	CVMI Session Schedule		
Session	Paper ID	Title	
Session 1 (Data Analytics-1)	12	Improving Stock Market Forecasting using Advanced Time Series Analysis Techniques	
	43	Polarity Prediction using Automatic Semantic Analysis on User Comments	
	50	A Time Series Based Approach for Forecasting Medical Stores Inventory	
	162	Enhancing Text-To-Video Generation	
	117 119	Code-Mixed and Code-Switching on Social Media Text: A Brief Survey	
		An Efficient Correlated Gamma wave-based lightweight model for Schizophrenia detection	
	146 160	Does ChatGPT spell the end of Automatic Question Generation research? Fuzzy Inference-based Models for Extractive Text Summarization	
Session 2	33	SentiNet : Empowering Robust Loan Default Prediction through Ensemble Modelling	
(Data Analytics-2)	147	From Disparity to Fairness: Analyzing Challenges and Solutions in Al Systems for Disabled Individuals	
	148	GeometricSMOTE-enhanced Deep Gaussian Mixture Models for Imbalanced Data Classification	
	137	Machine Translation Techniques using AI: A Review	
Session 3 (Information Security)	62	Presentation Attack detection for sclera biometric applications	
	101	The Art Of Deception: Novel Graphical User Authentication Scheme Using Illusion Images	
	104	Optimizing identification time in fingerprint recognition using Cuckoo filter	
	106	MLSD-GAN - Generating Strong and High Quality Face Morphing Attacks using Latent Semantic Disentanglement	
	120	A Review on Anti-Spoofing : Face Manipulation and Liveness Detection	
	125	SCLERA VESSEL ANALYSIS FOR BIOMETRIC SYSTEM ON REAL TIME SECURITY APPLICATION	
	124	HYBRID CONVOLUTIONAL NEURAL NETWORKS TO CREATE AN ATTACK DETECTION FRAMEWORK FOR A	
	143	WIRELESS SENSOR NETWORK BASED HEALTH CARE APPLICATION	
Session 4 (IoT and Communication)	143	Enhancing Patient Care and Monitoring through AI and IoT in Healthcare IoT Empowered AI: Transforming Object Recognition and NLP Summarization with Generative AI	
	82	Empowering Smart Cities: A Comprehensive Edge Computing Framework for Enhanced IoT Situation Awareness	
		Intelligent mobile channel estimation and Inter Carrier Interference Cancelation for 5G services in Indian in	
	100	Shinkansen "Bullet Train"	
	47	WHY BIG DATA AND DATA ANALYTICS FOR SMART CITY	
	142	V2V and V2I Communication Using CAM Protocol in V2X Environments	
	102	Scalability in Autoencoder-based OFDM Communication System	
	111	Intelligent Constellation Generation based on Autoencoder Communication System	
Session 5 (Machine Intelligence-1)	16	Traffic Sign Detection and Classification	
	42	A Hybrid Approach Of Differential Evolution And Multistage LSTM For Diagnosis Of Psychiatric Disorder Using EEG	
	63	Al-based Model for Detection and Classification of Alzheimer disease	
	65	Glaucoma Classification Using Deep Learning and Image Processing	
	85 94	Rice Impact Illness Acknowledgment Employing a Profound Convolutional Neural Arrange	
	94	Machine Learning for Fault Detection in DC Motors and the Role of Mounting Configurations Enhancing emotion classification through speech and correlated emotional sounds via a variational auto-encoder	
	107	model with prosodic regularisation	
	131	Identifying Occurrences of Abnormal and Drunk Driving Using Smartphones	
Session 6 (Machine Intelligence-2)	134	Currency Detection Application For Visually Impaired Using CNN	
	135	Accuracy assessment of a hand-held PPG based ECG acquisition device using 2-D CNN	
	141	An Emerging Fire Detection System based on Convolutional Neural Network and Aerial-Based Forest Fire Identification	
	144	Unveiling Image Classifiers: An In Depth Comparative Exploration of Machine Learning Algorithms	
	155	BLACKGRAM LEAVES DISEASE DETECTION	
		Image Captioning with Reinforcement Learning	
	157	Driver's Facial Expression Recognition using Global Context Vision Transformer	
	161	Weed Detection Using AlexNet in Sesame Crops	
Session 8 (Computer Vision-1)	13	Exploring the Frontier of Object Detection: A Deep Dive into YOLOv8 and the COCO Dataset	
	52 48	Estimation of Student's Interest Reaction Levels in Class Video Accounting for groundtruth subjectivity in comparing Face Detection techniques	
	48	DetSSeg: A Selective On-Field Pomegranate Segmentation Approach	
	60	YOLOv8 based Deep Learning Method for Potholes Detection	
	61	Lung Disease Classification in Chest X-rays with Feature Fusion via Stacked Convolutional Denoising Autoencoders	
	71	A SURVEY ON OPTICAL COHERENCE TOMOGRAPHY	
	115	Marine Debris Detection Model with Custom Dataset using Instance Segmentation	
	118	Elevating fingerprint matching with a unified dHash, SIFT, and LSH model	
		Elevating fingerprint matching with a unified dHash, SIFT, and LSH model Open Set Masked Face Identification system	
	118		
Session 9	118 121	Open Set Masked Face Identification system	
Session 9 (Computer Vision-2)	118 121 123 130 133	Open Set Masked Face Identification system Real Time Implementation of Modified LD-NET using Docker on NVIDIA Jetson Nano for Image Dehazing Application Post Flood Damage Assessment Using Aerial Imagery Efficient Approximate Vedic Multiplier: Design, Analysis, and Application in Image Blending	
	118 121 123 130	Open Set Masked Face Identification system Real Time Implementation of Modified LD-NET using Docker on NVIDIA Jetson Nano for Image Dehazing Application Post Flood Damage Assessment Using Aerial Imagery	