



# SMART-2024

Organizing By:

**Teerthanker Mahaveer University, Moradabad, India**  
**College of Computing Sciences & Information Technology**

**Technical Session 1 (Friday, 6<sup>th</sup> December, 2024)**

Venue: 3107, CCIST Building

TIME : 2:30 P.M-5:30 P.M

## Best Ph.D. Thesis Award Presentation

Experts:	<ol style="list-style-type: none"> <li>1. Prof. Dilip K. Sharma ,Prof &amp; Dean(IR &amp;AC) , GLA University, Mathura</li> <li>2. DR. NEELENDRA BADAL Director, REC Bijnor</li> </ol>		
Internal Coordinator	Dr. Parag Agarwal, Associate Professor, CCSIT (M) 9557921133		
TECHNICAL SESSION	THESIS ID & Time of Presentation (IST)	THESIS TITLE	PRESENTOR NAME
TECHNICAL SESSION 1	TMUBTA 01 02:30 PM	A Dynamic Approach for Admission Control Policy, Replica Placement and Replacement Algorithm in DRTDBS	Dr. Nupa Ram Chauhan (Offline)
	TMUBTA 02 03:00 PM	Design And Analysis Of Circularly Polarized Microstrip Antenna With Electromagnetic Band Gap Structures	Dr. Alka Verma (Offline)
	TMUBTA 03 03:30 PM	Interpretable Deep Convolutional Frameworks for Ascertaining Image Veracity over Microblogging Platforms	Dr. Bhuvanesh Singh (Online)
	TMUBTA 04 04:00 PM	Development of an Efficient Machine Learning Based Language Identification System	Dr. Deepti Deshwal (Online)
	TMUBTA 05 04:30 PM	Performance Improvement of TFETs for switching and analog RF applications	Dr. Tripuresh Joshi (Online)
	TMUBTA 06 05:00 PM	An Efficient System for Secret Information Sharing Through SPIHT Coding and Zigzag Scanning and applying clustering algorithms for authentication of user-sessions using security chain mechanisms	Dr. Yelisela Rajesh (Online)



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<b>Friday, 6<sup>th</sup> December, 2024</b>			
<b>TIME : 2:30 P.M-5:00 P.M</b>			
<b>Best Project Award Presentation</b>			
<b>Venue : 3131, CCSIT Building</b>			
Experts:		Dr. Ravi Prakash Varshney, Executive Director ,Head of Technology, Securities Finance, S& P Global, Noida	
Internal Coordinator		<ol style="list-style-type: none"> <li>1. Dr. Gulista Khan, Associate Professor, FOE</li> <li>2. Mr. Rajendra P. Pandey , Assistant Professor, CCSIT</li> </ol>	
<b>TECHNICAL SESSION</b>	<b>PROJECT ID</b>	<b>PROJECT TITLE</b>	<b>PRESENTOR NAME</b>
<b>TECHNICAL SESSION 2</b>	SM001	Smart Greenhouse System	Ayran Jain
	SM002	Banaras Documentary	Prakshaal Jain
	SM003	Ghat Ghat Vyapak Ram - Short Film	Prashant Joshi
	SM004	Virtual Assistant	Jatin Jain
	SM005	Stock market Prediction	Asim Husain
	SM006	Fake News Detection	Atishay Jain
	SM007	Sign Language	Shivansh Jain
	SM008	Traffic light control using microcontroller	Yashvardhan,
	SM009	People door entering counter	Prince, Ubaid
	SM010	Smart electric vehicle	Dhruv
	SM011	Design and fabrication of manual driven cycle	Venang jain , Prabal jain
	SM012	Water generation model (Hardware)	Navneet Kumar



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Friday, 6 <sup>th</sup> December, 2024				
TIME : 2:30 P.M-5:00 P.M				
<b>Best Poster Award Presentation</b>				
<b>Venue: Auditorium , TMU</b>				
Experts:		Dr. Ranjeet Kr Singh, Managing Director, SIFS India Forensic Lab		
Internal Coordinator		1 Mr. Jyoti Ranjan Labh, Assistant Professor, CCSIT 2 Ms. Preeti Rani, Assistant Professor, CCSIT		
<b>TECHNICAL SESSION</b>	<b>Poster ID</b>	<b>POSTERTITLE</b>	<b>PRESENTOR NAME</b>	
<b>TECHNICAL SESSION 3</b>	P1	<b>Ai Ethics</b>	Aman Dahiya	
	P2	<b>Sustainable Technology</b>	Aman Dahiya	
	P3	<b>Ai Ethics</b>	Vaishali Gill	
	P4	<b>Sustainable Technology</b>	Vaishali Gill	
	P5	<b>Ai Ethics</b>	Mahak Bhatnagar	
	P6	<b>Sustainable Technology</b>	Mahak Bhatnagar	
	P7	<b>Ai Ethics</b>	Akshita Sharma	
	P8	<b>Sustainable Technology</b>	Akshita Sharma	
	P9	<b>Ai Ethics</b>	Arush Gupta	
	P10	<b>Sustainable Technology</b>	Arush Gupta	
	P11	<b>Sustainable Technology</b>	Raghav Sharma	
	P12	<b>Sustainable Technology</b>	Raghav Sharma	
	P13	<b>Ai Ethics</b>	Kali Gupta	
	P14	<b>Sustainable Technology</b>	Kali Gupta	
	P15	<b>Ai Ethics</b>	Kulveer Saini	
	P16	<b>Sustainable Technology</b>	Kulveer Saini	
	P17	<b>Ai Ethics</b>	Mohd. Hamza	
	P18	<b>Sustainable Technology</b>	Mohd. Hamza	
	P23	<b>Ai Ethics</b>	Kartik Singh	
	P25	<b>Ai Ethics</b>	Prakshaal Jain	
	P26	<b>Sustainable Technology</b>	Prakshaal Jain	
			<b>Ai Ethics</b>	Kartik Singh
	P27		<b>Sustainable Technology</b>	Jatin
	P28		<b>Ai Ethics</b>	Adarsh



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## PRESENTATION SCHEDULE

Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : LT1

Link

<https://meet.google.com/woe-zdpd-may>

### Experts

1. Mr. Milav Kumar Shah, Software Development Engineer ,Amazon Web Services (AWS) ·Bellevue, Washington, US
2. Mr. Gaurav Pantola, Technical lead HCL Technologies, Noida

Internal Coordinator

Mr. Abhilash Saxena

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 4	1	A Proposal for Deep Learning based Emotion Identification	Sinkon Nayak	2:30 PM to 2:45 PM
	11	Inventory Model for Two-warehouse System featuring Exponential Time-varying Demand	Puneet Kumar	2:45 PM to 3:00 PM
	22	IMPROVED CLASSIFICATION OF CYBER-BULLYING TWEETS IN SOCIAL MEDIA USING SVM-MAXENT BASED DYNAMIC PROGRAMMING BASED SELF ORGANIZING MAPS	Dr.M.Nisha	3:00 PM to 3:15 PM
	26	("Comprehensive Analysis of Social Responsibility in India's Agriculture Sector")	Dr. Deepak Kholiya	3:15 PM to 3:30 PM
	33	Comparison of Various Supervised Machine Learning Algorithms for the Risk Assessment of Non-Alcoholic Fatty Liver Disease	Sushma	3:30 PM to 3:45 PM
	45	Enhancing Cyber Security Protocols in Distributing Enviornments with Advanced Cryptographic Techniques	Ankur Maurya	3:45 PM to 4:00 PM
	60	Advanced Models for Predicting Student Performance in Higher Education using Machine Learning and Data Mining Techniques	Brijesh Kumar Verma	4:00 PM to 4:15 PM
	73	Exhaust hybrid after treatment system in vehicles using AI Techniques	Rinku Garg	4:15 PM to 4:30 PM
	74	Detection of Plant Diseases by Various Artificial Intelligence Techniques	Dr. Rinku Garg	4:30 PM to 4:45 PM



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## PRESENTATION SCHEDULE

Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : LT2

Link

<https://us06web.zoom.us/j/89463733102?pwd=OeoL2U6BdOuw2ipzv5Tbm77XUKYj6h.1>

### Experts

1. Mr. Venkatadri Marella Lead DevOps Engineer, Bench Prep Westbury ct Elgin, US
2. Dr. Arpit Jain, Koneru Lakshmaiah Education Foundation, Green Fields, Vaddeswaram, Guntur

Internal Coordinator 1

**Mr. Ajay Rastogi**

Internal Coordinator 2

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 5	85	Outlier Detection & implementation using machine learning algorithm	Dr R Bhuvana	2:30 PM to 2:45 PM
	87	Object Detection in Adverse Weather Conditions using Machine Learning	Shveta Rattanpal	2:45 PM to 3:00 PM
	127	Unveiling the Nexus: Exploring the Societal Implications of AI-Driven Cybersecurity and Data Analysis	Mohd Arif	3:00 PM to 3:15 PM
	128	Optimizing Industry 4.0 by Implementation of an Advanced Bottle Filling Plant with RFID, and CNN Technology	Nirmala Kamble	3:15 PM to 3:30 PM
	134	Hybrid Deep Learning and Machine Learning approach for Sickle Cell Disease Diagnosis Using ResNet and Random Forest Classifier	ARUN KUMAR DUBEY	3:30 PM to 3:45 PM
	140	A Comprehensive Analysis of Minutiae Point Extraction in Biometric FingerPrint	Keerthana N V	3:45 PM to 4:00 PM
	141	Secure communication algorithm in VANET using Access Control List	Wajid Ali	4:00 PM to 4:15 PM
	148	OPTIMIZED HEURISTIC TECHNIQUE FOR TASK SCHEDULING IN SECURE CLOUD STORAGE ENVIRONMENT	S.Maheshwari	4:15 PM to 4:30 PM



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## PRESENTATION SCHEDULE

Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : LT3

Link

<https://us06web.zoom.us/j/83102787541?pwd=b9jZyaqNt4SmbBWK96ikbHpvnv2IPS.1>

### Experts

1. Dr Satyvir Singh, Research Associate Fellow IACM , RWTH Aachen University, Germany
2. Mr. Srinivasan Jayaraman Software Architect / Sr. Principal, Autodesk San Francisco Bay

Internal Coordinator

Mr. Ashish Bishnoi

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 6	180	Predicting Cardiovascular Disease Risk with Machine Learning	Dr. Ravi Kumar Sachdeva	2:30 PM to 2:45 PM
	184	Futuristics Technologies for Reduction of Plastic Waste	Riya Dhiman	2:45 PM to 3:00 PM
	205	Fracture Detection in X-ray Images Using Whale Optimization Algorithm-Enhanced Bi-Directional LSTM Networks	Raj Gaurang Tiwari	3:00 PM to 3:15 PM
	211	Simplifying String Similarity : A Modern Evaluation of Minimum Edit Distance and N-Gram Overlap Efficiency	Dr. V.Hema	3:15 PM to 3:30 PM
	218	Improving Obesity Classification Accuracy Using SMOTE-based Dataset Balancing and Ensemble Machine Learning Approaches	Raj Gaurang Tiwari	3:30 PM to 3:45 PM
	226	Predictive Analytics for Customer Lifetime Value (CLV) Optimization: Estimating CLV to Inform Strategic Marketing Decisions for Maximizing Profitability	Prof Satish Kumar	3:45 PM to 4:00 PM
	227	Leveraging HR Analytics for Predictive Talent Management and Employee Retention	Dr. D. K. Pandey	4:00 PM to 4:15 PM
	232	Comparative Analysis of Fine-tuned LLM, BERT and DL models for Customer Sentiment Analysis	ANANDAN CHINNALAGU	4:15 PM to 4:30 PM



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PRESENTATION SCHEDULE				
Friday, 6 <sup>th</sup> December, 2024				
TIME : 2:30 P.M - 5:00 P.M / VENUE : LT4				
Link				
<a href="https://us06web.zoom.us/j/83763382904?pwd=cLcbldFHCBNd9rpsw5v5ljgyTHIZfR.1">https://us06web.zoom.us/j/83763382904?pwd=cLcbldFHCBNd9rpsw5v5ljgyTHIZfR.1</a>				
<b>Experts</b>		1. Mr. Indra Reddy Mallela Texas Tech University, Lubbock, Texas., 2. Dr Niharika, Data Engineer Kitchener, Ontario, Canada		
Internal Coordinator		<b>Dr. Aastha Mishra</b>		
TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 7	237	Enhancing Diabetic Retinopathy Management Through Personalized Recommendations with Reinforcement Learning	Isuru Herath	2:30 PM to 2:45 PM
	249	Smart Market Insights: A Deep Learning Approach to Trend Analysis	AAKRITI MAIR	2:45 PM to 3:00 PM
	258	Audio Analysis for Depressive State Detection Using Convolutional Neural Networks	BHAVADHARIN I C	3:00 PM to 3:15 PM
	260	Skin Cancer Detection Using Deep Learning Approach	Hemayutika S	3:15 PM to 3:30 PM
	269	Enhancing Educational Outcomes through Natural Language Processing Using Sentiment Analysis to Understand Course Feedback	Mr. K. Deepanchakkaravarthy	3:30 PM to 3:45 PM
	271	Blind Image Watermarking Scheme Utilizing 3-Level Discrete Wavelet Transform (DWT) for Enhanced Security	Guruprasad Govindappa Venkatesha	3:45 PM to 4:00 PM
	289	Animal Detection And Classification To Prevent Human-Animal Conflict Using YOLOv8	Kaarthiga K	4:00 PM to 4:15 PM
	297	Enhanced K-means Clustering of Tasks and Virtual Machines for Load Balancing in Fog Environment	Harpreet Kaur	4:15 PM to 4:30 PM



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## PRESENTATION SCHEDULE

Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : LT5

Link

[https://us06web.zoom.us/j/85265515485?pwd=xGJOVSRJLKOcfWaKa  
NLeouhRdPbSNa.1](https://us06web.zoom.us/j/85265515485?pwd=xGJOVSRJLKOcfWaKaNLeouhRdPbSNa.1)

### Experts

1. Dr ANKIT YADAV, Postdoc Research Associate, Department of Electrical and Computer Engineering, Iowa State University, Ames, IA, USA.
2. Mr K. C Mishra, WIT, Dehradun

Internal Coordinator

**Dr. Mudit Saxena**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
<b>TECHNICAL SESSION 8</b>	352	Developing Timer System as an Energy-Efficient Solution	Kamaldeep	2:30 PM to 2:45 PM
	398	Optimizing Quality of Service in IoMT through Fog Computing enabled service composition	Dinesh Anand	2:45 PM to 3:00 PM
	403	Image Analysis for Segregation of E-Waste Materials using Deep Learning	Kanishka M	3:00 PM to 3:15 PM
	413	An AR-Based Indoor Navigation System with Improved Accessibility	Raj makadia	3:15 PM to 3:30 PM
	421	Interpretable Handwritten Digit Classification: Analyzing Feature Extraction and Explainable	Thamaraiselvan S	3:30 PM to 3:45 PM
	441	Augmenting the Customer Care Service Applications "A Survey Based Realistic Approach	Janaki Raman Palaniappan	3:45 PM to 4:00 PM
	444	A Comparative Analysis of Deep Learning Models for Brain Tumour	Anuj Bhardwaj	4:00 PM to 4:15 PM
	445	A Hybrid Deep Learning Framework for Stock Price Forecasting with Sentimental Analysis	Yadala Sucharitha	4:15 PM to 4:30 PM





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Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : LT6

Link

<https://us06web.zoom.us/j/85892206252?pwd=29b5aioJdFgurzWrZRCarT3WcbUXcs.1>

### Experts

1. MR. SAURABH KANSAL, Software Engineer, Meta, USA
2. Dr. Vibhash Yadav, Associate Professor & Head (IT) , Rajkiya Engineering College Banda (U.P.)

Internal Coordinator

**Mr. Harjinder Singh**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
<b>TECHNICAL SESSION 9</b>	464	Stress Sense: An AI powered stress assessment tool	Teja Murugudu	2:30 PM to 2:45 PM
	482	Animal Intrusion Detection System In Agriculture Using Deep Learning	Amirtha G	2:45 PM to 3:00 PM
	483	Diabetic Retinopathy Severity Detection Using Inception V3 and ResNet50 Architectures	Aparna S	3:00 PM to 3:15 PM
	484	A Novel Deep Learning framework for Credit Card Fraud Detection	Shobhan Banoth	3:15 PM to 3:30 PM
	72	A Study and Solution for Unmanned Railway Crossings with Complete Automation	Arun Kumar Gangwar	3:30 PM to 3:45 PM
	271	Blind Image Watermarking Scheme Utilizing 3-Level Discrete Wavelet Transform (DWT) for Enhanced Security	Shakeb Khan	3:45 PM to 4:00 PM
	331	ONLINE PAYMENT FRAUD DETECTION ON SKEWED DATA: A COMPARISON BETWEEN KNN AND DECISION TREE	Om Goel	4:00 PM to 4:15 PM
	339	Analysing the Neo-Fuzzy Neural Network for Capacitor and Supercapacitor Health	Ravi Laudya	4:15 PM to 4:30 PM



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Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : 3102

Link

<https://meet.google.com/unt-dtkg-yjy>

### Experts

1. MR. KRISHNA P. SIVARAJ, Data & Reporting Analyst, Boise, Idaho, United States
2. Dr. Shakti Kundu, Associate Professor, BML Munjal, Gurgaon

Internal Coordinator

**Mr. Manish Joshi**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 10	127	Unveiling the Nexus: Exploring the Societal Implications of AI-Driven Cybersecurity and Data Analysis	Mohd Arif	2:30 PM to 2:45 PM
	340	Improving IoT Device Reliability through Cold Standby Sparing Redundancy	MAHAVEER	2:45 PM to 3:00 PM
	420	Optimizing Web Interfaces with AI-Generated CSS through Machine Learning and Deep Learning	INDRA REDDY	3:00 PM to 3:15 PM
	422	Adaptive CSS using deep learning for flexible web designs and performance improvement	ASHVINI	3:15 PM to 3:30 PM
	480	QPSO-FL-EECP: Quantum Particle Swarm Optimization and Fuzzy Logic-Based Protocol for Energy-Efficient Clustering Protocol in Wireless Sensor Networks	DR SHAKEB KHAN	3:30 PM to 3:45 PM
	486	Artificial Intelligence -Driven Solutions for Privacy and Security in Smart City Data Management Systems for Smart Cities	Rakesh Jena	3:45 PM to 4:00 PM
	487	Blockchain-Driven Secure Communication and Trust Management Framework for the Internet of Vehicles (IoV)	DR AVNISH KUMAR	4:00 PM to 4:15 PM



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Friday, 6<sup>th</sup> December, 2024

TIME : 2:30 P.M - 5:00 P.M / VENUE : 3106

### Experts

1. Dr. Deepika Pantola, Assistant Professor, School of Engg. and Tech Bennett University, Greater Noida, UP
2. PROF DR RAFIK AHMAD, Chapter chair, IEEE UP section R10, BBDITM Lucknow

Internal Coordinator

**Ms. Rohaila Naaz**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 11	3	A Solid Transportation Problem involving multiple objectives and products within a Fuzzy Framework	Rashi Arya	2:30 PM to 2:45 PM
	11	Inventory Model for Two-warehouse System featuring Exponential Time-varying Demand	Puneet	2:45 PM to 3:00 PM
	46	Enhanced Approach to Detect Ship using Wavelet Transform	Ruchita Singh	3:00 PM to 3:15 PM
	100	MESSAGE COMMUNICATION CHALLENGES IN HETEROGENEOUS ARCHITECTURE OF INTERNET OF VEHICLES: A REVIEW	Jitendra Kumar	3:15 PM to 3:30 PM
	109	A Comprehensive Review of Machine Learning Models for Early Heart Disease Prediction	Amit Kumar	3:30 PM to 3:45 PM
	135	Study on Different Design and Techniques for Biomedical Antennas	Alka	3:45 PM to 4:00 PM
	141	Secure communication algorithm in VANET using Access Control List	Wajid	4:00 PM to 4:15 PM
	210	Exploring Machine Learning Techniques for Accurate Plant Leaf Disease Detection and Classification: A Review	Aaditya Jain	4:15 PM to 4:30 PM
	246	Digital Marketing Strategies in Higher Education: Tools and Techniques for Engaging Prospective Students and Understanding Audience Behavior in a Digital Environment	Shikha	4:30 PM to 4:45 PM
	299	Comprehensive Analysis of Drug Reaction Opinions through Deep Learning	Ajay	4:45 PM to 5:00 PM
	309	Neural Network Controlled Grid Synchronization of Single-Phase Inverter Using SOGI-PLL for Efficient Solar Power Integration	Vinayak Mishra/umesh	5:00 PM to 5:15 PM
393	Exploring Mechanical Benefits of Recycled Fibers in Ultra-High Performance Concrete: A Decade Review	Nikita Jain	5:15 PM to 5:30 PM	



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Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M-1:00 P.M / VENUE : LT1

Link

<https://meet.google.com/ztw-aqco-axr>

### Experts

1. MR. GURUPRASAD G. VENKATESHA, Senior Security Program Manager, Microsoft, NE, St Renton, USA
2. Dr. Sumit Tiwari, Assistant Professor , Shiv Nadar Institution of Eminence, Gautam Budha Nagar, UP

Internal Coordinator

**Mr. Amit Kumar Vishnoi**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 12	63	Integrating Big Data Analytics for Enhancing Sustainability in Digital Supply Chain Networks	DEEPA PRIYANSHU	10:30AM to 10:45AM
	64	Cloud Computing for Drug Discovery and Telemedicine in QSAR Analysis	Dr. Javed Ahmad	10:45AM to 11:00AM
	93	Experience Consequences of Virtual Reality on Visitor Interaction and Experience in Museum Tours	ShinnuJangra	11:00AM to 11:15AM
	95	Impact of Immersive Technology on Physiological Parameters in Psychiatric Disorders	Anjali	11:15AM to 11:30AM
	99	Intelligent Farming: IoT-Powered System for Efficient Soil Condition Analysis	AnkurSisodia	11:30AM to 11:45AM
	101	A Review on Opinion Mining Approache :Using Deep learning for large scale Data	Navjot Singh	11:45AM to 12:00AM
	102	Sentiment Analysis in Images: Revisiting Multi- Model Approaches	PUNEET SHARMA SANJAY KUMAR MALIK, VANITA JAIN	12:00PM to 12:15PM
	103	Utilizing Machine Learning Techniques for Predictive Analysis of Malicious Domains through URL and Domain Characteristics	Shantanu Bindewari	12:15PM to 12:30PM
	111	Deep Learning-Based Mushroom Species Classification: Analyzing the Performance of CNN on Diverse Fungi	ESHIKA JAIN	12:30PM to 12:45PM
113	Deep Learning-Based Detection of Orange Diseases Using MobileNetV2 for Enhanced Agricultural Diagnostics	ESHIKA JAIN	12:45PM to 01:00PM	



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TIME : 10:00 A.M-1:00 P.M / VENUE : LT2

Link

<https://meet.google.com/bfs-fvhm-zsp>

### Experts

1. MR. PRAVEEN K. ILAMURUGAN, Director, Software Development, Oracle, Pondicherry, University, San Francisco
2. Dr. Ankit Gupta, Assistant Professor , Shiv Nadar Institution of Eminence, Gautam Budha Nagar, UP

Internal Coordinator

**Mr. Anuj Kumar Raghav**

T-13

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 13	126	Breast Cancer tissue Detection System based on K-mean Clustering and Deep Neural Network	VIJAY KUMAR TRIVEDI	10:30AM to 10:45AM
	129	A FRAMEWORK FOR INSECT DETECTION AND CLASSIFICATION IN PADDY IMAGES	Dr S.SASIKALA Dr.R.BHUVANA	10:45AM to 11:00AM
	130	Enhancing Liver Steatosis Diagnosis with Transfer Learning and Deep Convolutional Neural Network in Ultrasound Imaging	Sushma	11:00AM to 11:15AM
	133	Multi-Agent Coordination of Autonomous Vehicles for Smart Logistics in Industrial Environments	Mani Deepak Choudhry	11:15AM to 11:30AM
	135	Study on Different Design and Techniques for Biomedical Antennas	SachinSangal	11:30AM to 11:45AM
	151	Traffic monitoring system using drone images	SujithaChintha kunta	11:45AM to 12:00AM
	155	Real-time Sentiment Analysis of Domestic Violence Tweets: Informing Intervention Strategies	K Prathyusha I Vinitha	12:00PM to 12:15PM
	158	FOREX Analysis and Machine Learning Models: Prior interpretations of Currency Exchange Rate	Alok Kumar Agrawal SrikantaMallik	12:15PM to 12:30PM
	171	Intelligent Deep Learning Model for Securing KMS through CSF Deviation Detection	Dr. Raju	12:30PM to 12:45PM
	214	Blockchain-Based Fellowship Management System with Zero-Knowledge Credential Verification	Ananya Gupta	12:45PM to 01:00PM

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TIME : 10:00 A.M-1:00 P.M / VENUE : LT3

Link

<https://us06web.zoom.us/j/83102787541?pwd=b9jZyaqNt4SmbBWK96ikbHpvnv2IPS.1>

### Experts

1. Mr. Pradeep Jeyachandran senior Analytics Manager, Klarna Inc, Regal Boulevard, Livingston Nj, United States
2. Mr. Nandish Shiva prasadsenior Enterprise Data Architect, Republic Finance Memorial Lane Apt, Plano Tx 75024, Usa
3. Dr. Sanjay Gupta, BIET ,Jhansi

Internal Coordinator		Dr. Amit Kumar		
TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 14	225	Optimizing Supply Chain Management in the Medical Field through Demand Forecasting and Customer Segmentation	Krithiga Ganesh Kumar Harini.S	10:30AM to 10:45AM
	229	Energy Preserving Techniques for CPS in Smart healthcare System	Jyoti Srivastava Dr. idheswarRoutray	10:45AM to 11:00AM
	231	Cyber Bullying Detection On Social Media Using Machine Learning	Gayatri Santosh rede	11:00AM to 11:15AM
	255	Large Language Model Virtual Assistants for International Business and Product Marketing	PavithraShenoy	11:15AM to 11:30AM
	256	Fall Detection in Elderly People Using Compact Wearable Sensors with AI	Keerthana N V	11:30AM to 11:45AM
	257	Classifying Environmental Attitudes Using Explainable Machine Learning Models: A Study on Interpretability in Environmental Psychology	Raj Gaurang Tiwari Ambuj Kumar Agarwal	11:45AM to 12:00AM
	264	MarsDeepNet: A Hybrid Deep Learning Approach for Mars Terrain Classification Using Modified GoogLeNet Architecture	Raj Gaurang Tiwari Ambuj Kumar Agarwal	12:00PM to 12:15PM
	268	Machine Learning Models and Diabetes Prediction: A comparative Analysis of Multiple Models Implementation	Ms. Aakanksha Sankhyan Ms. LaishramBijjaluxmi Devi	12:15PM to 12:30PM
	273	Profit Analysis of One Out of Two System with Duplicate Standby and Priority to Repair	Parmender	12:30PM to 12:45PM
	283	Metaheuristic Optimization for Path Planning in UAV Networks for Long-Distance Inspection Tasks	Mani Deepak Choudhry Dr J Akshya	12:45PM to 01:00PM



# SMART-2024

Organizing By:

**Teerthanker Mahaveer University, Moradabad, India**

**College of Computing Sciences & Information Technology**

## PRESENTATION SCHEDULE

Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M-1:00 P.M / VENUE : LT4

Link

<https://us06web.zoom.us/j/83763382904?pwd=cLcblIdFHCBnd9rpsw5v5ljgyTHIZfR.1>

### Experts

1. Dr. Shishir Kumar, Director (Research & Development), Babasaheb Bhimrao Ambedkar University, Lucknow
2. Mr. Archit Joshi Syracuse University, Syracuse, Sadashivnagar Belgaum Karnataka
3. Ms. Ashvini Byri University Of Southern Los Angeles, Ca 90007, United States,

Internal Coordinator

**Dr. Ashok Kumar**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 15	284	Proactive Highway Collision Avoidance using YOLOv8 and Ultrasonic sensors	Kuppulakshmi K Akshaya A	10:15 AM to 10:30 AM
	286	SAGB: A Hybrid Stacked AutoEncoder-Gradient Boosting Model for Accurate Classification of Amyotrophic Lateral Sclerosis (ALS)	GINAVANEE A	10:30AM to 10:45AM
	291	Anomaly Detection in Surveillance Cameras	KANISH S G DHARSHAN C L	10:45AM to 11:00AM
	292	A Smart IoT Framework for Detecting Accidents and Facilitating Rescue Operations	Abhinash Kumar Abhijeet Kumar	11:00AM to 11:15AM
	296	Comparative Analysis Yolov5 and Yolov8 for Vehicle Classification	Muskan Jain	11:15AM to 11:30AM
	304	Detection of Glaucoma Based on Retinal " Image Analysis Using Convolution Neural Networks Technique	Abilash S Deepa S V	11:30AM to 11:45AM
	321	ONLINE PAYMENT FRAUD DETECTION ON SKEWED DATA: A COMPARISON BETWEEN KNN AND DECISION TREE	Agalya S	11:45AM to 12:00AM
	323	Integration of Bidirectional LSTM With Variable Step Size Algorithm to Forecast Breast Cancer Diagnosis	Ravi Mandliya Prof (Dr) PunitGoel	12:00PM to 12:15PM
	324	Forecasting the Fault Detection & Condition Monitoring of Rotating Machinery by SHAP: Ex-Plain able AI	Ravi Mandliya Prof (Dr) PunitGoel	12:15PM to 12:30PM
	19	Enhancing Smart Home Automation with Arduino and Artificial Intelligence	Dr. Anupum	12:30PM to 12:45PM
	479	Smart card reading optimization using dynamic framing protocol (DFP) on RFID reader system	Dr. Anupum	12:45PM to 1:00 PM



# SMART-2024

Organizing By:

**Teerthanker Mahaveer University, Moradabad, India**  
**College of Computing Sciences & Information Technology**

## PRESENTATION SCHEDULE

Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M-1:00 P.M / VENUE : LT5

Link

Meeting Link : <https://meet.google.com/hdx-qhoo-net>

### Experts

1. Dr. Karan Singh, JNU, New Delhi
2. MR. ANKIT GUPTA System Architect @ Akshaya Inc SAP Certified Technology Specialist Columbus, Ohio
3. MR. PRIYANK MOHAN Seattle University, 901 12th Ave, Seattle, WA 98122, United States

Internal Coordinator		Dr. Namit Gupta		
TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 16	325	An Efficient Clothing Plan Integrity Conventional neural network to Visual Character in the Water Colour Image	Ravi Mandliya Prof (Dr) PunitGoel	10:30AM to 10:45AM
	361	PROOF OF STAKE BASED VOTING SYSTEM USING BLOCK CHAIN	JEEVANANTHAN B HEMALATHA S	10:45AM to 11:00AM
	366	Securing the Threads: In-Depth Analysis of IoT Architecture and Threat Mitigation	VaibhaviJha SidharthKakrani	11:00AM to 11:15AM
	367	Currency Detection Application For Visually Impaired People Using Tensorflow Lite	Ruchikabhakhar Rahul singh	11:15AM to 11:30AM
	369	GraphQL: Time for Introspection	AaryenToggi Devam Shah	11:30AM to 11:45AM
	371	Transforming Algorithmic Trading with AI: Achieving Competitive Market Edge	HARSH VARDHAN	11:45AM to 12:00AM
	376	Securitizing Patient Record and Access Using Ethereum Smart Contract Graph Embedded Pyramid Network Face Recognition	Mrs.D. GAYATHRI Dr.RAGHAVEND RAN	12:00PM to 12:15PM
	380	Automated Compliance: A Privacy - Focused Solution for GDPR and DPDPA Adherence	NidhiKeni AmayDoshi	12:15PM to 12:30PM
	383	KneeOsteoarthritis Detection and Staging Using Ordinal Classification with ResNet50	VASUNTHRA S PREETHI S P	12:30PM to 12:45PM
	220	Machine Learning Based Strategy for Students Performance Improvement	VINEET SAXENA	12:45M to 01:00PM





# SMART-2024

Organizing By:

**Teerthanker Mahaveer University, Moradabad, India**

**College of Computing Sciences & Information Technology**

## PRESENTATION SCHEDULE

Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M - 1:00 P.M / VENUE : LT6

Link

<https://us06web.zoom.us/j/85265515485?pwd=xGJOVSRJLKOcfWaKaNLeouhRdPbSNa.1>

### Experts

1. Dr.Ambuj Kumar Agarwal, Professor, Department of CSE, Sharda University, Greater Noida
2. MR. SAURABH ASHWINI KR. DAVE Software Engineer & Project Lead  
3565 Whitehall Ct, Pleasanton,USA
3. MR. RAKESH JENA IT Consultant USA

Internal Coordinator

**Dr. Nupa Ram Chauhan**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 17	391	Enhanced Dynamic Load Balancing Mechanism in Cloud Environment with Modified Grey Wolf Optimization Algorithm	M. VIDHYA	10:30AM to 10:45AM
	395	Gen AI for Real-Time Traffic Prediction and Autoscaling in Cloud Computing Education 4.0	Rahul Vadisetty, Anand Polamarasetti	10:45AM to 11:00AM
	396	Using Digital Twins and Gen AI to Optimize Plastics Densification in the Recycling of Polypropylene (PP) and Polyethylene (PE)	Rahul Vadisetty, Anand Polamarasetti	11:00AM to 11:15AM
	397	AI-Augmented Skill Development Roadmaps: Tailoring 12-Month Learning Paths for Future-Ready Careers in Education 4.0	Rahul Vadisetty, Anand Polamarasetti	11:15AM to 11:30AM
	405	Intrusion Detection System for RPL -Based IoT Networks: Mixed Methodology of Graph Neural Networks and Autoencoders	NAMITHA M, MUHAMUDHA AQSA M A	11:30AM to 11:45AM
	406	Hybrid Machine Learning Model for Early Detection and Monitoring of Alzheimer's Disease Using Behavioral and Activity-Based Data	Rahul Kumar Singh	11:45AM to 12:00AM
	407	Attendify: A Facial Recognition-Based Automated Institutional Attendance System Application	Divya Srivastava, Shahina Anwarul	12:00PM to 12:15PM
	408	A Novel Scheme for the Solution of differential equations through Modified Legendre Wavelets	Ankit Kumar	12:15PM to 12:30PM



# SMART-2024

Organizing By:

**Teerthanker Mahaveer University, Moradabad, India**  
**College of Computing Sciences & Information Technology**

## PRESENTATION SCHEDULE

Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M - 1:00 P.M / VENUE : 3102

Link

<https://meet.google.com/ioj-kfqr-pyp>

### Experts

1. DR. Danish Ather, Professor and Head Department of Research Amity University, Tashkent, Uzbekistan
2. MR. SRINIVASULU H. KENDYALA, University of Illinois Springfield, Illinois, USA
3. MR. SURAJ DHARMAPURAM, Carnegie Mellon University, 5000 Forbes Ave, Pittsburgh

Internal Coordinator

**Dr. Pradeep Kumar Shah**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 18	409	Advancements in Voice Assistants: A Study of Speech Recognition and Emotional Intelligence	RIMAN MANDAL	10:00AM to 10:15AM
	420	Optimizing Web Interfaces with AI-Generated CSS through Machine Learning and Deep Learning	Ashvini Byri/Aman Shrivastav	10:15AM to 10:30AM
	422	Adaptive CSS using deep learning for flexible web designs and performance improvement	Ashvini Byri/Aman Shrivastav	10:30AM to 10:45AM
	431	A Hybrid Approach of BBO and PSO for Resource Management in Fog Computing	Ruchika bhakhar/Rahul Singh	10:45AM to 11:00AM
	446	Advancing Smart Grid Stability Through Machine Learning and Principal Component Analysis	S NARENDRAN	11:00AM to 11:15AM
	447	E class Engagement and behaviour tracking using Machine learning for virtual education.	Kanimozhi S/Kavya B	11:15AM to 11:30AM
	456	Stress detection in Working Professionals	Thanusree S/Pooja S	11:30AM to 11:45AM
	459	PERSONALIZED DRUG INFORMATION AND RECOMMENDATION SYSTEM USING GRADIENT BOOSTING MACHINE (GBM)	Sree Abinaya P/Nandhini A	11:45AM to 12:00AM
	460	Detection of Deep fake Videos using a Deep Learning Approach with Res-Next and LSTM	Sowndharya S/Mickel Pradeep D	12:00PM to 12:15PM
	20	Comparative Analysis of Multilingual and Cross-Lingual Models for Aspect-Based Sentiment Analysis	Anupam Singh	12:15PM to 12:30PM
	261	Approaches Using Machine Learning Models and Adaptive Technology to Conserve Power	Alina Ahuja	12:30PM to 12:45PM



# SMART-2024

Organizing By:

**Teerthanker Mahaveer University, Moradabad, India**

**College of Computing Sciences & Information Technology**

## PRESENTATION SCHEDULE

Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M-1:00 P.M / VENUE : 3106

Link

<https://us06web.zoom.us/j/85892206252?pwd=29b5aioJdFgurzWrZRCarT3WcbUXcs.1>

Experts		<b>Dr. Vinita Jain, Associate Professor, Dept Electronics Science, University of Delhi, Delhi</b>		
Internal Coordinator		<b>Dr.Rupal Gupta</b>		
TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 19	461	Detection of cervical cancer using SVM and CNN	Kanishka R	10:15AM to 10:30AM
	462	Emotion Recognition from Wearable EEG Devices using Neural Networks	Hari Supikssa KS	10:30AM to 10:45AM
	466	Stress Sense:An AI powered stress assessment tool	ESHIKA JAIN	10:45AM to 11:00AM
	468	Enhancing User Experience with AI-Generated CSS through Machine Learning for Adaptive Web Design	ESHIKA JAIN	11:00AM to 11:15AM
	470	Animal Intrusion Detection System In Agriculture Using Deep Learning	ESHIKA JAIN	11:15AM to 11:30AM
	471	Diabetic Retinopathy Severity Detection Using Inception V3 and ResNet50 Architectures	ESHIKA JAIN	11:30AM to 11:45AM
	476	A Novel Deep Learning framework for Credit Card Fraud Detection	Dheeraj Yadav	11:45AM to 12:00AM
	477	A Comprehensive Derivative Operational Matrix Scheme with Modified Lucas Wavelets for Transcendental Differential Equations	Dheeraj Yadav	12:00PM to 12:15PM
	485	Artificial Intelligence -Driven Solutions for Privacy and Security in Smart City Data Management Systems for Smart Cities	Dr. Ankit Kumar	12:15PM to 12:30PM
	486	Detection of cervical cancer using SVM and CNN	Rakesh Jena	12:30PM to 12:45PM
21	Predicting Early Possibilities of Breast Cancer Detection Using Machine Learning Techniques		12:45PM to 1:00PM	



# SMART-2024

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**College of Computing Sciences & Information Technology**

## PRESENTATION SCHEDULE

Saturday, 7<sup>th</sup> December, 2024

TIME : 10:00 A.M - 1:00 P.M / VENUE : 3117

Link

<https://meet.google.com/anm-yuvq-rer>

### Experts

1. PROF. PRIYADARSHI UPADHYAY, Scientist, USAC, Good Governance and Sc&Tech, Govt. of U.K., India
2. MR. VINAY ACHARYA, Product Leader, Walmart, Bentonville, Arkansas, United States
3. MR. VARUN GARG, Senior Engineering Manager @ Instacart, Greater Seattle Area, USA

Internal Coordinator

**Mrs. Hina Hashmi**

TECHNICAL SESSION	PAPER ID	PAPER TITLE	PRESENTER NAME	TIME
TECHNICAL SESSION 20	12	A Comprehension Review of Classification Methods in Satellite Imagery	M. VIDHYA	10:30AM to 10:45AM
	13	Spine Disease Detection in Spinal X-ray Images Using Machine Learning	Rahul Vadisetty, Anand Polamarasetti	10:45AM to 11:00AM
	34	Machine Learning-Based Prediction of Gold Prices Using Economic Indicators)	Rahul Vadisetty, Anand Polamarasetti	11:00AM to 11:15AM
	35	Comparative Analysis of Machine Learning Models for Diabetes Prediction	Rahul Vadisetty, Anand Polamarasetti	11:15AM to 11:30AM
	36	Analyzing the Impact of AI Adoption on Job Market Dynamics and Employment Trends Using a Synthetic Dataset	NAMITHA M, MUHAMUDHA AQSA M A	11:30AM to 11:45AM
	41	Comparative Analysis of Machine Learning Application on Routing Protocols in FANET	Rahul Kumar Singh	11:45AM to 12:00AM
	44	Exploring the Impact of Flat Icons and 3D Icons on User Experience and Aesthetics in Digital Interface	Divya Srivastava, Shahina Anwarul	12:00PM to 12:15PM
	47	Optimizing Software Requirements Selection: A Hybrid K-Means and Intuitionistic Fuzzy TOPSIS Approach	Ankit Kumar	12:15PM to 12:30PM
	61	Evaluating the Impact of Green IT Practices on Operational Efficiencies in Sustainable Supply Chains	DEEPA PRIYANSHU	12:30PM to 12:45PM
	438	Skin Disease Detection System	NAYEERMUR RAHMAN	12:45PM to 1:00PM