online) 10:00 a.m.
Keynote Session 6	Keynote Session by Dr. Iqbal H. Sarker , Researcher & Faculty, Dept. of Computer Science and Engineering (CSE), Chittagong University of Engineering & Technology (CUET), Bangladesh Zoom Link: https://us04web.zoom.us/j/79832862061?pwd=Sby7U4OSRv8p0EmF8J9NB8Fa9VQ1gV.1 Meeting ID: 798 3286 2061 Passcode: sharda	05 th November, 2022 (Online) 11:30 a.m.
Keynote Session 7	Keynote Session by Dr. Juan Manuel Corchado Rodríguez , Full Professor at the University of Salamanca, The AIR Institute, Spain Zoom Link: https://us04web.zoom.us/j/79832862061?pwd=Sby7U4OSRv8p0EmF8J9NB8Fa9VQ1gV.1 Meeting ID: 798 3286 2061 Passcode: sharda	05 th November, 2022 (Online) 12:30 p.m.
Keynote Session 8	Keynote Session by Dr. Sandeep Shekhawat , Director, Wamart Global Tech, USA Zoom Link:	05 th November, 2022 (Online) 01:00 p.m.

Event	Details	Timings
	https://us04web.zoom.us/j/79832862061?pwd=Sby7U4OSRv8p0EmF8J9NB8Fa9VQ1gV.1 Meeting ID: 798 3286 2061 Passcode: sharda	

Presentation Schedule

S. No.	PID	Details
Session 1.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us04web.zoom.us/j/72711281815?pwd=GYQkfleBrf8GbNNmRMOWi5VuKVpbLW.1 Meeting ID: 727 1128 1815 Passcode: sharda		
1.	55	Communication Induced Checkpointing based Fault Tolerance Mechanism – A Review and CIAC-FTM Framework in IoT Environment <i>Sowjanya Lakshmi A, Vani Priya Ch and Gaurav Gupta</i>
2.	85	The Internet Of Behaviour(IOB) and Its Significant Impact on Digital Marketing <i>Mary Echabuo Afor and Subrata Sahana</i>
3.	90	Current security and privacy issues, and concerns of Internet of Things (IoT) and Cloud Computing: A review <i>Pahalage Dona Thushari</i>
4.	175	Digital Forensics in IoT Enabled Smart Environment: Need of the Hour <i>Deepti Rani, Nasib Singh Gill, Preeti Gulia, Ayushi Chahal and Amit Sagu</i>
5.	210	Comparative Analysis of Machine Learning Algorithms for Securing IoT Enabled Environment <i>Amit Sagu, Nasib Singh Gill, Preeti Gulia, Deepti Rani and Ayushi Chahal</i>
6.	263	A Semantic Review on Challenges, Trends towards Defensive IDS in Internet of Things <i>Neeraj Kumar and Sanjeev Sharma</i>

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7.	352	Design and Performance Analysis of CMOS NCFET Using PZT Ferroelectric Material <i>Vivek Chaubey, Ravi Rastogi, Brijesh Kumar and Arun Kumar</i>
8.	401	Semantic Segmentation in Medical Image Based on Hybrid Dlinknet and Unet <i>Suresh Samudrala and C. Krishna Mohan</i>
Session 2.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us05web.zoom.us/j/82335293802?pwd=ZkpqZ1A3L1dwWThXbINyMkd5UTZxZz09 Meeting ID: 823 3529 3802 Passcode: sharda		
1.	367	Deep Learning-based Secure Machine-to-Machine Communication in Edge-Enabled Industrial IoT <i>Harsh Mankodiya, Nilesh Kumar Jadav, Sudeep Tanwar and Rajesh Gupta</i>
2.	381	Smart Car - One Stop for all Automobile Needs <i>Sanjay S Tippannavar, Rudraswamy S B, Gayathri S, Sudarshan Patil Kulkarni, Thyagaraja Murthy A and Yashwanth S D</i>
3.	472	MQTT equipped Intrusion detection system for IoT devices based Machine Learning Algorithms <i>Priya Sharma, Sanjay Kumar Sarma and Diksha Dani</i>
4.	495	Hybrid Machine Learning based Intrusion Detection System for IoT <i>Kajol Mittal and Payal Khurana Batra</i>
5.	634	Hybrid Cryptography Algorithm for the Internet of Things based Plant Information Security <i>J.S. Prasath, S.K. Afrid and R. Bhagya Sri</i>
6.	638	5G Network: Architecture, Protocols, Challenges and Opportunities <i>Iqra Javid and Sibaram Khara</i>
7.	769	Anomaly Detection framework for efficient sensing in healthcare IoT systems <i>Sampath Kumar Y R and Champa H N</i>
8.	794	Fiber Bragg grating temperature sensor and calibration scheme in high magnetic field environment <i>Narayan Nayak, Bright Keswani, Dipak Ranjan Nayak, Pramod Sharma, Ambarish G. Mohapatra and Ashish Khanna</i>

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Session 3.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us05web.zoom.us/j/82272448303?pwd=emxKVTUyU2o3My9sa1JRUEtfcHEyZz09 Meeting ID: 822 7244 8303 Passcode: sharda		
1.	292	Federated Learning with Blockchain: A Study of Latest Decentralized Couple <i>Arman Rasool Faridi, Aiman Hafeez and Faraz Masood</i>
2.	411	An Enhanced Copy-deterrence scheme for Secure Image Outsourcing in Cloud <i>Anju J. and Shreelekshmi R.</i>
3.	416	Decentralized Data Privacy Protection and Cloud Auditing Security Management <i>M.Mageshwari and R. Naresh</i>
4.	592	Land Registry and Title Management using Blockchain and Smart Contracts <i>Sneha Raina and Swaroop Kaur</i>
5.	622	Load Balanced Web Server on AWS Cloud <i>Rajmani Bundela, Namrata Dhanda andRajat Verma</i>
6.	667	Breast Cancer Modeling and Prediction Combining Machine Learning and Artificial Neural Network Approaches <i>Chhaya Dubey, Nidhi Shukla, Dharmendra Kumar, Ashutosh Kumar Singh andVijay Kumar Dwivedi</i>
7.	668	Confluence of Artificial Intelligence andBlockchain Powered Smart Contract in Finance System <i>Chhaya Dubey, Dharmendra Kumar, Ashutosh Kumar Singh and Vijay Kumar Dwivedi</i>
Session 4.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us05web.zoom.us/j/89541538916?pwd=RU83QVA1ODI6RzF0c1ZVSvhEUjIRUT09 Meeting ID: 895 4153 8916 Passcode: sharda		

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1.	18	Assessment of Blood Donor Information Using Kernel Density Maps: A Case Study at Gangtok District, Sikkim and Modeling of A Web Application <i>Madhab Nirola, Mousumi Gupta and Arpan Sharma</i>
2.	194	Malicious DNS Detection and Prediction Using SMOTE-ENN and Hybrid Artificial Neural Network <i>Uday Jain, Yashaswat Srivastava, Amisha Malik, Dhruv Dhingra, Archit Kumar and Preeti Nagrath</i>
3.	213	Detection and Prediction of Air Pollution using Machine Learning and Deep Learning Techniques <i>Madhuri Vikas Mane, Deepak Kumar and Kamal Agarwal</i>
4.	219	Clustering over Searchable Encrypted Data in Cloud Storage <i>Akash Pandey and K. V. Kadambari</i>
5.	236	Boosting Accuracy of Fake Review Prediction Using Synthetic Minority Oversampling Technique <i>Bhawna Saxena, Shruti Goyal, Anjali Kumari and Anushka Agarwal</i>
6.	319	An Ensemble Learning-Based Model for Effective Chronic Kidney Disease Prediction <i>Sweety Kumari and Sunil Kumar Singh</i>
7.	628	A Secure Biometric Template Protection Mechanism Against Similarity-based Attack <i>Yazhou Wang, Bing Li, Jiaxin Wu, Qianya Ma, Guozhu Liu and Yuqi Li</i>
8.	662	Anonymity-Enabled Mix Network: Owing to Techniques and Proof of correctness <i>Fayaz Naikoo, Khaleel Ahmad and Khairol Amali Bin Ahmad</i>
<p>Session 5.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Online) Zoom Link: https://us06web.zoom.us/j/88264674910?pwd=aGRNWHdlRXZZemhDRTBrUGh5eVBFZz09 Meeting ID: 882 6467 4910 Passcode: sharda</p>		
1.	163	FPGA Implementation of Radix-4 Modular Montgomery Multiplier over Prime Fields <i>Bhanu Panjwani, Mohanchur Sarkar and Deval C. Mehta</i>

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2.	462	Ensemble Learning on a Weak Correlated Android Malware data using Stratified K-Fold <i>Pradeepkumar Duraisamy Soundrapandian and Geetha S</i>
3.	491	Detection of Covid-19 using Transfer Learning Technique <i>Nilesh Kumar, Atul Tripathi and Isha Pathak Tripathi</i>
4.	532	Five layered Ensembled Deep Fully Connected Neural Network based Brain Stroke Prediction <i>Carmel Mary Belinda M J, M. Shyamala Devi, J. Arun Pandian, Revanth Kaashyap Adurti and Uday Kocherla</i>
5.	542	A survey on Divergent Classification of Social Media Networking <i>V. Geetha and N. Sujatha</i>
6.	557	An Efficient Particle Swarm Optimization with Fusion of Figurate Opposition-based learning and Grey Wolf Optimizer <i>Tejna Khosla and Om Prakash Verma</i>
7.	574	Enhanced Movie Recommendation and Sentiment Analysis Model Achieved by Similarity Method through Cosine and Jaccard Similarity algorithms <i>Ulligaddala Srinivasarao, Karthikeyan R, Prakash Kumar Sarangi and Bhawani Sankar Panigrahi</i>
8.	588	Big Five Personality Estimation from Handwritten Documents <i>Mishra Pradeep Kumar, Abidi Ali Imam and Mishra Gouri Shankar</i>
9.	602	Application of Machine Learning Techniques in Slope Failure Analysis <i>Shatrujit Biswal, M S Chelva, Simanchal Sahoo, Sameer Kumar Das, Sudeep Ranjan Sethi, Arun Kumar Sahoo, Sameer Panda and Jitendra Pramanik</i>
Session 6.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Offline) Venue: Block 3, 006A, Ground Floor		
1.	245	Detailed Implementation of Hardware-In-the-Loop Validation of an Advanced Energy Management Controller for Power-Split HEVs <i>Atriya Biswas, Sumedh Dhale, Samuel Khzym and Ali Emadi</i>
2.	253	Understanding Fusion of Internet of Vehicles with Blockchain <i>Arman Rasool Faridi, Rahul Singh and Faraz Masood</i>

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3.	288	Deep Learning-Based Video Action Recognition: A Review <i>Mohd Hanief Wani and Arman Rasool Faridi</i>
4.	292	Federated Learning with Blockchain: A Study of Latest Decentralized Couple <i>Arman Rasool Faridi, Aiman Hafeez and Faraz Masood</i>
5.	361	Deep Learning-based Time Series Models for GDP and ICT Growth Prediction in India <i>Surbhi Kumari and Sunil Kumar Singh</i>
6.	441	Effect of Computer and Internet Self-Efficacy on Students' Acceptance of E-Learning: Analysis of TAM Model Using PLS SEM Approach <i>Jyoti Chahal</i>
7.	452	Machine Learning-Based Gait Characterization Using Single IMU Sensor <i>Amit Bhomgade, Rohit Gupta and Tapan Kumar Gandhi</i>
8.	461	Beam Hopping Technique For Indian Data Traffic <i>Pasala Bharath Kumar Reddy, Gottimukula Praveen Reddy, Farhana Tabassum, Yogesh Kumar Bhawsar, Imteyaz Ahmad and Jasvinder Singh Khoral</i>
Session 7.1 # 04th November, 2022, 02:00 p.m. to 04:00 pm (Offline) Venue: Block 3, 006B, Ground Floor		
1.	633	A Novel Technique for Locating Faults Using Fuzzy Logic in HVDC Lines <i>Aleena Swetapadma and Tejashwi Shubham</i>
2.	647	Determination of Resonance Frequency of Air Column for the Measurement of Pressure using Pressure Transducers <i>Mohd Esa, Samvirt Ji Kanwar, Ashish Kumar Nanda and Padma Lochan Bora</i>
3.	720	Circuit realization of chaotic systems with quadratic nonlinearity using AD633 based generic topology <i>Kriti Suneja, Neeta Pandey and Rajeshwari Pandey</i>
4.	727	An Investigation on Customer Satisfaction and Service Quality in the Indian Banking Sector: A Gender Comparison <i>Deepa Chauhan, Mridul Dharwal, Aarti Sharma, Anup Kumar Srivastava and Subrata Sahana</i>

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5.	728	A study on effects of Innovation and Technology on Service Excellence:In context to Indian Banking Sector <i>Deepa Chauhan, Mridul Dharwal, Aarti Sharma , Anup Kumar Srivastava and Subrata Sahana</i>
6.	760	Analysis of Brain Disorder Neuroimages by Feature Extraction <i>Kulkarni Sheetal Vijay and S. Poornapushpakala</i>
7.	824	Malware detection in Android devices Using Machine Learning <i>Innocent Barnet Mijoya, Shiraz Khurana and Nishant Gupta</i>
<p>Session 1.2 # 05th November, 2022, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us04web.zoom.us/j/72711281815?pwd=GYQkfleBrf8GbNNmRMOWi5VuKVpbLW.1 Meeting ID: 727 1128 1815 Passcode: sharda</p>		
1.	629	Eight Convolutional Layered Deep Convolutional Neural Network based Banana Leaf Disease Prediction <i>M. Shyamala Devi,J. Arun Pandian, Shaik Rusum Yaseen, Baddela Vamshikrishna and Paladugu Venkata Rao</i>
2.	687	Alstonia Tree Detection using CNN and Inception V3 Algorithms <i>Mamatha Balipaand Ashton Castalino</i>
3.	690	Suicidal Intention Detection in Tweets UsingBERT-Based Transformers <i>Gayathri Ananthkrishnan, Ashok Kumar Jayaraman, Tina Esther Trueman, Satanik Mitra, Abinesh A Kand Abirami Murugappan</i>
4.	714	Sinusoidally Modulated Substrate Integrated Folded Waveguide as a Filter for Multiband Applications <i>Sudarshan Kumarand Asok De</i>
5.	747	COVID-19 diagnosis in CXR Images using Deep Transfer Learning Approach <i>Mohammed Sidheeqe, P. Sumathy and Abdul Gafur. M</i>
6.	782	Dimensionality Reduction Algorithms for ScalableMonitoring of Virtual Machines <i>Sanil Arun Chawla and Jothi KR</i>

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7.	804	Genetic Algorithm Based Optimization in Solving Multi Robot Task Allocation Problems <i>Rohini M., Manohari B. and Adhithyan S</i>
8.	815	A Comparative Analysis on Variants of LEACH based routing protocols for prolonging network lifetime: Survey <i>Amar Jukuntla and Venkatesulu Dondeti</i>
Session 2.2 # 05th November, 2022, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us05web.zoom.us/j/82335293802?pwd=ZkpqZlA3L1dwWThXblNyMkd5UTZxZz09 Meeting ID: 823 3529 3802 Passcode: sharda		
1.	366	A Hybrid Power Generation System Utilizing Solar and Wind Energy on Highways <i>Udit Mittal, Swapnil Verma, Ajay Kumar, Sumit Singh, Gunjan Varshney and Abhilasha Pawar</i>
2.	751	Auto-detection of Optic Disc in Retinal Image using Transfer Learning Technique <i>Raturaj Godse and Deepali Godse</i>
3.	347	Comparative analysis of low power leakage techniques implemented in different CMOS VLSI Circuits <i>K.Annamma, Sobhit Saxena and Govind Singh Patel</i>
4.	501	UV-C Disinfection Smart Device <i>K. Jaya Krishna Sai, P. Nikhila, CH. Greeshma Ahalya, K.Rishitha Chowdary, Radha Abburi and Sibendu Samanta</i>
5.	606	A Comprehensive Analysis on Issues and Challenges of Wireless Sensor Network Communication in Commercial Applications <i>Subhra Prosun Paul and D.Vetrithangam</i>
6.	657	Performance Analysis of cell phone Towers Radiation <i>Chetan Sambhajirao More and Navnath Tatyaba Markad</i>
7.	754	Hyperspectral Image Segmentation, FeatureReduction and Clustering using k-means <i>Hitenkumar Motiyani, Prashant Kumar Mali and Anand Mehta</i>

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8.	480	Protein Structural Prediction based on hybridization of PSOFFA and CNNBILSTM <i>Sarneet Kaur, Jaskiranjit Kaur, Ashok Sharma and Rajvir Kaur</i>
Session 3.2 # 05th November, 2022, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us05web.zoom.us/j/82272448303?pwd=emxKVTUyU2o3My9sa1JRUEtfcHEyZz09 Meeting ID: 822 7244 8303 Passcode: sharda		
1.	35	Classical Approaches for Mobile Robot Path Planning: A Review <i>Rajat Agrawal, Bharat Singh and Rajesh Kumar</i>
2.	94	Survey on Smart Home Automation Systems: Tools, Technology, Architecture and Communication Interfaces <i>Kavita Sharma and S. R. N. Reddy</i>
3.	123	Theoretical Development based Nature-Inspired Optimization Algorithms: Applications and Challenges <i>Prerna Sharma and Kapil Sharma</i>
4.	241	Blockchain Technology in Construction Supply Chain Management During Pandemic: A Bibliometric Analysis and Systematic Literature Review <i>Rohan Sawan, Deepa A. Joshi and Radhika Menon</i>
5.	256	Knowledge Base Entity Lookup using Named Entity Recognition: a Case Study on YAGO <i>Aatif Ahmad Khan and Sanjay Kumar Malik</i>
6.	290	Machine Learning-based Multilabel Toxic Comment Classification <i>Nitin Kumar Singh and Satish Chand</i>
7.	368	EmReSys: AI-based Efficient Employee Ranking and Recommender System for Organizations <i>Dhairya Jadav, Dev Patel, Somya Thacker, Anuja Nair, Rajesh Gupta, Nilesh Kumar Jadav and Sudeep Tanwar</i>
8.	821	Design analysis of shell and tube heat exchanger on different orientations of tubes <i>Nikash Bharti and Jitendra Nath Mahto</i>

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Session 4.2 # 05th November, 2022, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us05web.zoom.us/j/89541538916?pwd=RU83QVA1ODI6RzF0c1ZVSVhEUjRUT09 Meeting ID: 895 4153 8916 Passcode: sharda		
1.	305	Character Recognition of Vedic Sanskrit using Deep Learning Algorithms <i>Mrinal Pandey, Rashmikiran Pandey and Alexey Nazarov</i>
2.	419	Cloud Infrastructure Self Service Delivery System using Infrastructure as Code <i>Ankita Dalvi</i>
3.	486	Automated Indian Sign Language Recognition System Using LSTM models <i>Kunal Sharma, Kunwar Abhayjeet Aaryan, Urvashi Dhangar, Richa Sharma and Shweta Taneja</i>
4.	502	Design And Implementation of Smart Helmet Based on IoT for Road Accident Detection <i>Maganti Sree Ram, Nunna Surya Katam Raju, Doddapaneni Sri Charan, Gamini Venkata Suraj, Radha Abburi and Sibendu Samanta</i>
5.	516	Machine Learning based Smart Crop Recommender and Yield Predictor <i>Sonam Chhikara and Nidhi Kundu</i>
6.	635	I-ERP Intelligent System Modelling and Interfacing Excel with SAP HANA <i>Nidhi Jain, Dr Teena Bagga and Dr Anuj Tripathi</i>
7.	689	A Blockchain Supported Model for Secure Exchange of Land Ownership: An Innovative Approach <i>Sumit Kumar Rana, Sanjeev Kumar Rana, Arun Kumar Rana and Sardar M. N. Islam</i>
Session 5.2 # 05th November, 2022, 09:30 a.m. to 11:00 a.m. (Online) Zoom Link: https://us06web.zoom.us/j/88264674910?pwd=aGRNWHdlRXZZemhDRTBrUGh5eVBFZz09 Meeting ID: 882 6467 4910 Passcode: sharda		
1.	173	Analysis on Various Clamping Models of Square Shaped Diaphragm in Capacitive Pressure Sensor for Intra Ocular Pressures

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		<i>Kavitha Jagabathuni and Swapna Peravali</i>
2.	185	Design and Simulation Analysis of Different Diaphragm Shapes for Piezoresistive Pressure Sensor <i>U. Jayaram and P. Swapna</i>
3.	706	Speed Performance Improvement of DC Motor using Fuzzy Based MPPT fed from Solar System <i>Sandeep Bishla and Ashwani Kumar</i>
4.	711	Recovery of Spent Stage of Reusable Launch Vehicle on a Droneship <i>Sithara S. S. and Shenil. P. S</i>
5.	767	A review on dynamic load balancing algorithms <i>Shalu Rani, Dharminder Kumar and Sakshi Dhingra</i>
6.	771	Deep Learning based Methods for Cyberbullying Detection on Social Media <i>Nitin Kumar Singh, Pardeep Singh and Satish Chand</i>
7.	808	A study of deep learning techniques on oilseed crops <i>Sweety Sehgal and Apash Roy</i>
8.	836	Building Extraction from High-Resolution Satellite Images using 2D-Attention Mechanism with Deep Learning <i>Mayank Dixit, Kuldeep Chaurasia and Vipul Kumar Mishra</i>
Session 1.3 # 05th November, 2022, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us04web.zoom.us/j/72711281815?pwd=GYQkfleBrf8GbNNmRMOWi5VuKVpbLW.1		
Meeting ID: 727 1128 1815 Passcode: sharda		
1.	174	Deep Learning Methods for Super Resolution of Video <i>Rozen Berg D, Tharunraj M and Eliza Femi Sherley S</i>
2.	211	Low complexity 16-point DCT approximation for image compression <i>Vimal P. Singh Thoudam, Tana Sera, Xi Chaow Xi Marak, M. Saddam and Rebecca Lalparma wii</i>

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3.	222	Analyzing the Users' De-familiarity with Thumbnails on OTT Platforms to Influence Content Streaming <i>Garima Sahu, Loveleen Gaur and Gurmeet Singh</i>
4.	304	Ultra-low power dB linear variable gain amplifier with minimalistic Noise using Adaptive biasing <i>Shikha Soni, Vandana Niranjana and Ashwini Kumar</i>
5.	474	Dual Image Watermarking using Hessenberg decomposition and RDWT-DCT-SVD in YCbCr color space <i>Divyanshu Awasthi and Vinay Kumar Srivastava</i>
6.	493	Attention-based Residual Network for Single Image Remote Sensing Super-resolution <i>Trishna Barman and Bhabesh Deka</i>
7.	599	Content-Based Image Retrieval: Feature Extraction Techniques and Similarity Metrics <i>Madhu and Raman Kumar</i>
8.	646	A Chaotic Encrypted Reliable Image Watermarking Scheme based on Integer Wavelet Transform-Schur Transform and Singular Value Decomposition <i>Anurag Tiwari and Vinay Kumar Srivastava</i>
<p>Session 2.3 # 05th November, 2022, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/82335293802?pwd=ZkpqZ1A3L1dwWThXbINyMkd5UTZxZz09 Meeting ID: 823 3529 3802 Passcode: sharda</p>		
1.	36	Using CoordConv for Tabular Data Detection and Structure Recognition <i>Apoorva Ambulgekar, Naman Lad, Krunal Doshi and Pranit Bari</i>
2.	61	Analysis of ensemble classifiers for bank churn prediction <i>Ankita Bansal, Sarbjot Singh, Yashonam Jain and Ayush Verma</i>
3.	115	Brain Tumor Detection Using U-Net and 3D CNN Architecture <i>Anshul Ghanshala, Aakarshan Chauhan, Manoj Diwakar and Sachin Sharma</i>

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4.	116	Predicting Crop on the basis of Climatic Parameters using Machine Learning Approaches <i>Harendra Singh Negi, Sushil Chandra Dimri, Bhawnesh Kumar and Dinesh C. Dobhal</i>
5.	125	An Effective Phishing Site Prediction using Machine Learning <i>Aman Raj Pandey, Tushar Sharma, Subarna Basnet, Ankesh Kumar and Dr. Sonia Setia</i>
6.	764	Video-based Salient Object Detection: A Survey <i>Vivek Kumar Singh, Parma Nand, Pankaj Sharma and Preeti Kaushik</i>
7.	799	Automated Breast Tumor Detection Using MRI Images <i>Mosammat Israt Jahan, T M Shahriar Sazzad and Leisa Armstrong</i>
<p>Session 3.3 # 05th November, 2022, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/82272448303?pwd=emxKVTUyU2o3My9sa1JRUEtfcHEyZz09 Meeting ID: 822 7244 8303 Passcode: sharda</p>		
1.	136	Detection of Depression from IoMT Time Series Data using UMAP features <i>Muzafar Mehraj Misgar and M.P.S Bhatia</i>
2.	152	Analyzing fashion trends using CNN and Cloth classification with respect to season and state <i>Priyanka Jagannath Nandyal, Dr. Shubhangi DC, Dr. Baswaraj Gadgay and Dr. M.A Waheed</i>
3.	197	Bharatnatyam Pose and Mudra Recognition Using MediaPipe and Deep Features <i>Vadlamanati Krishna Chaitanya, Mahimanjali Lolla, Ayush Barik, Veeresh Kondapaneni and Sikha O K</i>
4.	199	Hate Speech Detection in Hindi language using BERT and Convolution Neural Network <i>Shubham Shukla, Sushama Nagpal and Sangeeta Sabharwal</i>
5.	200	A Novel Fuzzy Graph Connectivity Measure to Perform Word Sense Disambiguation Using FuzzyHindi WordNet <i>Anshi Srivastav, Devendra Kumar Tayal and Nidhi Agarwal</i>
6.	207	Zero Day Threat Detection Using Graph and FlowBased Security Telemetry

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		<i>Christopher Redino, Dhruv Nandakumar, Robert Schiller, Kevin Choi, Abdul Rahman, Edward Bowen, Aaron Shaha, Joe Nehila and Matthew Weeks</i>
7.	228	Risk factor prediction in automobile with missing values using machine learning algorithm <i>Bhushan Dua, Sabhya Mahajan, Sarbjeet Singh Randhawa, Rohit Bajaj, Lokesh Pawar and Inderjeet Singh</i>
8.	238	State wise Indian Food Recognition And Classification Using CNN And MobileNetV2 <i>Shugufta Jabeen, Shubhangi DC, Baswaraj Gadgay and M.A Waheed</i>
<p>Session 4.3 # 05th November, 2022, 11:30 a.m. to 01:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/89541538916?pwd=RU83QVA1ODI6RzF0c1ZVSVhEUjlRUT09 Meeting ID: 895 4153 8916 Passcode: sharda</p>		
1.	242	Classification of Fruit Plants Leaf and Comparative Analysis of Machine Learning and Deep Learning Algorithms <i>Aaryan Kumar Hrithik and Vipin Kumar</i>
2.	257	A Neural Network Approach For Malware Classification <i>Ketan Gupta, Nasmin Jiwani, Md Haris Uddin Sharif, Ripon Datta and Neda Afreen</i>
3.	259	Comparative Study on Various Architectures of Yolo Models used in Object Recognition <i>Dr Baranidharan Balakrishnan, Rashmi Chelliah, Madhumitha Venkatesan and Chetan Sah</i>
4.	302	Virtual Reality based test batteries for evaluating Trust and Reliability in Human Machine teams <i>Aakriti Prasad, Rahul Agnihotri and Gunjan Ansari</i>
5.	327	Deep learning based Rice plant Disease Identification with Transfer learning <i>Sherin Shibi C, Jency Rubia J, Babitha Lincy R and Paul T Sheeba</i>
6.	330	Drone Assisted Forest Structural Classification of Kejimkujik National Park using Deep Learning <i>Sutirtha Roy, Sarosij Bose, Karen Harper, Vaibhav Jaiswal and Manu Bansal</i>
7.	331	Classification of Melanocytic Nevus Images using Big Transfer (BiT)

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		<i>Sanya Sinha and Nilay Gupta</i>
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1.	438	LSTM based Receiver Design for Baseband Signal Demodulation <i>Varsha P S and Hari V S</i>
2.	465	Deep-Learning and Spatio-Temporal Incremental Clustering based Human Detection and Tracking <i>Monika, Pardeep Singh and Satish Chand</i>
3.	469	Detection of Microaneurysms Using Gabor Walsh-Hadamard Transform and Deep Autoencoder <i>S. Steffi and W. R. Sam Emmanuel</i>
4.	487	Autoencoder Feature Based Kinship Verification using Machine Learning Classifiers <i>D. Jeyashaju and Y. Jacob Vetha Raj</i>
5.	489	Deep Attentive Skip Connection Model and Gaussian Priors based Visual Saliency Prediction <i>S. Caroline and Y. Jacob Vetha Raj</i>
6.	494	Automated Estimation of Fault Locations in Bipolar HVDC Systems Employing Artificial Neural Networks <i>Sudhir Singh and Pradeepti Lakra</i>
7.	777	A Novel Approach for Enhancing QoS for Visualization of High Dynamic Range Imaging <i>Khursheed Ahmad Dar and Sumit Mittal</i>
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1.	510	Driver's Companion- Drowsiness Detection and Emotion Based Music Recommendation System <i>Mridu Pant, Shreel Trivedi, Samiksha Aggarwa, Ritu Rani, Amita Dev and Poonam Bansal</i>
2.	538	A Review of Healthcare Recommendation Systems Using Several Categories of Filtering and Machine Learning-Based Methods <i>Pardeep Kumar and Ankit Kumar</i>
3.	547	Deep Learning based Breast Cancer Classification on Thermogram <i>Ankur Kumar Aggarwal, Alpana and Mrinal Pandey</i>
4.	553	Deep Learning Methods For COVID-19 Mitigation: Applications, Challenges and Future Implications <i>Siddhant Bikram Shah, Aashish Bhandari and Prashant Giridhar Shambharkar</i>
5.	561	Machine Learning Based Approach for Breast Cancer Detection <i>Harshita Suresh Hegde and Ashwini Kodipalli</i>
6.	637	Computer-aided Breast Cancer Diagnosis using Deep Convolutional Neural Networks <i>Anushka Singhanian, Anu Narera, Ritu Rani, Amita Dev, Poonam Bansal and Arun Sharma</i>
7.	661	Deep Inception Based Convolutional Neural Network Model For Facial Key-Points Detection <i>Pulkit Dwivedi and Bhagwati Sharan</i>
<p>Session 2.4 # 05th November, 2022, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/82335293802?pwd=ZkpqZlA3L1dwWThXblNyMkd5UTZxZz09</p> <p>Meeting ID: 823 3529 3802 Passcode: sharda</p>		
1.	672	Customized Point Generation for Text Summarization <i>Devendra Kumar Tayal, Amita Jain, Kirti and HunnyGaur</i>
2.	673	Exploring Multiple Deep learning Models for SkinCancer Classification <i>Ajay Krishan Gairola, Vidit Kumar and Ashok Kumar Sahoo</i>

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3.	682	Analyzing Sentiment Towards a Product using DistilBERT and LSTM <i>Vishal Pramanik and Maisha Maliha</i>
4.	708	Recognition of Indian Sign Language using Handgeometry and Neural Network <i>Akansha Tyagi and Sandhya Bansal</i>
5.	709	Breast Cancer Prediction using Ensemble Technique <i>Sheilla Ann B. Pacheco</i>
6.	735	A Novel Text Resemblance Index Method for Reference-based Fact-checking <i>Yashoda Barve and Jatinderkumar R. Saini</i>
7.	746	Towards Smart Agriculture using Machine Learning Algorithms <i>Atla Devikarani, Gumpena Veera Durga Jyothi, J.Divya Lalitha Sri and B. S. Kiruthika Devi</i>
<p>Session 3.4 # 05th November, 2022, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/82272448303?pwd=emxKVTUyU2o3My9sa1JRUEtlcHEyZz09 Meeting ID: 822 7244 8303 Passcode: sharda</p>		
1.	757	Technical Ameliorations in Automatic License Plate Number Recognition System: A Survey <i>Merajul Aarfeen, Paranjot Singh, Huzaif Mushtaq and Keshav Gupta</i>
2.	773	A Review of Recent Advances in Classification and Prediction of Brain Tumor using Deep Learning <i>D L Kavya Reddy, Abhayendra Nagar, D R Soumya and Abha Kiran Rajpoot</i>
3.	781	A Review on Iris Recognition System using Machine and Deep Learning <i>Vaibhav Panwar and Pooja</i>
4.	786	RNet-SGDG: An Improved Anti-Spoofing Time Efficient Framework for Face Recognition Using Deep Learning <i>Shilpa Garg, Dr Sumit Mittal and Dr Pradeep Kamar</i>
5.	791	Novel Approach to classify different Beverages using Back Propagation Algorithm <i>Shikha Srivastava and Roopam Srivastava</i>

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6.	802	Sarcasm Identification in text with deep learning models and Glove word embedding <i>Ganesh Chandrasekaran, D. Jude Hemanth and M. Saravanan</i>
7.	814	An Approach to Criminal Suspect Prediction Software using Machine Learning Classifiers <i>Ashima Arya, Mitu Sehgal, Neha Bhatia, Nitisha Aggarwal and Shiraz Khurana</i>
8.	816	A Review On Deep Learning Techniques For Image Forgery Detection <i>Ashutosh Pandey, Pritee Parwekar and Ashish Kumar Chakraverti</i>
<p>Session 4.4 # 05th November, 2022, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us05web.zoom.us/j/89541538916?pwd=RU83QVA1ODI6RzF0c1ZVSUhEUjIRUT09 Meeting ID: 895 4153 8916 Passcode: sharda</p>		
1.	50	Study of Tunnel Field Effect Transistors for Biosensing Applications: A Review <i>Km. Sucheta Singh, Pallavi Gupta, Manisha Rajoriya, Nishi Kumari and Amrit Muskan</i>
2.	225	DG Placement in Distribution System for Voltage Profile Enhancement and Loss Reduction by Reactive Power Loss Minimization <i>Vani Bhargava and S. K. Sinha</i>
3.	240	Automatic Book Page Flipper for Disabled People <i>Akash Mohi Ud Din, Pankhuri Kaushik, Muneeb Wali and Ashish Sharma</i>
4.	244	Action recognition based on temporal skeleton analysis: a new method for IoT scenarios <i>Wenshan Huang, Boxin Wan, Qingyun Xiong and Junqi Guo</i>
5.	291	Battery Swapping System for the Electric Vehicles <i>Rohan Pradhan, Shaswat Saxena, Akarsh Kumar Singh and Jabir Ali</i>
6.	576	Long-term comparison of near-surface and columnar aerosols over two contrasting environments in peninsular India <i>A. Ajay, N. Anand, K. Sunil Kumar, S.K. Satheesh, K. Krishna Moorthy and G. Ilavazhagan</i>

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7.	701	Sustainable Supply Chain Management: Research Review and Its Future <i>Sheetal Soni and Usha Yadav</i>
8.	818	Identification and Classification of Brain Tumor from MRI using Transfer Learning Approach <i>O. Roopa Devi, C. Shoba Bindu and E. Sudheer Kumar</i>
Session 5.4 # 05th November, 2022, 02:00 p.m. to 04:00 p.m. (Online) Zoom Link: https://us06web.zoom.us/j/88264674910?pwd=aGRNWHdlRXZZemhDRTBrUGh5eVBFZz09 Meeting ID: 882 6467 4910 Passcode: sharda		
1.	40	Rogue Access Point: The WLAN Threat <i>Kashyap C. Patel and Ajaykumar Patel</i>
2.	283	Secured Authentication by Single Sign On (SSO): A Big Picture <i>Naim Shaikh, Kishori Kasat and Smita Jadhav</i>
3.	322	GIS based Urban Water Distribution Network Analysis: A Case Study in Kochi, India <i>Nibi K V, Nitin Kumar M and Shyju P. Thadathil</i>
4.	363	Conventional and next generation firewalls in network security and its applications <i>Anaa Makhdoomi, Naila Jan, Palak and Nidhi Goel</i>
5.	433	Accident Factors Detection and Prediction for Indian states and district roads <i>Jagadamba G, Chayashree G, A.V. Senthil Kumar and Purohit</i>
6.	492	Defending ARP Spoofing-based MitM Attack using Machine Learning and Device Profiling <i>Arvind Prasad and Shalini Chandra</i>
7.	506	Holistic Smart Cities Viewed Through the Lens of Performance Evaluation Schemes <i>Charul Sharma, Sanjay Kumar Sharma and Dharmendra Gill</i>
9.	608	Privacy-Preserving Blockchain-based User Authentication with Device Group Authorization for Mobile Edge Computing

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		<i>Yan Zhang, Bing Li, Guozhu Liu and Yuqi Li</i>
8.	669	IoT-Based Solar Monitor System <i>Burhan U Din Abdullah and Suman Lata</i>