

Track- 'A'

Session Chairs- Dr. K.C. Mishra & Dr. P.S.Pandey Session Coordinator- Dr. Anurag Malik Date- 2<sup>nd</sup> May 2024

Time- 2:00Pm- 6:00PM

#### Venue- Division of Research & Innovation building (Board Room) Mode of Presentation (Hybrid)

MS Team Meeting Link- https://teams.microsoft.com/l/meetup-

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Paper Title	Paper ID	Time
Analysis of Feedback and Customer Satisfaction Parameters for Hospitality Industry-A Technology Intervention	404	2:00PM-2:15PM
IoT-Based Smart Solution for Biogas Plant Operation	723	2:15PM-2:30PM
Integrating Circular Economy and IoT For Sustainable Resource Management	724	2:30PM-3:00PM
AI Technological advancements in the design of intangible cultural products and Preservation of Cultural Heritage Sites	725	3:00PM-3:15PM
How is digitalization reshaping the landscape of Rural banking in India?	569	3:15PM-3:30PM
Leveraging Smart Devices for Corporate Social Responsibility in India: Advancements, Trends, and Concerns towards Sustainability	570	3:30PM-4:00PM
Hy_PSO: Hybrid Algorithm for Lung Cancer Diagnosis and Prognosis	379	4:00 PM-4:15PM
Justifiable Agriculture Productivity with Nimble, Cost- Effective, and Optimized Resource Framework - A MIST Computing Approach for Smart Agriculture	367	4:15PM-4:30PM
A paradigm shift in enhancing environmental sustainability: AI and IoT for smart water quality applications	413	4:30PM-4:45PM
Amalgamation of Technologies for Smart Monitoring of Sustainable Aquaculture	454	4:45PM-5:00PM
Revolutionizing Renewable Energy: AI- Based Solutions for Sustainable Biofuel	192	5:00-5:15PM
Revolutionizing Tuberculosis Treatment: Smart Technology Innovations for Mycobacterium tuberculosis Management	282	5:15PM-5:30PM
Revolutionizing Waste Management AI-Powered Solutions for Electronic Waste in India	270	5:30PM-5:45PM
AI-Enhanced Living: The Future of Smart Homes	271	5:45PM-6:00PM

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Track '1'

Session Chairs- Dr. Brajlata Chauhan & Dr. Shailesh Mishra Session Coordinator- Ms. Sakshi Kohli Date- 2<sup>nd</sup> May 2024

Time- 2:00PM- 6:00PM

**Venue- Division of Research & Innovation Building (Room no. 201) Mode of Presentation (Hybrid Mode)** 

MS Team Meeting Link- https://teams.microsoft.com/l/meetup-

join/19%3ameeting MTM5MzZiNTYtMGE1NC00ZDdhLWFiMGYtN2U0YWVjNzVhNTcw%40thread.v2/0? context=%7b%22Tid%22%3a%22429ee58c-0714-4d59-b5f7-

eba6428b60b9%22%2c%220id%22%3a%226d118450-0695-453b-b107-75b240c974ba%22%7d

Paper Title	Paper ID	Time
Enhancing COVID-19 Diagnosis through Deep Learning on a coupled Edge- Cloud Computing technique using CT Scan Images	6	2:00PM-2:15PM
Improving Lane Management: Leveraging OpenCV and IoT to Empower Smart Environments	35	2:15PM-2:30PM
Smart Model For Black Friday Sales Prediction	59	2:30PM-2:45PM
Consumer Sentiment Analysis	60	2:45PM-3:00PM
Study on the Factors Influencing Investment Behaviour of Investors	64	3:00PM-3:15PM
The perspectives of women on telecommuting in the IT sector: A boon or a curse	65	3:15PM-3:30PM
EV Battery Management System using IoT	97	3:30PM-3:45PM
Comprehensive Review on House Prediction System	107	3:45PM-4:00PM
Using AI-based techniques with prisoners who suffer from mental illness	113	4:00PM-4:15PM
Advanced Digital Technological Solutions to Domestic Violence: A Brief Analysis	114	4:15PM-4:30PM
Inconsistent behaviour of pre-increment Operators of C language	116	4:30PM-4:45PM
Real-time Obesity and Heart Disease Monitoring with IoT and Deep Learning	165	4:45PM-5:00PM
A Machine Learning Approach for the Identification and Classification of Cardiovascular Diseases Using ECG Signals and Sensor data	166	5:00PM-5:15PM
Real-Time Crop Monitoring System Using Deep Learning Techniques for Increasing Production	167	5:15PM-5:30PM
Dynamic Energy-Aware Data Aggregation in Wireless Sensor Networks	377	5:30PM-5:45PM

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Track '2'

Session Chairs- Dr. Ankur Dumka & Dr. Kamal Kumar Sharma Session Coordinator- Mr. Gopal Krishna Date- 3<sup>nd</sup> May 2024

Time- 10:00AM- 3:00PM

**Venue- Division of Research & Innovation Building (Room no. 201) Mode of Presentation (Hybrid Mode)** 

MS Team Meeting Link- https://teams.microsoft.com/l/meetup-

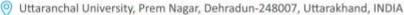
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eba6428b60b9%22%2c%22Oid%22%3a%225369c030-6abe-4c1b-8fa7-3f5b41198676%22%7d

Paper Title	Paper ID	Time
Real-Time Crop Monitoring System Using Deep Learning Techniques for	169	10:00AM-10:15AM
Increasing Production		10:00AM-10:13AM
Enhancing Security for Online Transactions through Supervised Machine	170	10:15AM-10:30AM
Learning in Credit Card Fraud Detection		10.13AWI-10.30AWI
AI-Enhanced Healthcare: Forging the Path towards Intelligent Well-being and the Cutting Edge Environment 4.0	223	10:30AM-10:45AM
Improving Home Security through Facial Recognition in a Smart Environment	224	10:45AM-11:00AM
Smart Technology Enhancing User-Centric Movie Recommendations	225	11:00AM-11:15AM
Confronting Hate Speech in SMART Environments: An Approach that Uses Ensemble Learning and LSTM	226	11:15AM-11:30AM
Cutting-Edge Skin Cancer Detection in a Smart Ecosystem	227	11:30AM-11:45AM
Smart AI basedVolume Control System: Gesture Recognition with OpenCV & Mediapipe Integration	228	11:45AM-12:00PM
Advancing Healthcare: CNN-Based Brain Hemorrhage Detection in Intelligent Environments	229	12:15 PM-12:30PM
Improving Parking Management: Leveraging IoT to Empower Smart Environments	230	12:30PM-12:45PM
Enhancing Network Security in Smart AI Environments: Innovative Approaches to Detecting Anomalies	231	12:45PM-1:00PM
Using Smart Technology to Identify Pneumonia Accurately in Chest X-Rays	232	1:00PM-1:15PM
Designing and Prototyping Low Cost Portable ventilator for emergency uses	233	1:15PM-1:30PM
Trackbot's Journey Revolution: Smart Travel	236	1:30PM-1:45PM
Smart Next-Generation Revenue Growth: A Methodology for Partitioning Customers Utilizing the K-Means Algorithm and RFM Model	237	1:45PM-2:00PM
Exploring the concept of multi-modality using grounding dino with evaluation of its performance in the context of different types and complexity of input text prompts	14	2:00PM-2:15PM
Wireless System for Monitoring of Water tank	22	2:15PM-2:30PM
Enhancing Public Wi-Fi Accessibility and Coverage through NuttyFi ESP8266 Wi-Fi Module Extension	23	2:30PM-2:45PM

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Track '3'

Session Chairs- Dr. Ajoy Roy & Dr. Kamal Kumar Session Coordinator- Dr. Kapil Joshi Date- 3<sup>rd</sup> May 2024

Time- 10:00PM-3:00PM

Venue- Division of Research & Innovation Building (Room No. 202) Mode of Presentation (Hybrid Mode)

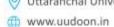
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Paper Title	Paper ID	Time
Smart Innovation in Motion: The Voice-Driven Robotic	245	10:00AM-10:15AM
Vehicle Experience		10.00AWI-10.13AWI
Enhancing Object Recognition With Resnet-50: An	246	10:15AM-10:30AM
Investigation Of The CIFAR-10 Dataset		10.13AWI-10.30AWI
Smart Crypto Transactions: Pioneering of the Digital	247	10:30AM-10:45AM
Economy		10.30AWI-10.43AWI
Smart Road Segmentation from Aerial Images	248	10:45AM-11:00AM
Segmentation study on Bank customers based on RNN	249	11:00AM-11:15AM
Revolutionizing Cardiovascular Health with Machine	254	11:15AM-11:30AM
Learning: Predictive Models and Beyond		11.13AW-11.30AW
Optimizing Rectangular Microstrip Patch Antennas for	302	11:30AM-11:45AM
High-Performance WiMAX Communication		11:30AWI-11:43AWI
Multiplexer design and analysis using 18nm FinFET	322	11:45AM-12:00PM
Technology		11.43AWI-12.00FWI
Prediction of machining conditions using machine learning	337	12:15 PM-12:30PM
AI-based effective transport management system using	341	12:30PM-12:45PM
fused WSN data		12.50PW-12.45PW
AI-BASED MODELING AND SIMULATION STUDIES	343	12:45PM-1:00PM
ON AUTOMATION IN POWER SYSTEMS		12.43FWI-1.00FWI
Cybersecurity: Threats, Requirements, Deployments,	372	1:00PM-1:15PM
Techniques, System Architecture, and Future Research		1.001 WI-1.131 WI
Precision in Prediction: A Comprehensive Assessment of	388	
Diabetes Forecasting through Machine Learning		1:15PM-1:30PM
Techniques		
Use of artificial intelligence in the fight against doping	395	1:30PM-1:45PM
Study of Smart Kitchen using Artificial Intelligence	671	1:45PM-2:00PM
Application of Artificial Intelligence for the Success of Supply	17	2:00PM-2:15PM
Chain Operations In the Age of Data Analytics		2.001 WI-2.131 WI
Smart GuardianChain: A Solution Based on Blockchain	235	0.4503.5.0.0053.5
Technology for Ensuring Security of E-Health Records in a		2:15PM-2:30PM
Smart Environment		

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💡 Uttaranchal University, Prem Nagar, Dehradun-248007, Uttarakhand, INDIA



Track '4'

Session Chairs- Dr. S Choudhury & Dr. Dolly Sharma Session Coordinator- Mr. Devendra Singh Date- 3<sup>nd</sup> May 2024 Time- 2:00PM-6:00PM

**Venue- Division of Research & Innovation Building (Room No. 201) Mode of Presentation (Hybrid Mode)** 

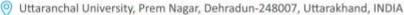
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Paper Title	Paper ID	Time
Low Power Estimation for Multibit Memory Writing and Reading in Hardware Chip Design	399	2:00PM-2:15PM
Enhancing the Performance of Wireless Ad-Hoc Network: Through TCP/IP Protocols	458	2:15 PM-2:30 PM
Exploring the Growth of Blockchain Literature: Insights from 2016 to 2024	519	2:30 PM-2:45 PM
MANA Cryptocurrency: Transactional Dynamics & Financial Metrics Study	520	2:45 PM-3:30 PM
A Comprehensive Review of CNN-based Recommendation Systems	552	3:30PM-3:45 PM
Data Driven Decision Making in Insurance	557	3:45 PM-4:00PM
ENERGY SECTOR AND CARBON TRADING IN THE FUTURE: A REFERENCE TO INDIA	558	4:00PM-4:15PM
Decoding the Script: A Bi-LSTM Based Journey into Doctor's Handwriting for Precise Prescription Understanding	587	4:15 PM-4:30PM
Smart Predictors: Forecasting ElectricityConsumption using Machine Learning	624	4:30PM-4:45PM
Preparation structure analysis and antibacterial properties of iron complexes mixed with 8 hydroxyquinonline and some amino acids	637	4:45PM-5:00PM
Detecting Email Fraud Attacks Using Ensemble Machine Learning Method	658	5:00PM-5:15PM
Fog Computing: An Emerging Paradigm for Edge Intelligence and Efficient Data Processing	687	5:15PM-5:30PM
Detecting adversarial examples using constraint-based learning	778	5:30PM-5:45PM
Plant Disease Detection using Convolutional Neural Network	779	5:45PM-6:00PM

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Track '5'

Session Chairs- Dr. N. Prashanti & Dr. Vinod Kumar Session Coordinator- Mr. Shailendra Tiwari Date- 3<sup>nd</sup> May 2024

Time- 2:00PM-6:00PM

**Venue- Division of Research & Innovation Building (Room No. 202) Mode of Presentation (Hybrid Mode)** 

MS Team Meeting Link- https://teams.microsoft.com/l/meetup-

join/19%3ameeting NjQ0MGYxZmQtZDcxZi00OTdmLWE4NDMtZDhlMGY0ZTkxYzU4%40thread.v2/0?c ontext=%7b%22Tid%22%3a%22429ee58c-0714-4d59-b5f7-

eba6428b60b9%22%2c%22Oid%22%3a%2207b47a5d-3d62-4724-9e86-9c20dff0a97b%22%7d

Paper Title	Paper ID	Time
Monitoring Clinical Parameters through Machine	782	2:00PM-2:15PM
Learning and Image Processing		2.00FWI-2.13FWI
World Coin Currency Detection: A Comparative Study of	374	2:15 PM-2:30 PM
Machine Learning and Deep Learning Algorithms		2:13 PM-2:30 PM
A Critical Analysis of Object Tracking Using Radial	375	2.20 DM 2.45 DM
Function Networks		2:30 PM-2:45 PM
Evaluation On the Role of Machine Learning Exposing	376	2.45 DM 2.20 DM
Students to More Recent Opportunities		2:45 PM-3:30 PM
The Impact of Digital Workforce and Robotics in	373	2 20DM 2 45 DM
Ubiquitous Technology		3:30PM-3:45 PM
Degradation trend identification and analysis of class-F	438	2 45 DM 4 00DM
winding using experimental and fuzzy inference system		3:45 PM-4:00PM
Hy_PSO: Hybrid Algorithm for Lung Cancer Diagnosis and		4:00PM-4:15PM
Prognosis	379	4.00FWI-4.13FWI
IoT Intervention in the monitoring of aquaponics metrics and control	1.6	4:15 PM-4:30PM
of input schedule  Measurement of Tilting Status of Electric Pole Using Internet of	16	
Things	21	4:30PM-4:45PM
IoT-Based remote monitoring and control system for controlled		4:45PM-5:00PM
environment precision farming of saffron	15	
Internet of Things enabled Automatic meter reading	19	5:00PM-5:15PM
Node MCU and Lily Pad based Relay Protection System For		5:15PM-5:30PM
Laboratory Micro-Grid	20	
KOA Management in CDS using AI: A Review	323	5:30PM-5:45PM
Fog Restoration in Hazy Images using Deep Transfer Learning	382	5:45PM-6:00PM

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