IIS (DEEMED TO BE UNIVERSITY) JAIPUR
International Conference on AI System and Sustainable Technologies
(IISU-ASSET 2025)
28-29 March 2025
Department of CS & IT, IIS (deemed to be UNIVERSITY), Jaipur
Dav Wise Session Schedule

Date: 28th March 2025
Oral Presentations Session I
OP I CS 1:
4:15 pm - 5:45 pm
Concurrent Session I (Session Coordinators: Dr. Harshita Bhargava and Dr. Sreemoyee Chatterjee)
Venue- AV Hall
Session Link:
https://us06web.zoom.us/j/84627785764?pwd=OW3bhrqqooyfl9EhMhmmFt5YQXHBb4.1
Meeting ID: 846 2778 5764
Passcode: iisu#123

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-18	115	AI-Driven Handwriting Synthesis Through Deep Learning with RNN, LSTM and Mixture Density Network	Vinit Kakde, Ashwini Lokhande, Rakesh Ramteke
2.	OP-19	116	Speech Synthesizer in Marathi Language for Primary Education	Ghanshyam Ramteke, Rakesh Ramteke, Mohammed Rashed Ali, Akram Alsubari
3.	OP-21	127	Analysis Human Action and Activity (HRA) for Video Using CNN and LSTM approach	Rakesh Gedam, Ameya R. Ramateke, Rakesh Ramteke
4.	OP-25	133	A Data-Driven Aircraft Health Monitoring System: IoT Integration, Predictive Maintenance, and Cybersecurity Validation	Kushagra Narang, Jhanvi Chaturvedi, Sasikumar Periyasamy
5.	OP-52	178	Bridging Humans and Machines: Insights into HGR Systems	Satender Singh, Priyanka Mathur
6.	OP-67	233	Predicting Sustainable RPA Adoption in Academic Administrator: An Enhanced UTAUT-3 Model	R.K. Tailor
7.	OP-72	288	The Role of Employee Experience in Technology Development: Extending UTAUT-3 to Innovation Contexts	Albattat, Ahmad, R. K. Tailor, Ravinder Rena, Nina Poyda-Nosyk, Manisha Soni, Navneet Sharma
8.	OP-63	205	An Optimized Machine Learning Model for Network Intrusion Detection	Nikhil Vijay, Swati Mittal, Chandra Prabha Jain, Megha Rathore, Kusum Rajawat
9.	OP-5	21	Enhancing Satellite Telemetry Monitoring with Machine Learning: A Comprehensive Study of Anomaly Detection Techniques	Vipin Jain, Charu Sharma, Maitreyi Dixit
10.	OP-45	163	Emerging Dominance of AI-Generated Influencers in Product Marketing: Evidence from Indian Market	Anjali Shukla, Abdullah Malik, Reji Meprathe, Soumya Sirsali, Srikrishna Swaroop VT, Salini Suresh

Date: 28th March 2025

 Date: 28th March 2025

Date: 28th March 2025
Oral Presentations Session II
OP I CS 2:
4:15 pm - 5:45 pm
Concurrent Session II (Session Coordinators: Dr. Deepshikha Bhatia and Dr. Akansha Khandelwal)
Venue – Meeting Room

Session Link: Join the meeting now
Meeting ID: 445 543 507 49
Passcode: 6Cw3R6FE

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-12	47	Arrhythmia Classification: Deep Learning and Machine Learning approach	Archana H Telgaonkar, Jayshri D. pagare
2.	OP-13	65	Health risk prediction and prevention using ML techniques	Nana Kone, Saumya Singh, Mosaib Noor, Nikhil Ranjan
3.	OP-14	91	Hybrid Model for Enhanced Player Behavior Analysis and Grey Area Identification	Girish Kannan, Sriram Sankaran
4.	OP-15	93	RSTS: A Novel Approach to Preprocessing for Alzheimer's Detection Using MRI	Ketna Khanna, Esha Khanna
5.	OP-17	113	Decoding Hate: A Review of Identifying Hateful Content in Gujarati and Other Under-Resourced Indic Languages on Social Media	Payal Chauhan, Paresh Virparia
6.	OP-20	119	Leveraging DCGAN for Synthetic Devanagari Handwriting Generation	Ashwini B.Lokhande, V.A. Kakde, R.J.Ramteke
7.	OP-22	128	Sustainable investment practices for a greener future: A Literature review	Ritika Sharma, Swati Jain, Harshita Sharma
8.	OP-23	130	Solving Devanagari CAPTCHA: Recognition Techniques and Performance Analysis	Anita Dube, Ghanshyam Ramteke, Rakesh Ramteke
9.	OP-24	131	Cognitive Architecture: A Study of Adaptive Control of Thought- Rational (ACT-R) in AI Perspective	Priti Sharma, Rakesh Ramteke , Nitish Yashvant Suryvansh, Shaikh Abdul hannan
10.	OP- 70	262	Analyzing the Diagnosis and Treatment of Astrocytoma,Oligodendroglioma and Glioblastoma: A Systematic Review	Yuvika Singh, Manjula Shanbhog, Kuljeet Singh

Date: 28th March 2025
Oral Presentations Session III
OP I CS 3:
4:15 pm - 5:45 pm
Concurrent Session III (Session Coordinators: Mr. Rajaneesh Chaturvedi and Dr. Anju Sharma)
Venue –Lab B
Session Link: Join the meeting now
Meeting ID: 482 291 386 629
Passcode: fd6iu2Ps

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-28	138	Applying the Threat Modeling for Sustainable AI in Healthcare Systems: A Case Study Based Approach	Ashish Kumar Dwivedi, Vikas Bajpai, Anubha Jain
2.	OP-30	141	Enhanced Emotional Speech Recognition with CNNs: Leveraging MFCC, RMS, and ZCR for Improved Accuracy	Binayak Ojha, Samir Kumar Majhi, Rahul Kumar Gupta, Suman Bashyal, Navin Shah, Prasant Kumar Dash
3.	OP-31	142	Hybrid N-Gram and LSTM Feature-Based Model for Detecting Smart Contract Vulnerabilities	Shankar Gugulothu, Nandhini M.
4.	OP-32	143	Vittles Recipe Recommender: A Gourmet Food Guide with Leftovers	Aakanksha Jain, Yogesh Jethani, Yuval Pachal
5.	OP-33	145	Improving Speech Emotion Recognition with Advanced Deep Learning Frameworks	Aman Pradhan, Mukul Aggarwal, Apoorv Shuklal, Nitish Shukla, Atul Gupta, Amita Sharma
6.	OP-35	151	Malware Detection Using Machine Learning	Ankesh Kumar, Anish Raj, Rahul Kumar
7.	OP-36	152	Churn Sage: Leveraging Machine Learning and Explainable AI for Enhanced Customer Retention	Disha Sharma ,Satyam Kumar, Chiranjeev Kumar Singh, Shivam Kumar, Anshul Gautam,
8.	OP-37	153	Android Dynamic Malware Analysis	Anunay Anand, Md. Shahroz, Nikhil Ranjan, Deepshikha Bhatia
9.	OP-47	167	Empowering Business Mathematics Learners: Leveraging Generative AI for Academic Excellence	A Sakthivel, , Srikrishna Swaroop V T, Abdullah Malik, Reji Meprathe, Salini Suresh, Anjali Shukla
10.	OP-60	196	A Comprehensive Survey on Approaches of Text Summarization – A Multimodal View	Samina Mansuri, Ankit Shah

Date: 29th March 2025
Oral Presentations Session IV
OP II CS 1:
9:00- 10:30 am
Concurrent Session IV (Session Coordinators: Dr. Amita Sharma and Dr. Sreemoyee Chatterjee)
Venue –A.V. Hall
Session Link:
https://us06web.zoom.us/j/84627785764?pwd=OW3bhrqqooyfl9EhMhmmFt5YQXHBb4.1
Meeting ID: 846 2778 5764
Passcode: iisu#123

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-8	29	Understanding Cyber Threats and Mitigations in Smart Homes with MITRE ATT&CK Framework	Priyanka Nama, Reena Dadhich
2.	OP-55	184	A Comprehensive Review of Design and Development of Age Estimation and Gender Prediction Using Machine Learning	Sonu Mittal, Bhawna Kumari
3.	OP-6	27	Machine Learning Techniques for Workload Prediction and Energy Management in Cloud Resource Management: A Comprehensive Review	Vaishali Mehta, Anu Gupta
4.	OP-7	28	Predicting Concrete Compressive Strength Using Machine Learning A Comparative Analysis of Models with Feature Engineering	Peddi Praharshita
5.	OP-10	34	CDPS transfer to GCP a regular backup monitoring automation in cloud environment	Deepika Saxena, Nisha Bhati, Gitisha Khandelwal, Avishka Bishnoi
6.	OP-16	100	STEAM and AI: Tool for teach physics.	Chandan Pal Singh, Serik Zharmukhanbetov,Khadisha Abdrakhmanova,Ganiya Ormanova, Zhetpisvayeva Gulzhan
7.	OP-29	140	Leveraging AI for Interactive 3D Visualizations and Immersive Simulations of Sustainable Practices in Urban Planning	Deepak Giri, Jitendra Sharma
8.	OP-34	148	Harnessing Artificial Intelligence and Machine Learning in English Language Teaching :Trends and Applications	Fennila James S., Mercy Gnana Gandhi S, Augustian Isaac R, Sundaravadivel P.
9.	OP-38	154	Evaluating Predictive Maintenance with Multiclass Categorical Data Constraints: A Comparative Analysis	Manushree Shah, Monika Sharma, Arjun Majumdar
10.	OP-74	263	AI in Medical Imaging Informatics, Present Challenges and Future Prospects	Poonam Misra, Neha Tiwari , Amita Sharma

Date: 29th March 2025
Oral Presentations Session V
OP II CS 2:
9:00- 10:30 am
Concurrent Session V (Session Coordinators: Dr. Astha Pareek and Dr. Ruchi Singh)
Venue – Meeting Room
Session Link:
Join the meeting now
Meeting ID: 445 543 507 49
Passcode: 6Cw3R6FE

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-39	155	Music Recommendation System Using Facial Expression Recognition	Pragati Parmar
2.	OP-40	157	Enhancing Patient-Provider Interaction: Next-Generation IoT Architectures for Seamless Remote Health Monitoring	Diksha Agarwal, Sanjay Tejasvee
3.	OP-41	158	SKMT An Intelligent and Effective Key Management Approach for Securing the Internet of Things	Sudharsan M, Kavitha V, Prakash K, Salini Suresh N.
4.	OP-42	159	Machine Learning based Classifier Synthetic Minority Oversampling Technique for Breast Cancer Detection	Anil Kumar Suthar, Vishal Patel,Kalpesh Patel, Astha Pareek
5.	OP-43	161	A Comprehensive Review on Design and Development of IoT based Prospective Care and Remote Patient Monitoring System	Ananya Agrawal, Sonu Mittal
6.	OP-44	162	AI-Powered Cybersecurity Strategies for Renewable Energy Systems: A Comprehensive Review.	Rishika Singh, Kartik Sharma
7.	OP-48	168	Efficient Management of Concurrent Bluetooth Connections on a Single Device: Techniques and Challenges	Reshma Khan, Suresh Kaswan, Amita Chaudhary
8.	OP-50	171	Small But Mighty: A Comparative Review of Small Language Models and Their Advantages	Reshma Khan, Suresh Kaswan, Neelamani Samal, Rabbina Bagga, Parul Goyal, Lisha Yugal
9.	OP-59	195	Efficient Load Balancing Strategies in Multi-Tier Cloud-Edge Computing System	Reshma Khan, Suresh Kaswan, Nabeel Akhtar, Kamal Preet Singh, Ashisraj Nayak, Mehul Sardana, Yogit Malethia

Date: 29th March 2025
Oral Presentations Session VI
OP II CS 3:
9:00- 10:30 am
Concurrent Session VI (Session Coordinators: Dr. Navneet Sharma and Dr. Ruchi Singh)
Venue – Lab A
Session Link:
Join the meeting now
Meeting ID: 482 291 386 629
Passcode: fd6iu2Ps

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-46	166	Enhancing 5G wireless Network quality of service through Efficient allocation of resources	Lakshika Saroha, Yogesh Chaba, Krishan Kumar
2.	OP-49	170	Enhancing Security, Efficiency and accessibility using Blockchain in Education Sector	Parveen Kumar, Sanjiv Kumar Rana
3.	OP-51	175	Artificial Intelligence (AI): An Enhancement of Environmental Sustainability during the Pandemic in Modern Era	Sakshi Gautam, Sanjay Tejasvee
4.	OP-53	181	A Trust framework based on Social Network Analysis for Distributed Agile software development	Esha Khanna, Rashmi Popli, Naresh Chauhan
5.	OP-54	182	AI-Driven Dermatology: A Study on Skin Disease Identification through Advanced Medical Imaging	Mayur Deshmukh, Rajkumar Jagdale, Rahul Papalkar
6.	OP-56	185	Comprehensive Review on Waste Management System using Machine Learning and Deep Learning Algorithms	Hard Gondaliya, Vaishnavi Choubey, Jash Bhurakhaya, Hemant Gianey
7.	OP-57	187	Augmented Realty: A Road to Enhanced Customer Engagement in Banking	Jyoti Mehndiratta Kappal, Mugdha Mujumdar, Suman Madan, Neha Parashar
8.	OP-58	193	Optimized Image Preprocessing for Improved OCR Accuracy in Food Label Text Recognition And Product	Aashka Patel ,Yuval Panchal, Aakanksha Jain
9.	OP-59	195	Efficient Load Balancing Strategies in Multi-TierCloud-Edge Computing System	Reshma Khan, Suresh Kashwan,Nabeel Akhtar, Kamal Preet Singh, Ashisraj Nayak, Mehul Sardana, Yogit Malethia

Date: 29th March 2025
Oral Presentations Session VII
OP III CS1:
12:00 Noon- 1:00 pm
Concurrent Session VII (Session Coordinators: Dr. Harshita Bhargava and Dr. Akansha Khandelwal)
Venue –Meeting Room
Session Link:
Join the meeting now
Meeting ID: 445 543 507 49
Passcode: 6Cw3R6FE

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-1	2	The Role of AI and Machine Learning in VFX: Revolutionizing Automation and Realism	Sandeep H. Bhokare Siddhantkumar Vasantrao Wadmare
2.	OP-2	14	Real Time Network Monitoring: Integrating Machine Learning and custom Packet Sniffer using Python	Ashvin Antony Jomon, Ramesh Chandra Poonia
3.	OP-26	134	Neural Network Coordinates: A Python Package for Studying Artificial Neural Networks	Caxton Emerald S, Vengattaraman T.
4.	OP-27	136	Interpretable Neural Network Design for Approximating the Generalized Absolute Value Function	Caxton Emerald S, Vengattaraman T.
5.	OP-61	199	Algorithmic and software of the system for assessing the risks of process disruption based on recognition of the emotional state of the electrical installation operator	Diana Radikovna Bogdanova, Diana Bogdanova, Gyuzel Shakhmametova, Suresh Kaswan, Ruchi Nanda
6.	OP-62	200	System for recognizing thyroid neoplasms from ultrasound scan images	Gyuzel Shakhmametova, Diana Bogdanova, Sofya Klimets
7.	OP-64	207	Automated Blood Cell Image Analysis for Cancer Detection	Pavitha Nooji, Jayendra Jadhav, Sneha Thakkar, Laxmi Khengare, Shriyog More, Samruddhi Yadav
8.	OP-65	209	Autonomous Vehicle License Plate Image Restoration and Recognition: A Comparative Analysis	Divya Sharma, Shilpa Sharma, Vaibhav Bhatnagar
9.	OP-66	212	Integrating Artificial Intelligence and Predictive Analytics for Optimal Diagnosis in Healthcare	Vanmathi C., Neelu Khare, Mangayarkarasi. R.

Date: 29th March 2025
Oral Presentations Session VIII
OP III CS2:
12:00 Noon- 1:00 pm
Concurrent Session VIII (Session Coordinators: Mr. Rajaneesh Chaturvedi and Dr. Ruchi Singh)
Venue –Lab A
Session Link:
Join the meeting now
Meeting ID: 482 291 386 629
Passcode: fd6iu2Ps

S.No.	OP	Paper Id	Paper Title	Author/Presenter
1.	OP-3	16	Design and Simulation of IoT-Enabled Machine Learning Control Systems for Smart Factories	Dankan Gowda V, Avinash Sharma, Chandrasekhar Rao Katru, Nidal Al Said, Madan Mohanrao Jagtap, Rini Saxena
2.	OP-4	18	Signal Processing and Data Enhancement in IoT-Driven Healthcare Systems Using Deep Learning	Dankan Gowda V, Avinash Sharma, C.R.Vijay, Munikrishnaiah Sunderuaramaiah, Brajesh Kumar Sharma,Sir Padampat, Rini Saxena
3.	OP-9	30	Development of Techniques to Retrieve Lost Data During Cyber Attack	Amruta Hegde, Eshwari G, Munawar Ahemad, Sanjeevakumar M. Hatture
4.	OP-11	36	Evaluating the Impact of Artificial Intelligence on Achieving Economic Sustainability Goals	Ashwani Kumar, Jyoti Kataria
5.	OP-68	237	Predicting Synthetic Diamond Prices using Advanced Regression Fusion	Tushar Soni, Sourabh Singh Verma, Sonali Vyas
6.	OP-69	248	Transfer Leaming Approach for Melanoma Skin Cancer Detection	Neelu Khare, Nanshu Agarwal, Vanmathi C., Sai Dixit Vila.
7.	OP-71	274	Advancing Lung Cancer Detection: Integrating Ensemble Learning and Grad-CAM for Histopathological Microscopic Image	Rahul Mishra, Satya Prakash Sahu
8.	OP-73	251	Review of Sentiment Analysis through Chatbot on Student Feedback	Dilraj Kaur
9.	OP-75	270	Comprehensive Review on the Development of Human Disease Prediction Models Using Deep Learning Techniques and Symptom-Based Analysis	Sujata Ambhore
10.	OP-76	243	Enhancing Security and Resilience in AI-driven Authentication: A Dynamic Password Hashing Scheme Using Chaotic Tent Map	Suparn Patra , Mamta Rani