



2nd International Conference on Recent Advances in Engineering and Computer Applications (ICRAECA-2025)

DAY-1

24th Jan 2025 | Friday

Organized by

LJ School of Computer Applications
LJ University, Ahmedabad, India

In Association with

IFERP Academy

Academic Partner

Shinawatra University
Thailand

Explore your Research Journey with **IFERP**



08:45 AM – 09:29 AM

Breakfast

LJIAS Basement



09:30 AM – 10:54 AM

Inaugural program

Engineering Auditorium - LJJET



10:55 AM – 11:59 AM

Technical Session

Engineering Auditorium - LJJET



12:00 PM – 01:29 PM

Paper Presentation (Morning)

Paper Presentation - LJICA Building



01:30 PM – 02:14 PM

Lunch Break

LJIAS Basement



02:15 PM – 03:45 PM

Paper Presentation (Morning)

Paper Presentation - LJICA Building

Track: 1

Session: 1

Mode: Hybrid

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
1	ICRAECA_LJU_0660	Socializing NLG, NLP & NLU Through AI: Real- World Application and Future Perspective	CA	Keval Shah	Dr.Jignesh Doshi	LJ University	Gujarat	Physical
2	ICRAECA_LJU_0269	Development of Nearly Linear-Phase IIR Filters: A Comprehensive Design Approach	ECE	Pallavee Jaiswal	Saurabh Mitra	Dr. C.V. Raman University	Chhattisgarh	Virtual
3	ICRAECA_LJU_0011	Trend Analysis And Forecasting Of Rainfall Pattern In India Using Machine Learning Techniques	ECE	I Prathibha	Dr. D. Leela Rani	JNTU Anantapur	Andhra Pradesh	Virtual
4	ICRAECA_LJU_0550	Transforming Education and Healthcare through Machine Learning: Challenges, Opportunities and Future Directions	LJCA	Uzma Saiyed	Jignesh Doshi	LJ University	Gujarat	Physical

Track: 1

Session: 2

Mode: Hybrid

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
5	ICRAECA_LJU_0075	LegalAdvisor: A LLM Based Chatbot	AI & DS	Sanskriti Deshmukh	Shweta Kambare	Vishwakarma Institute of Technology Pune	Maharashtra	Virtual
6	ICRAECA_LJU_0481	A Study on Thermal Performance and Comfort of a Multi-storied Building	Civil	Dr M.Ponni		Meenakshi Sundararajan Engineering College	Tamil Nadu	Virtual
7	ICRAECA_LJU_0314	Enhancing Animal detection and rescue systems by using Artificial Intelligence	IMCA	Prof Sejal Bheda	Dr Sarman Hadai	Lj institute of Computer Application	Gujarat	Physical
8	ICRAECA_LJU_0096	Fake News Identification Through LSTM: In Indian Context	LJCA	Sejal Kag	Aditi Gandhi	LJ University	Gujarat	Physical

Track: 2

Session: 1

Mode: Hybrid

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
	ICRAECA_LJU_0784	Extended IoT: Assessing Healthcare systems with Cyber security Perspective	LJ School of computer Application	Meet Panchal	Janit Patel	L J University	Gujarat	Physical
1	ICRAECA_LJU_0017	Quantum-Safe Cryptography: Evolution of Encryption Techniques	CSE	Bhargav Chiramdasu	P.V. Sivarambabu	KL University	Andhra Pradesh	Virtual
2	ICRAECA_LJU_0499	Analysis of Digital Wellbeing Parameters Among Youth	Computer Science	Drashti Goswami	Mahesh Mulani	Krantiguru Shyamji Krishna Verma Kachchh University	Guajarat	Virtual
3	ICRAECA_LJU_0132	Unboxing the realities of Metaverse: A virtual intelligence	LJCA	Arnold Macwan	Yash Shah	LJ university	Gujarat	Physical
4	ICRAECA_LJU_0580	Design and Implementation of a Job Skill Entity Recognition (JSER) for Custom Entity Annotation using Trie Structure	BCA	Pareshkumar Ravindrabhai Prajapati	Prof Sandeep Vasant	MK Institute of Computer Studies Bharuch Gujarat India	Gujarat	Physical

Track: 2

Session: 2

Mode: Hybrid

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
5	ICRAECA_LJU_0501	Exploring Educational Inequality and Gender Gaps in India: A Comprehension Review and Analysis	LJICA	Dr. Anuradha Acharya	Tapan Adeshara	Lok Jagruti Kendra University	Gujarat	Physical
6	ICRAECA_LJU_0267	Studies on Micro Milling Processes Using Micro End Mill Tools : Experimental Insights	Mechanical Engineeirng	Vipul Prabhakar Rathod	Dr. Sandeep Haribhau Wankhade	AISSMS COE, Pune	Maharashtra	Virtual
7	ICRAECA_LJU_0479	Design Of Efficient ALU Using QCA Technology	ECE	Chandrasekaran Arumugam	Haris Thiruchelian	Kongu Engineering Collge	Tamil Nadu	Virtual
8	ICRAECA_LJU_0543	Traversing the Digital Landscape for Busines Growth:A Comprehensive study of innovative Strategies and Trends in Digital Marketing	IMCA	Saiyad Ajamali	Dr Meetu Joshi	L J University	Gujarat	Physical

Track: 3
Session: 1
Mode: Hybrid
Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
1	ICRAECA_LJU_0280	Deep Fake Detection Technique	MSC IT	Om Trivedi	Lajja Shah, Kanisha Shah, Pal Surani	L J University	Gujarat	Physical
2	ICRAECA_LJU_0121	A Survey on Early Detection of Alzheimer's Disease by employing Machine Learning and Deep Learning	CE	Margi Patel	Dr. Kaushal Jani	Indus University	Gujarat	Virtual
3	ICRAECA_LJU_0500	Robotic Based Traffic Control Model in IAAS: An Enhanced Public Cloud Service	LJICA	Dr.Anuradha Acharya	Nagar Hansal	Lok Jagruti Kendra University	Guajarat	Physical
4	ICRAECA_LJU_0377	Comparative Study of Machine Learning and Deep Learning Approaches for Identifying AI-Generated Content	CSE	Dev Kharthik A P	Suvalakshmi K	Kongu Engineering College	Tamil Nadu	Virtual

Track: 3

Session: 2

Mode: Hybrid

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
5	ICRAECA_LJU_0567	A Machine Learning Approach for Personalized Course Recommendation Systems for Learners	Computer Engineering	Anu Thomas	Gayatri Pandi	Lok jagruti kendra University	Gujarat	Physical
6	ICRAECA_LJU_0025	Safe Url Detection With Privacy Using Machine Learning And Cryptography Techniques	CSE	Madhavan V	Dr. G. Paavai Anand	SRM Institute of Science and Technology	Tamil Nadu	Virtual
7	ICRAECA_LJU_0078	Diabetic Retinopathy Classification using CNN	Computing Technologies	Yash Kulkarni	Hardik Mamgain	SRM Institute of Science and Technology	Tamil Nadu	Virtual
8	ICRAECA_LJU_0782	Transforming Big Data into Smart Data: Deriving Value via Harnessing Volume, Variety, and Velocity Using Semantic Techniques and Technologies and Opportunities	imscit	Maya Pandya	Dr Shanti Verma	L J University	Gujarat	Physical

Track: 4

Session: 1

Mode: Hybrid

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
1	ICRAECA_LJU_0699	Analysis on Crypto Art in NFT and Impact on Marketplace	MSC-IT	Panchal Parth	Gupta Dev	L J University	Gujarat	Physical
2	ICRAECA_LJU_0253	Autonomous Safety System For Water Bodies Accidents	ECE	Mohammad Sadiq	Kunisetty Venkata Naga Pavan Sai Akhil	Velagapudi Ramakrishna Siddhartha Engineering College	Andhra Pradesh	Virtual
3	ICRAECA_LJU_0586	Forecasting Stock Prices: Endeavors in the Renewable Energy Sphere for a Greener Future	LJCA	Sarfaraj Patel	Dr. Jignesh Doshi	L J University	Gujarat	Physical
4	ICRAECA_LJU_0458	Optimizing Search Engine Optimization to Boost Sales and Achievement of Marketing Goals	MSC IT	Shah Disha Abhay	Nandani Aarti Pravinbhai	Lok Jagruti Kendra University	Gujarat	Physical

Track: 4

Session: 2

Mode: Hybrid

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
5	ICRAECA_LJU_0097	An Extensive Review of LLaMA and BERT Applications in the Legal Field.	AI & DS	Dhruv Pai	Sanika Karulkar	Dr DY Patil Institute of Technology Pimpri Pune	Maharashtra	Virtual
6	ICRAECA_LJU_0061	AI-Driven Detection of Plant Disease: A Deep Learning Approach for Environmental Sustainability	CSE	Vaibhav Dwivedi	Nishant Singhal	SRM Institute of Science and Technology	Tamil Nadu	Virtual
7	ICRAECA_LJU_0604	A Systematic Review On Role Of AI In Education Reform Policy Implications	IMCA	priyanka Mehta		LJ University	Gujarat	Physical
8	ICETMP_LJU_0056	Navigating Cyber Assault and Protection	MSC IT	Urvika Utsav Soni	Munjalsinh Pradeepsinh Rathod	LJ University	Gujarat	Physical

Track: 5

Session: 1

Mode: Hybrid

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
1	ICRAECA_LJU_0579	“GujStem” - An Exhaustive Finite State Transducer based Morphological Gujarati Stemmer	CSE	Jaideepsinh Raulji	Sandeep Vasant	Navrachana University Vadodara	Gujarat	Physical
2	ICRAECA_LJU_0202	Diagnosing of eye related disease using deep learning algorithm	ECE	Dr R Pushpavalli	Sanjay G	Paavai Institutions	Tamil Nadu	Virtual
3	ICRAECA_LJU_0490	A Comparative Analysis of Voice Assistants	LJCA	Prapti Khamar	Vishruti Modi	LJ University	Gujarat	Physical
4	ICRAECA_LJU_0344	Automated Overhead Tank Management System Using LabVIEW	ETE	Dr surekha Tadse	Bhavesh Mohod	G H Rasoni College of Engineering	Maharashtra	Virtual

Track: 5

Session: 2

Mode: Hybrid

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State	Mode
5	ICRAECA_LJU_0284	An IoT-based Hypoxemia Monitoring and Alarming System	Applied Electronics and Instrumentation Engineering	Soumya Roy	Rajib Manna and Moumita Sahoo	Haldia Institute of Technology	West Bengal	Physical
6	ICRAECA_LJU_0186	Monitoring Wild Animals to Safeguard Civilians : An AI Powered Solution	IMCA	Arshil Shah	Honey Patel and Pratvi Soni	LJ University	Gujarat	Physical
7	ICRAECA_LJU_0302	Design of Skin patchable electromagnetic biosensor for non invasive glucose monitoring	ECE	Gokul raj L	Jashima Hasin J, Khaushik B S, Kavitha N S	Kongu Engineering College	Tamil Nadu	Virtual
8	ICRAECA_LJU_0333	Quantum Kmeans Clustering Algorithm: Comparative Analysis With Classical Algorithm	CSE	Savitha Narayanamoorthy	Dr K Subathra Harish VP	Sri Sairam Engineering College	Tamil Nadu	Virtual

Track: 6

Session: 1

Mode: Virtual

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJU_0516	Survey of review spam detection and identifying opinion leaders in social networks.	Computer Science	Bhumika Jayantilal Patel	Dr Hardik Joshi	Gujarat University	Gujarat
2	ICRAECA_LJU_0357	Soil texture and moisture estimation using loop generation technique deep neural network	IT	Seema Wankhade	Dr Anjali Raut	Government College of Engineering Amravati	Andhra Pradesh
3	ICRAECA_LJU_0234	Enhancement Of Chacha20 Algorithm Applied In Resource Constrained Devices	IS & TM	Mark Daniel T Cristoles	Sean Klarenz R Barroga	Pamantasan ng Lungsod ng Maynila	Philippines
4	ICRAECA_LJU_0569	Design, Analysis and Optimization of Pressure Vessel: A Review	Mechanical Engineering	Patel Nayankumar Sanjaybhai	Nitesh Patel	Parul University	Gujarat

Track: 6

Session: 2

Mode: Virtual

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
5	ICRAECA_LJU_0637	Real-Time Facial Recognition in Video Streams Using Machine Learning: Techniques and Applications	CA	Ravi Pawar	Dr Ravi Shankar Sharma	Rabindranath Tagore University Bhopal	Madhya Pradesh
6	ICRAECA_LJU_0139	IoT-Driven Smart Solutions for LPG Leak Detection and Safety Management	CSE	Aditya Dandare	Dr Sonali A Patil	G H Rasoni College of Engineering and Management	Maharashtra
7	ICRAECA_LJU_0278	AI-ML Based Intelligent De-Smoking/De-Hazing Algorithm	AI & DS	Mr. D. Pavunkumar	Sasikumar B, Pragatheeshwaran T, Sathiyarayanan G, Saravana Perumal B	Erode Sengunthar Engineering College	Tamil Nadu
8	ICRAECA_LJU_0034	Enhancing Accessibility for People with Attention Deficit Hyper-active Disorder through Text Summarization	Computing Technologies	Harikrishnan S	Gopi krishnan R	SRM Institute of Science and Technology	Tamil Nadu

Track: 7

Session: 1

Mode: Virtual

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJU_0135	Hybrid Frequency-Domain and Machine Learning Framework for Image Noise Classification and Adaptive Restoration	Engineering	Aakanksha Jain	Dr Harshal Arolkar	GLS University	Gujarat
2	ICRAECA_LJU_00010	The Impact of Digital Marketing Capabilities on Firm Performance: A Study of Micro and Small-Scale Industries in the Textile Sector of Haryana with Mediating Effects of Competitive Advantage and Value Creation, and Moderating Effects of Digital Leadership	Mgmt	Ms. Preeti	Dr. Pardeep Kumar Dr. Tanu	University School of Business Chandigarh University	Chandigarh
3	ICRAECA_LJU_0227	Exploring the Multidimensionality of Cyberterrorism Vulnerability Behavior among Millennial Employees in the Government A Sequential Mixed Methods Approach	DPA	Lyn Marie C Centeno	Glenn B Lagura DPA	University of Mindanao	Philippines
4	ICRAECA_LJU_0506	Comparative Analysis of Machine Learning Algorithms for Autism Spectrum Disorder Detection	CS	G Divya	Bharahidasan University Avvm Sri Pushpam College	Tamil Nadu	Gujarat

Track: 7

Session: 2

Mode: Virtual

Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
5	ICRAECA_LJU_00100	Review of Real-Time Crop Monitoring using User-Centric Visualisation Interface : Minimizing Usability Challenges for Non-Expert Farmers in Precision Agriculture.	CSE	Lingareddy Chaitanya Chakravarti Reddy	Ankur Jain	VIT Bhopal University	Madhya Pradesh
6	ICRAECA_LJU_0449	A Study on the Role of Solar Dryers in Sustainable Agricultural Practices	MGMT	Prashant Pandit Bornare	Dr Adwait Manohar Vaidya	Institute of Management and Science Sakegaon	Maharashtra
7	ICRAECA_LJU_0250	Attribute-based cloud data integrity auditing for outsourced storage	CSE	Sree vidhya	Prathap 2.saranath rajaram 3. Venkatraghavan	Erode Sengunthar Engineering College	Tamil Nadu
8	ICRAECA_LJU_0041	RNN-Powered Predictive System for Heart Disease Prediction	CSE	M.Sesha Krishnan	M. Indumathy	SRM Institute of Science and Technology	Tamil Nadu

Track: 8

Session: 1

Mode: Virtual

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJU_0065	Integrating Machine Learning for Dynamic Demand Forecasting and Stock Control in Retail Supply Chains	CSE	Abhishek Dewan	Vishist Singh Solanki Aditya Upadhyay Kanika Rana	Chandigarh University	Chandigarh
2	ICRAECA_LJU_0304	Revolution in Distributed Energy Resources and Virtual Power Plants	Electrical	Vibha N Parmar	Kartik S Pandya	Charusat University	Gujarat
3	ICRAECA_LJU_0176	Enterprise Architecture in Higher Education Institution A Systematic Literature Review	Computer Science	Bagus Putu Pramana Putra	Prof. Spits Warnars Harco Leslie Hendric	Binus University	Indonesia
4	ICRAECA_LJU_0443	Experimental Study on the Behaviour of Model Piled Raft Foundation in Saturated Cohesive Soil Subjected to Inclined Compressive Loading	Applied Mechanics and Structural Engineering	Pratikkumar A. Parekh	Dr. Nitinkumar H. Joshi	The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India	Gujarat

Track: 8
Session: 2
Mode: Virtual
Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
5	ICRAECA_LJU_0265	Thermodynamic investigation of diffusion absorption refrigeration system using different fluid blend	Mechanical Engineeirng	Sreenesh Valiyandi	Gireeshkumaran Thampy	Cochin University of Science and Technology School of Engineering	Kerala
6	ICRAECA_LJU_0591	Assessing Pump Performance Using Laboratory Data and Artificial Intelligence Techniques	Mechanical Engineering	Rajendra Jibhau Pawar	Dr M P Ray	METs Institute of Engineering Nashik Maharashtra	Maharashtra
7	ICRAECA_LJU_0013	Crime Hotspot Detection and Future Crime Prediction using Machine learning	CSE	Parthiban R	Rammiya L, Thenmozhi S, Karthikeyan M	Erode Sengunthar Engineering College	Tamil Nadu
8	ICRAECA_LJU_0054	Deep Learning Framework for Comprehensive Multi-disease Detection in Retinal Images with CNN	CSE	B Rishikesh	Dr K Karthikayani	SRM Institute of Science and Technology	Tamil Nadu

Track: 9

Session: 1

Mode: Virtual

Time: 12:15 PM to 01:30 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJU_0066	Sequence-to-Sequence Learning for Audio Transcription: Leveraging Wav2Vec2 and Whisper	CSE	Ashutosh Kumar	Hariom Singh Kanika Rana	Chandigarh University	Chandigarh
2	ICRAECA_LJU_0392	From Text to Thinking: Generating Subjective Questions for assessing the Higher-order Thinking Skills using Deep Neural Networks	MCA	Dr Jay Nanavati	Dr Unnati Patel	Charotar University of Science and Technology	Gujarat
3	ICRAECA_LJU_0325	Security Aspects of Blockchain Technology– A Review	CSA	Poonam	Dr Bajrang Lal	DAV Institute of Management Faridabad	Haryana
4	ICRAECA_LJU_0143	Key drivers of cost overruns in public housing construction: A comprehensive categorization	Architecture	Thasneem Kahar	Dr Sumam Panjikanan Dr Anu V Thomas	APJ Abdul Kalam Technological University	Kerala

Track: 9
Session: 2
Mode: Virtual
Time: 2:15 PM to 04:15 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
5	ICRAECA_LJU_0140	Navigating Cryptographic Challenges: An In-Depth Review of Classical Algorithms in the Quantum Era	CE	Pratham Barve	Dr Shounak Sugave	MIT WPU Pune	Maharashtra
6	ICRAECA_LJU_0274	Biometric-Driven Class Attendance And Scheduling System	CSE	Savitha M	Pavithra B Pushpalatha D Shujuna B	Anna University Erode Sengunthar Engineering College	Tamil Nadu
7	ICRAECA_LJU_0597	A Study on Thermal Performance and Comfort of a Multistoried Building	Civil	Dr M Ponni		Meenakshii Sundararajan Engineering College	Tamil Nadu
8	ICRAECA_LJU_0024	Leveraging Advanced Machine Learning Architectures for Robust Speech Emotion Recognition	CSE	Sanjay K	Muthurasu N	SRM Institute of Science and Technology	Tamil Nadu



2nd International Conference on Recent Advances in Engineering and Computer Applications (ICRAECA-2025)

DAY-2

25th Jan 2025 | Saturday

Organized by

LJ School of Computer Applications
LJ University, Ahmedabad, India

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Shinawatra University
Thailand

Explore your Research Journey with **IFERP**



08:45 AM – 09:29 AM

Breakfast

LJIAS Basement



09:30 AM – 11:59 AM

Paper Presentation (Morning)

Paper Presentation - LJICA Building



12:00 PM – 12:29 PM

Lunch Break

LJIAS Basement



12:30 PM – 02:44 PM

Paper Presentation (Evening)

Paper Presentation - LJICA Building



02:45 PM

Valedictory program

Engineering Auditorium - LJIET

Track: 1

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0098	Harnessing Artificial Intelligence for Proactive Infection Control: A Review of Innovations and Challenges in Long-Term Care	IT	Bhanu Prakash Manjappasetty Masagali	NA	Leading Long Term Care Insurance Provider in USA	India
2	ICRAECA_LJ U_0354	Analysis of Factors Influencing Mobile Banking User's Awareness on Information Security	ISM	Regina Rolanda Wibowo	Gunawan Wang	Bina Nusantara University	Indonesia
3	ICRAECA_LJ U_0507	Advanced Brain Tumor Detection: A Dual-Model Framework for MRI Classification and Segmentation	CSE	Veeramachaneni Bindu	Alapati Nithika, Valike Sreenithya, Mopuri Kumudvini, Balmoori Shriya	Bvrit Hyderabad College of Engineering for Women	Telangana
4	ICRAECA_LJ U_0130	A New Era of Artificial Intelligence in Non-invasive Real Time 3D Human Pose Motion Tracking: A Scoping Review	Musculoskeletal Physiotherapy	Gurjeet Kaur	Dr. Irshad Qureshi, Dr. Sharath Hullumani, Dr. Raghuvveer Raghumahanti	Ravi Nair Physiotherapy College, Datta Meghe Institute of Higher Education and Research (DU)	Maharashtra
5	ICRAECA_LJ U_0316	Ontology-Guided Exploration for Indian Traditional Medicine Systems	CSE	M Gayathri	Jagadeesh Kannan R	Rajalakshmi Engineering College	Tamil Nadu
6	ICRAECA_LJ U_0056	Road Accident Severity Classification and Prediction using Machine Learning Techniques	CSE	Praveen V	Dr Golda Dilip	SRM Institute of Science and Technology	Tamil Nadu

Track: 2

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0257	Status of SDG implementation in context of Manual Scavenging in Gujarat	Social Work	Prof Jagdish Solanki	Ms Sharmishtha Solanki	Maharaja Sayajiroa University of Baroda	Gujarat
2	ICRAECA_LJ U_0309	Bridging the Gap: Analyzing Low Voter Turnout in India and Lessons from High-Performing Democracies [COPYRIGHT DIARY NO. 38855/2024-CO/L]	Political Science	Asst. Prof. Parkhi Yashraj Hiranman	Prof Dr Sanjay Gaikwad	Savitribai Phule Pune University	Maharashtra
3	ICRAECA_LJ U_0019	Employing AI-Driven Methodologies and Intelligent Insights for Enhanced Management of Ear Disorders	CSE	Santhoosh M R	Dr. K. Akila	SRM Institute Of Science And Technology	Tamil Nadu
4	ICRAECA_LJ U_0203	Iot Based Real Time Monitoring And Exposure Of Microbial Contamination In Drinking Water	ECE	ABISHEK S	Kishore S	Paavai Institutions	Tamil Nadu
5	ICRAECA_LJ U_0271	Yoga Asanas and Their Role in Digital Health Platforms: Integrating Physical Postures into Mood Tracking and Emotional Health Apps	CSE	Nithya RV	Kavya S	New Horizon College of Engineering	Karnataka
6	ICRAECA_LJ U_0217	A Systematic Review Of Ecg And Physiological Parameters Analysis For Stress Detection Via Machine Learning	MCA	Vidhi Sutaria	Dr Arpit Jain	GLS University	Gujarat

Track: 3

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0610	AI Based Adaptive Counselor Framework for Domain Selection	CS	Neha B Bhaidasna	Dr Sandeep Vasant Dr Jaideep Raulji	Navrachna University Vadodara	Gujarat
2	ICRAECA_LJ U_0162	Evaluating Borrowers confidence in AI Powered Lending Decisions	MBA	Venna Venkata Siva Kumar Reddy	Dr. Venkateshwara Kumar	KL University	Andhra Pradesh
3	ICRAECA_LJ U_0270	Redefining Public Transportation in Chandrapur	Civil Engineering	Miss Sayli B. Zade	Prof. Shreyas R. Shende, Prof. Sneha N. Mahure, Mr. Vijay M. Domade, Prof. Ajay M. Domade, Prof. Sameer S. Raut	Shri Sai College of Engineering & Technology, Bhadrawati, Dist. Chandrapur (M.S.), India	Maharashtra
4	ICRAECA_LJ U_0208	Enhancing Urban Waste Management With GPS Enabled Smart Trash Bins	ECE	Naveenkumaar B	Santhosh K	Paavai Engineering College	Tamil Nadu
5	ICRAECA_LJ U_00010	The Impact of Digital Marketing Capabilities on Firm Performance: A Study of Micro and Small-Scale Industries in the Textile Sector of Haryana with Mediating Effects of Competitive Advantage and Value Creation, and Moderating Effects of Digital Leadership	Mgmt	Ms. Preeti	1 Dr. Pardeep Kumar 2 Dr. Tanu 3	University School of Business Chandigarh University	Chandigarh

Track: 4

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0559	Analysis of Mechanical Properties of Natural Fiber Composite Beam	CAD CAM	Krutarth Kayasth	Krutarth Kayasth	Parul Institute of Engineering and Technology - [PIET], Parul University, Vadodara	Gujarat
2	ICRAECA_LJ U_0102	WhatsApp Chat Analyzer	AI & DS	Dr Sunil Sangve	Dr Sunil Sangve	Vishwakarma Institute of Technology	Maharashtra
3	ICRAECA_LJ U_0116	A Comparative Evaluation of Fake News Detection Techniques: Accuracy and Efficiency	Computer Science	Ashish R Savaliya	Dr. Amrita Sharma	Indus University	Gujarat
4	ICRAECA_LJ U_0376	Comparative Analysis of Deep Learning and Meta-Model Architectures for Chronic Kidney Disease Predictions	CSE	M Kannukkiniyal	K Suvalakshmi	Kongu Engineering College	Tamil Nadu
5	ICRAECA_LJ U_0215	An Intelligence for Water Leakage in Underground Pipeline	ECE	Sri Sabari S	Sathishkumar C	Paavai Engineering College	Tamil Nadu
6	ICRAECA_LJ U_0011	Trend Analysis And Forecasting Of Rainfall Pattern In India Using Machine Learning Techniques	ECE	I Prathibha	Dr D Leela Rani	JNTU Anantapur	Andhra Pradesh

Track: 5

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0448	A Comprehensive Review of Lug Attachment Design and Its Structure Analysis.	Mechanical Engineering	Sumit Bendale	Nitesh Patel	Parul University	Gujarat
2	ICRAECA_LJ U_0351	Atomization On Agricultural – Model Design For Smart And Effective Process	ECE	Dr Subodh Panda	Dr Premansu Sekhar Ratha	pragati engineering college surampalem kakinada AP	Andhra Pradesh
3	ICRAECA_LJ U_0216	Optimizing circuit performance and power through timing error aware clock control	ECE	Preethi V G	M Nisha	Paavai Engineering College	Tamil Nadu
4	ICRAECA_LJ U_0069	Sentiment Analysis: A Comprehensive Review	CSE	Harpreet Singh	Shivansh Bhatnagar Azhar Ashraf	Chandigarh University	Chandigarh
5	ICRAECA_LJ U_0060	Multi-Modal Fake Profile Detection Leveraging Hybrid Models	CSE	D Nikhil Chaitanya	Mrs. S. Niveditha	SRM Institute of Science and Technology	Tamil Nadu
6	ICRAECA_LJ U_0771	A Systematic Review of Metaheuristic Routing Algorithms in IoT: Challenges and Future Directions	MSCIT	Hitesh B Parmar	Hardik Joshi	gujarat university	Gujarat

Track: 6

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0219	Intelligent Iot Driven Smart Poultry Farm Management System	ECE	Palani Bharathi S	Nishanth M	Paavai Engineering College	Tamil Nadu
2	ICRAECA_LJ U_0058	Intelligent License Plate Recognition (Ilpr) With Yolov8 And Easyocr Integration	CSE	Vibhinarayanan R V	Dr. Rajasekar Velswamy	SRM Institute of Science and Technology	Tamil Nadu
3	ICRAECA_LJ U_0129	Cervical cancer risk detection using machine learning and computer vision techniques	AI & DS	Nayan Saxena	Shailesh D Kamble	Indira Gandhi Delhi Technical University For Women	Uttar Pradesh
4	ICRAECA_LJ U_0092	Enhanced Image Processing with IMPLY-Based NoCarry Approximated Adders	ECE	Keshav S	Sathish Kumar	SNS College of Technology	Tamil Nadu
5	ICRAECA_LJ U_0520	Evaluating Large Language Models for Health-Focused Question Answering: Insights from COVID-19 Literature	Computer Science	Mr Mayurkumar H Marolia	Dr Hardik J Joshi	Gujarat University	Gujarat
6	ICRAECA_LJ U_0281	Cardiovascular Disease detection using ECG image processing	Computing Technologies	Kashish Sinha	Priyanshu Shrivastava	SRM Institute of Science And Technology	Tamil Nadu

Track: 7

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0220	Design And Implementation Of Smart Cradle System Using IOT	ECE	Mukesh P	Kavin Kumar D	Paavai Engineering College	Tamil Nadu
2	ICRAECA_LJ U_0057	Crop And Fertilizer Recommendation With Plant Disease Detection System	CSE	Richard Daniel R	T Anusha	SRM Institute of Science and Technology	Tamil Nadu
3	ICRAECA_LJ U_0147	MV-DBiLSTM: An Enhanced Human Activity Recognition for Smart Surveillance Systems Using a Deep BiLSTM Framework	Software Engineering	Roshni singh	Abhilasha Sharma	Delhi Technological University	Uttar Pradesh
4	ICRAECA_LJ U_0394	Reality Check: Combating Fake News With Advanced Learning Techniques	CSE	Sistu Sunilkumar	Sodasani Satish	sathyabama university	Tamil Nadu
5	ICRAECA_LJ U_0622	Leveraging Artificial Intelligence in Code Automation: A Comprehensive Review of AI-Based Smart Code Review System	CE	Nupur Diwate	Rahul Kondar	Dr. D. Y. Patil Institute of Technology	Maharashtra
6	ICRAECA_LJ U_0412	Wearable Sensors with AI: Their Use in Healthcare	Management	Ms. Shweta Sinha	Prof. (Dr.) Broto Rauth Bhardwaj,	Bharati Vidyapeeth Institute of Management and Research	Maharashtra

Track: 8

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0306	Technology - Enhanced Safety Shoes for Women	ECE	Ranjith Kumar S	Siva S	Paavai Engineering College	Tamil Nadu
2	ICRAECA_LJ U_0212	Utilizing Grad-CAM and Medical Expertise for Reliable Skin Lesion Classification	CSIT	Sanjeev Sharma	Dr Akhtar Hussain	Mahatma Jyotiba Phule Rohilkhand University	Uttar Pradesh
3	ICRAECA_LJ U_0239	TrafficIQ - AI Solution for Urban Mobility - PathGuide	CSE	Ranusha Ramesh	Ramani Jayashree, deepan SV, shreemaan p, Scinthia Clarinda	Sathyabama Institute Of Science and Technology	Tamil Nadu
4	ICRAECA_LJ U_0080	Optimization strategy of EV charging infrastructure with distribution grid	CSE	Sarthak Gupta	Md Faraz Quaseem	SRM Institute of Science and Technology	Tamil Nadu
5	ICRAECA_LJ U_0783	Various Types of Bridge Foundations over Minor Rivers flowing in District Barabanki, Uttar Pradesh	Civil Engineering	Rajesh Kr Pandey	Rakesh Varma	Shri Ramswaroop Memorial University	Uttar Pradesh
6	ICRAECA_LJ U_0028	Advanced Tennis Analysis Using AI-Powered Object Detection and Key Point Analysis	CSE	Krutik Mudaliar	Geetesh Mehta	SRM Institute Of Science And Technology	Tamil Nadu

Track: 9

Mode: Virtual

Time: 9:30 AM to 12:00 PM (IST)

Sr. No	Paper/ Abstract ID	Paper Title	Department	Author Name	Co Author	College / University Name	State
1	ICRAECA_LJ U_0338	Smart Glasses with Facial Recognition for Visually Challenged Persons	ECE	Sabarinathan L	Sabarinath R	Paavai Engineering College	Tamil Nadu
2	ICRAECA_LJ U_0416	Leveraging Full ECG Waveform Analysis for Effective Stress Detection	MCA	Vidhi Sutaria	Dr Arpit Jain	GLS University	Gujarat
3	ICRAECA_LJ U_0246	Diving into the functionality of 3-D image matrix representation using Stable Video 4D: A Simplified Overview on Techniques for Generative AI based Multidimensional Field of Vision	AI	Pratik Kumar	Dr Sanatan Ratna	Amity University Noida	Uttar Pradesh
4	ICRAECA_LJ U_0382	A review of side scan sonar image acquisition and processing towards detecting objects	Computing	Vidhya S	Nithya R	SASTRA Deemed to be University	Tamil Nadu
5	ICRAECA_LJ U_0491	Medical Document Categorization Mesh For Domain Ontology	CSE	S.Narmatha	Dr.V.Maniraj	A.V.V.M Sri Pushpam College, Poondi, Thanjavur	Tamil Nadu
6	ICRAECA_LJ U_0425	Cotton Leaf Disease Prediction Using CNN	CSE	Shampath Kumar R	Kanthimathi M	National Engineering College	Karnataka