



**RESEARCH ASSOCIATION OF MASTERS OF ENGINEERING**  
**INTERNATIONAL CONFERENCE ON**  
**ROBOTICS, AUTOMATION AND INTELLIGENT COMPUTING**  
**ICRAIC 2K24**  
**18-19 MAY 2024**  
**PRESENTATION SCHEDULE (DAY 1)**

<b>DAY – 1 (18<sup>th</sup> May 2024, 10:00 AM – 10:30 AM IST (Indian Standard Time))</b>		
<b>INAUGURAL CEREMONY</b>		
<b>Invited Chief Guest &amp; Guest of Honor</b>	<b>Activity</b>	<b>ZOOM Link</b>
<p style="text-align: center;"><i>Chief Guest</i> PROF. DR. MEENA RAJESH Vice-Chancellor, G. H. Rasoni University, Saikheda, India</p>	Inaugural Ceremony of ICRAIC 2K24	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>
<p style="text-align: center;"><i>Guest of Honor</i> DR. ARVIND BODHE Dean, School of Engineering and Technology, G. H. Rasoni University, Saikheda (MP), India</p>	Inaugural Ceremony of ICRAIC 2K24	<a href="#">Meeting ID: 991 3837 5443</a> <a href="#">Passcode: 123456</a>
<b>DAY – 1 (18<sup>th</sup> May 2024, 10:30 AM – 11:00 AM IST (Indian Standard Time))</b>		
<b>KEYNOTE SESSION</b>		
<b>Keynote Speaker</b>	<b>Topic</b>	<b>ZOOM Link</b>
<p style="text-align: center;">DR. SARATHA SATHASIVAM Associate Professor, Universiti Sains Malaysia</p>	Examining the Forecasting Movement of Palm Oil Price using RBFNN-2SATRA Metaheuristic Algorithms for Logic Mining	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <a href="#">Meeting ID: 991 3837 5443</a> <a href="#">Passcode: 123456</a>

**DAY – 1 (18<sup>th</sup> May 2024, 11:15 AM – 01:30 PM IST (Indian Standard Time))**

**SESSION 1**

<b>Session Chair – Dr. Arvind Kumar</b> Dept. of Electronics and Communication Engineering, Visvesvaraya National Institute of Technology (VNIT), Nagpur, INDIA	<b>Session Coordinators – Dr. J. D. Kene</b> kenejd@rknec.edu
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Sr. No.	Paper Id	Authors	Title	ZOOM Link
1	8	Jalpesh Vasa, Bimal Patel, Megha Goriya, Ayush Ghadiya, Zeel Amrutiya	Enhanced CNV Classification in OCT Images: Leveraging Efficiently Fine-Tuned MobileNet and VGG19 Models for Choroidal Neovascularization (CNV) Detection	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <b>Meeting ID: 991 3837 5443</b> <b>Passcode: 123456</b>
2	9	Disha Menghani, Krishi Mankani, Siddharth Motwani, Ganesh Shetty	Gesture Controlled Virtual Mouse	
3	12	Aditya Mishra and Dr. C. Arun	Multi-Camera Person Tracking and Re-Identification System	
4	13	Anjali Punsu, Diya Theryani, Ronak Karia, Vidya Pujari	StockSage: Revolutionizing Stock Price Prediction with Machine Learning	
5	23	M. S. Antony Vigil, Sabarish Raja Ramesh Raja, Venkata Krishna Sai Sharan Vallakavi	A Scalable Ensemble Learning with Performance Evaluation for Credit Card Fraud Detection	
6	29	Sibil Arockian G, Snigdha RP, Santosh T, M S Bennet Praba	Restaurant Recommendation Based On Location - Data and Machine Learning	
7	30	Purvi Prajapati, Nirav Bhatt, Dhaval Visariya	YouTube Comment Sentiment Analysis using NLP Approach	
8	31	Nirav Bhatt, Purvi Prajapati, Rudra Patel, Divy Patel, Prathamkumar Patel	Effective Prediction of Used Car Prices Using Machine Learning	
9	34	Nikita Bhatt, Jiya Desai, Akshat Desai	Automated Focusing & Exposure Control of Camera for Satellite Observation & Debris Survey	
10	47	Padmini S, M Raghava, K Sai Manikanta, Sunil Thomas, Nithiyanthan Kannan	AI-Driven Farm_era System: Predictive Analytics, Geo-Integrated Monitoring, and Smart Resource Allocation using Streamlit	
11	50	Padmini S, Divya Uday Singh, Piyush Singh	Real Time Accident Detection using Bounding Box Methodology	

12	51	Sujith Battu , Rahul, Aditya Kumar	Deep Learning Assessment of Monkeypox Detection from Lesion Images	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <b>Meeting ID: 991 3837 5443</b> <b>Passcode: 123456</b>
13	55	Amit Thakkar,Manan Pathak,BELA SHAH	Unveiling the Potential: "Large Language Models in Financial Sentiment Analysis, Education, and Market Analysis"	
14	58	Amit Thakkar,Vraj Patel,Bhargavi Savani,BELA SHAH	Unveiling Network Intrusions: Leveraging Large Language Models for Anomaly Detection in Cybersecurity	
15	59	Amit Thakkar,Mohit Marvania,Ruhi Kansagara,Dharmendrasinh Rathod	YOLOv8-Based Emotion Recognition for Effective Student Engagement Assessment in Online Learning Environments	

**DAY – 1 (18<sup>th</sup> May 2024, 2:00 PM – 04:00 PM IST (Indian Standard Time))**

**SESSION 2**

<b>Session Chair – Dr. Dinesh Bhojar</b> Department of Electronics and Telecommunication Engineering, Yeshwantrao Chavan College of Engineering, Nagpur, India	<b>Session Coordinators – Dr. M. A. Kumbhalkar</b> manoj.kumbhalkar@rame.org.in
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Sr. No.	Paper Id	Authors	Title	ZOOM Link
16	63	Vilas Alagdeve, Dr. P.T.Karule	Candlestick Pattern Analysis for Stock Prediction	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <b>Meeting ID: 991 3837 5443</b> <b>Passcode: 123456</b>
17	67	Srushti Gajjar, Amit Thakkar, Purvi Prajapati	From Single Label to Extensive Label Sets: A Comprehensive Review on eXtreme Multi-Label Classification	
18	73	Sarita Thummar,Daksh Bangoria,Abhi Bhimani,Krishna Thakor,Anmol Chauhan,Vraj Patel,Kishan Rathod,Keval Solanki,Krupa Shekat,Amit Thakkar	A Review on Leukemia Cancer Detection and Classification: Integrating Classical Approaches to Advanced AI Techniques	
19	21	Pradnya A.Jadhav and D. B. Bhojar	Comprehensive Review Of Existing Security Models For VANET Deployments From An Empirical Perspective	
20	32	Mrugendrasinh Rahevar,Nisarg Shah,Het Kalpendu Pathak,Sahil Mitul Patel	Enhancing Small Object Detection In Aerial Imagery Using YOLOv8 Architecture: A Study On Small Birds Detection	
21	39	Harsit Dhanushan,Harsit Maheswari,Jaanya Gohil,Gaurav Kumar Gautam,Nishant Pushpak	Enhancing Human Detection and Counting Efficiency through Deep Learning: A Comprehensive Approach	
22	44	Jalpa Ardeshana,Ark Patel,Dheeraj Kr. Shringi	Predicting Age and Gender with the Caffe Deep Learning Framework	
23	62	Arsen Ahmed Mohammed,Arsen Ahmed Mohammed,HÜSEYİN DEMİREL	Enhanced Design and Analysis of Multi-Functional Quadrature Oscillator and Biquad Filter Using FinFET Transistors in Current-Mode Active Filter	

24	75	Ibtehal M. Habeeb	Camera Model Identification: Survey	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  Meeting ID: 991 3837 5443 Passcode: 123456
25	78	Sneha S. Badhe, Roshni Khedgaonkar	Design of an Efficient Model for Brain MRI Image Classification Using Graph Neural Networks	
26	84	Suhad Nasrallah Taraf, Ahmed T. Sadiq	The Effect of Emojis on Arabic Text in Sentiment Analysis Using Deep Learning	
27	11	Shivani R. Jagtap, Dr. D. P. Bhoyar, Ms. Swati Mohod, Rajesh H. Khobragade, Roshan Umate, Arvind R. Bhagat Patil	Image Classification of Brain Tumors Using Deep Learning	
28	25	Ajay Talele, Madhuri Barhate, Sneha Jain, Sneha Bhat, Siddhartha Chakrabarty, Somrath Bisen	Customer Review Sentiment Analysis Using SVC, KNN and Vader's Sentiment Analysis	
29	66	Krishna Kumar Narayan,Dr. Vinod Bhaiswar,Dr. Pramod Walke,Dr. Nilesh Nirwan	SunBlade: Smart Solar Grass Cutter for Eco-Friendly Landscaping	
30	71	Ghaith Abdulraheem Ali Alsheikh,Muath Maqbool Albhirat,Amro Alzghoul	Leadership Competencies and Business Intelligence: Synergies for Competitive Advantage	
31	72	Mohammad Tawalbeh,Amro Alzghoul,Ghaith Abdulraheem Ali Alsheikh	Business Intelligence as a Catalyst for HR Transformation: A Study of BI Implementation in HR Practices	

## PRESENTATION SCHEDULE (DAY 2)

DAY – 2 (19<sup>th</sup> May 2024, 10:30 AM – 11:00 AM IST (Indian Standard Time))

### KEYNOTE SESSION

Keynote Speaker	Topic	ZOOM Link
DR. M. M. SARDESHMUKH Director, JSPM Narhe Technical Campus, Pune, India	Applications of AI in Machine Learning	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <a href="#">Meeting ID: 991 3837 5443</a> <a href="#">Passcode: 123456</a>

DAY – 2 (19<sup>th</sup> May 2024, 11:00 AM – 02:00 PM IST (Indian Standard Time))

### SESSION 3

Session Chair – Dr. Dharmendra Kumar Shukla

Associate Professor, Department of Mechanical Engineering,  
Motilal Nehru National Institute of Technology (MNIT), Allahabad,  
Prayagraj, India

Session Coordinators – Dr. R. H. Gajghat

radhegaj@gmail.com

Sr. No.	Paper Id	Authors	Title	ZOOM Link
32	17	Nilesh Malode, Vivek Khond, Amol Pitale, Rohit Barma, Kishor Rambhad	Investigations in Effect of Various Alloy Metal Concentration in Aluminum Alloys on Mechanical Properties Manufactured by Automated Direct Chill Casting Process	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <a href="#">Meeting ID: 991 3837 5443</a> <a href="#">Passcode: 123456</a>
33	22	Vedant N. Santape, Vivek W. Khond, Laukik P. Raut, Anandbabu Kotta, Kishor Rambhad	Exploring the Evolution and Impact of Automatic Feeding Mechanisms in Sheet Metal Processing: From Manual Labor to Automation	
34	33	Abhishek Kuralkar, Dr. Isha Khedikar, Dr. Kuldeep Dabhekar	Comparative Analysis and Design of Pre-Engineered Buildings and Conventional Steel Frames	
35	36	Minal Barbate, Amol Chaudhary, Yogesh Nandanwar, Nilesh Nirwan	Evaluation of the leg assembly using European Norms and Indian standard	
36	38	Prachi Chaudhari, Dr. P. Y. Pawade	Comparative Analysis of Circular Roof for swimming pool by cold formed and Hot Rolled Steel Sections	
37	41	Gitesh Sakure, Prof. Nilesh Gedam, Nilesh Khonde, Anshul Ghutke, Yash Wange	Technical Review of a Variable Height Speed Breaker System with Speed Detection for Two-Wheelers on a One-Way Road	

38	42	Prasad Khobragade, Prof. Nilesh Gedam, Ayushi Bais, Sails Satfale, Raunak Somkuwar	Overview of a Vertical Axis Wind Turbine using multiple generators with single rotor.	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <b>Meeting ID: 991 3837 5443</b> <b>Passcode: 123456</b>
39	46	Eshwari Kotnake	Study of Hoop Stress Behaviour for Circular Walls of Water Tank with Uniform and Varying Thickness	
40	53	Prince Patel, Nishat Shaikh	Smart home Dashboard	
41	61	Haider ALRikabi, Adheed H. Sallomi, Hasan F. Khazaal	Reconfigurable Intelligent Surfaces with Smart Antenna Opportunities and Challenges	
42	68	Himmat Salunkhe, Dr. Abhay Khalatkar, Dr. Rupesh Shelke	Development of Rotating System for Closing Die of Steel Wires Stranding Machine	
43	76	Mohammed F. Majeed, Ahmed F. Hasan, Yasser Y. Khudair	Classification of Oral cavity cancer using Linear Discriminant Analysis (LDA) and Principal Component Analysis (PCA)	
44	77	Prachi Singh, K R Dabhekar	Analysis And Design of Warehouse of Pre-Engineered Building Using Tekla	

**DAY – 2 (19<sup>th</sup> May 2024, 2:30 AM – 3:00 PM IST (Indian Standard Time))**

**CONFERENCE VALEDICTORY**

Participant	Activity	ZOOM Link
<b>Guest</b> <b>Conference Chair</b> <b>Convener &amp; Co-convener</b> <b>All Author &amp; Co-authors</b>	<b>Announcement of Best Paper Award</b>	<a href="https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09">https://zoom.us/j/99138375443?pwd=Qnhma1NkbG9CdDB6ekEwV3FZQnhEdz09</a>  <b>Meeting ID: 991 3837 5443</b> <b>Passcode: 123456</b>