PROCEEDINGS OF

National Conference on

Multidisciplinary Research in

Computer Science & Applications

9th & 10th May 2025

© No part of the book or parts thereof may be reproduced, stored in a retrieval system or transmitted in any language or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of the publishers.

ISBN: 978-93-342-9221-3

Year of Publication: May 2025

Printed at: Renu Graphics
D.No: TF6, Anjandhari Towers
Vijayawada – 521108

Published by Conference Team
Department of Computer Science & Applications
Koneru Lakshmaiah Education Foundation
Deemed to be University
Green Fields, Vaddeswaram,

The author(s) are responsible for their contributed research papers / articles regarding any existing copyright or other intellectual property rights issues if any person in any manner whatsoever. The publishers / Editors of the book are not responsible for errors in the contents or any consequences arising from the use of information contained in it. The quality of the language of papers is under the authors responsibility.

National Conference on Multidisciplinary Research in Computer Science & Applications

9th & 10th May 2025

Organized By
Department of Computer Science & Applications

KONERU LAKSHMAIAH EDUCATION FOUNDATION
Deemed to be University
Green Fields, Vaddeswaram,
Andhra Pradesh 522302

PRESIDENT'S MESSAGE

Er. Koneru Satyanarayana
Chancellor, KL University

In today's rapidly evolving technological landscape, computer applications play a pivotal role in developing innovative solutions across diverse engineering and non-engineering disciplines. A deep understanding of core computing principles, along with the ability to integrate knowledge from multiple fields, is essential for engineers and researchers to solve complex real-world problems efficiently and effectively.

I am happy to note that the Department of Computer Applications, KLEF is organizing a **Two-Day National Conference on "Multidisciplinary Research in Computer Science & Applications"** during 9th and 10th May 2025. This conference is a timely and meaningful initiative that provides a valuable platform for academicians, researchers, and students to exchange ideas, share research findings, and explore the latest advancements in computer science and its multidisciplinary applications.

I extend my best wishes to the organizers for the successful conduct of the National Conference and hope that the deliberations, proceedings, and recommendations emerging from the event will contribute significantly to the academic and practical understanding of computer applications across disciplines.

Er. Koneru Satyanarayana
President

Pro Chancellor's Message

Dr. K.S. Jagannatha Rao
Pro Chancellor, KL University

I am happy to know that the Department of Computer Science and Applications is organizing a **Two-Day National Conference on "Multidisciplinary Research in Computer Science & Applications"** during 9th and 10th May 2025.

It is highly encouraging that several specialists from **IITs and reputed international institutions** are participating and sharing their expertise on various challenging industrial problems and advanced computational solutions. This Two-Day Conference will undoubtedly offer a rich and immersive experience for **young researchers**, enabling them to exchange innovative ideas, learn from domain experts, and strive towards impactful contributions to the broader research and development community.

I urge all delegates to make the most of this opportunity by actively participating in all sessions and engaging in productive interactions that could lead to scientific and technological breakthroughs.

I wish the conference **immense success** and congratulate the organizers for bringing together such a significant academic platform.

Dr.K. S. Jagannatha Rao,
Pro Chancellor

Vice-Chancellor's Message

Dr. G. Pardha Saradhi Varma
Vice Chancellor, KL University

I extend my warm welcome to all the participants and appreciate the **Department of Computer Science and Applications, KLEF Deemed to be University** for their commitment and dedicated efforts in organizing the **Two-Day National Conference on "Multidisciplinary Research in Computer Science & Applications"** during 9th and 10th May 2025.

Conferences serve as vital platforms for academic and professional dialogue. I am confident that this event will provide an excellent opportunity for **researchers, postgraduate students, and industry professionals** to strengthen their academic foundations and advance their research goals. I firmly believe that meaningful discussions and innovative findings emerge from such Research and Development (R&D) initiatives.

Computer Science is a rapidly evolving discipline that continuously integrates with various domains, creating impactful applications in science, technology, and industry. The insights shared and deliberated by the delegates during this conference are bound to lead to fresh perspectives and practical innovations with real-world value.

I extend my best wishes to the students and faculty of our University, as well as to all the participants who have joined us from across the country. I trust you will find this academic gathering both inspiring and enriching. May this conference be a grand success and contribute significantly to the collective growth of knowledge and innovation.

Dr. G. P. Saradhivarma
Vice Chancellor

Provice-Chancellor's Message

Dr. K. Rajasekhara Rao
Pro-Vice Chancellor, KL University

It is with great enthusiasm and anticipation that I welcome you to the **Two-Day National Conference on Multidisciplinary Research in Computer Science & Applications**, organized by the **Department of Computer Science and Applications, KLEF Deemed to be University**. This significant academic event reflects our unwavering commitment to advancing cutting-edge research and fostering the exchange of innovative ideas across various disciplines within computer science and its applications.

This conference brings together a distinguished and diverse group of **academicians, researchers, industry experts, and students** from across the country. The program is designed to facilitate thought-provoking discussions, present emerging technologies, and encourage multidisciplinary collaboration to address contemporary challenges in the field.

I extend my deepest gratitude to the **organizing committee** for their relentless efforts in planning and executing this conference with excellence. Their dedication ensures that this gathering will be a meaningful and impactful experience for all involved. I also wish to acknowledge and thank all **supporting institutions and contributors** whose encouragement and resources have made this initiative possible.

To all the participants, I encourage you to make the most of this platform—engage actively in discussions, explore new research perspectives, and build professional relationships that can lead to future collaborations and innovations. Your presence and contributions are what truly make this conference special.

In closing, I wish everyone a **productive and inspiring conference**. May this event serve as a catalyst for **new ideas, meaningful partnerships, and technological advancements** that will shape the future of computer science and its applications.

Dr.Kurra Rajasekhararao
Pro-Vc (Academics)

Conference Chairman Message

Dr. K. Subrahmanyam
Principal, College of Sciences & Conference Chairman

It is quite gratifying to note and with great pleasure, I would like to state that the Department of Mathematics of our college is hosting a Two-day national conference entitled on "**Multidisciplinary Research in Computer Science & Applications**",during 9th and 10th May 2025.

Organizing such an event at this point in time reinforces our objective of creating a vibrant environment for the **exchange of ideas and insights related to technological advancements**. I hope that this conference will serve as a platform to deliberate on current and emerging issues of national and international relevance, particularly in areas such as **Artificial Intelligence and Machine Learning, Cybersecurity, Data Science, Cloud Computing, Internet of Things (IoT), Software Engineering**, and the **Integration of Technology in Education**.

It is heartening to note that an unprecedented number of **high-quality research papers** have been submitted for presentation at this conference, reflecting the depth of ongoing research and the enthusiasm of the academic community in this field.

I am confident that this occasion will offer a **congenial and collaborative environment** for researchers, academicians, and industry professionals to freely exchange views, challenge existing paradigms, and spark new ideas that will further the progress of computer science and its multidisciplinary applications.

I convey my warm greetings and congratulations to the **organizing committee** for their dedicated efforts and extend my best wishes to all the participants for a **productive and successful conference**.

Dr. K.Subramanyam
Principal, College of Sciences

Convener's Message

Dr. K. Bhagavan
HoD, BCA & Conference Convenor

It is my pleasure to extend a warm welcome to all of you to the **Two-Day National Conference on "Multidisciplinary Research in Computer Science & Applications"**, organized by the **Department of Computer Science and Applications, KLEF Deemed to be University**.

In this dynamic gathering, you will encounter a rich collection of research contributions from esteemed researchers, scholars, and domain experts who are at the forefront of their respective fields. The range and depth of topics covered in this conference reflect the diversity and vibrancy of thought that we aim to bring together through this multidisciplinary platform.

This conference serves as a valuable **platform for intellectual exchange, collaboration, and exploration** of the latest trends and advancements in computer science and its applications across various sectors. It is an opportunity for participants to engage with cutting-edge work and forge connections that may shape future research and innovation.

I extend my heartfelt appreciation to all contributors for their dedication to advancing knowledge and for sharing their research with the academic and professional community. Your active participation enriches the collective learning and impact of this event.

I would also like to acknowledge the **hard work and commitment of the organizing committee** and everyone involved in making this conference a success. Their efforts stand as a true testament to the spirit of inquiry, academic excellence, and collaborative discovery.

.

Dr. K, Bhagavan
HOD-BCA

Convener's Message

Dr. Ch. Kiran Kumar
HoD, MCA & Conference Convenor

It gives me immense pleasure to be part of the **Two-Day National Conference on "Multidisciplinary Research in Computer Science & Applications"**, organized by the **Department of Computer Science and Applications, KLEF Deemed to be University**.

This conference provides an excellent opportunity for scholars, researchers, and professionals from academia and industry to come together and share their knowledge, insights, and innovations. The multidisciplinary nature of this event highlights the evolving role of computer science in solving complex problems across diverse domains such as healthcare, finance, education, engineering, and more.

I am delighted to see the active participation of delegates from various institutions, each bringing a unique perspective and contributing to a broader understanding of emerging trends and challenges in computer science. The thoughtful sessions, technical paper presentations, and discussions scheduled over these two days are sure to spark new ideas and collaborations that will benefit the research ecosystem.

I extend my sincere appreciation to the organizing committee for their meticulous planning and dedication to academic excellence. Their commitment has ensured the creation of a platform that promotes not only knowledge sharing but also professional networking and future research initiatives.

Wishing all participants a highly **engaging, enriching, and successful conference**. May your time here be filled with meaningful exchanges and memorable experiences that lead to impactful outcomes.

Dr.Ch.Kiran Kumar
MCA-HoD

CONTENTS

S.No	Title of the Article with Authors	Page No.s
1	**Heart Disease Prediction using Machine Learning** Akula Pooja	1 – 2
2	**Credit Card Fraud Detection Using Machine Learning** Parasaram Hiranmai, G.B.V.Kishore	3 - 4
3	**Multiple disease prediction using Machine Learning** Akriti Gupta, DR.M.Kalimuthu	5 - 6
4	**A Novel Hybrid Image Synthesis-Mapping Framework for Steganography without Embedding** Mr.Ch.Phanikanth, Shaik Sameer Hussain	7 – 8
5	**Fuzzy Identity Based Data Integrity Auditing for Reliable Cloud Storage Systems** Mr. Gobinda Chandra Das, Ms. Syed Sadiya Jameel	9 – 10
6	**Audit Free Cloud Storage Via Deniable Attribute Based Encryption** Dr.ACP.Ranjani, D.Visweswararao	11 – 12
7	**Improving Digital Forensic Security: Secure Storage Model with Autentication and Optimal Key Generation Based Encryption** Marupilla Manideep, Dr B. Mouleswara Rao	13 – 14
8	**Smart Traffic Control System Using Artificial Intelligence** Dr. D. Usha Rani, Immadisetty Sai Bharath	15 – 16
9	**Automatic Number Plate Detection** K.Keerthi, Mrs. Ch. Sarvani	17 – 18
10	**Image Generator Using Open-AI** Gotham Kamala Priya	19 – 20
11	**DeepFER: Facial Emotion Recognition Using Deep Learning** Pooja Budagala, Mr. A. Siddhartha Reddy	21 – 22
12	**Automated Attendance Registration Using YOLOv8 and FaceNet for Real-Time Face Recognition** Balaji Tadisetty, Ch.Phanikanth	23 – 24
13	**Smart Security Surveillance System using IoT and AI for Real-Time Intrusion Detection** G. B. V. Kishore, G. B. V. Kishore	25 – 26
14	**Cost and Base Price Management System with Accommodation Module for A Travel Company** Mohammed Shafi Ur Rehman, Dr. B. Mouleswara Rao	27 - 28

15	**Travel & Tourism Recommendation System Using Machine Learning** Anish Kumar, Mrs Ch. Satya Keerthi.N.V.L	29 – 30
16	**Job Recruitment system and HR Performance using Machine Learning** Raushan Kumar, Mr. GobindaChandraDas	31 – 32
17	**Spam Mail Detection Using Machine Learning** Modukuri Sai Charan, Mrs. Avula Chitty	33 – 34
18	**Markel Digital Vault: Secure Transaction Retrieval Framework** Vengala Vijayasri, M. Manikya Poornima	35 – 36
19	**Weather Prediction using Machine Learning by Random Forest Algorithm** Mr.R.Asok Kumar, G.Sudha	37 – 38
20	**Privacy Protection and Intrusion Avoidance For Cloudlet-Based Medical Data Sharing** Mrs.Dr. D. Mythrayee, Pratapa V N Siddhardha	39 – 40
21	**Facial Emotion Recognition using Convolutional Neural Networks** Nandam Geetha, Dr.D. Mythrayee	41 – 42
22	**Financial Forecasting Frontier: Distributed ML** P.Ramesh, Pasupuleti Divya	43 - 44
23	**House Price Prediction Using Machine Learning** N.Keerthana, Mrs. Ch. Sarvani	45 – 46
24	**Application of Artificial Intelligence in Agricultural Industries - Deep Learning-Based Plant Disease Detection System** Mr. J. A. Jevin, Tumu Lakshman Prasanna Kumar	47 – 48
25	**Uncovering Digital Evidence: A Forensic Investigation Using the Sleuth Kit** Dr.Ch. Madhava Rao, Bogala Lukhitha	49 – 50
26	**Leveraging Image Processing for Missing People Identification** K.Srikanth, Ch.Phanikanth	51 – 52
27	**A Machine Learning Model for Fraud Detection in Small-Value Credit Card Transactions** Ms.Avula Chitty, Ms.M.Sarika	53 – 54
28	**Dual-Server Public-Key Authenticated Encryption with Keyword Search** Mr.R.Nagendrababu, B. Naveen kumar	55 - 56

29	**Tech-Driven Living: Exploring On-Demand Services in Urban Environments** Dr. D. Usha Rani, D. Devi Varaprasad	57 - 58
30	**A Secure G-Cloud-Based Framework for Government Healthcare Services** A.Sabena Banu, P.Sravan Kumar	59 – 60
31	**Employee Task Management System** Mrs. Ch. Satya Keerthi.N.V.L, LakkojuUday Kiran	61 – 62
32	**Online Food Ordering System** Mr.K.Ch. Bhushana Rao, Ms.J.L.N.Sheshu Kumari	63 – 64
33	**Smart Detection and Analysis of Plant Leaf Diseases Using Image Processing Approaches** Mrs.Swathi Voddi, V.V.N Srija	65 – 66
34	**Application of Artificial Intelligence in Agricultural Industries - Deep Learning-Based Plant Disease Detection System** Mr. Ch.Nagaraju Nelavalli Koti Aditya	67 – 68
35	**Smart Healthcare Record Management using Content-Based Filtering** Dr. AC Priya Ranjani, M. Sai Meghana	69 - 70
36	**Integrated Bug Tracking and Collaboration System** Ms. Chedella Ankitha, Mrs. Ch. Sarvani	71 – 72
37	**Secure Vote: Empowering Votes with Visionary Security** L. Nirupama, Dr. K. Chandra Bhushana Rao	73 – 74
38	**Identification of Fake Indian Currency Using Convolutional Neural Network** Mr. N. Venkata Ramana, Landu Jagadeeswar Reddy Omkar	75 – 76
39	**Cloud-Based Resource Optimization for Virtualized Environments** Rayapati Yaswini, Dr. VenkataRamana N	77 – 78
40	**Authorized Keyword Search over Outsourced Encrypted Data in Cloud Environment** Peddi Gayathri	79 - 80
41	**Robust Auditable Access Control for Public Cloud Storage** Mrs A Lakshmi Prasanna, K.Supraja	81 – 82
42	**Markel Digital Vault: Secure Transaction Retrieval Framework** Sundaram Naveena, Lingidi Nageswara Rao	83 – 84
43	**Spam Mail Detection Using Machine Learning** Chilikoti Sravani, Mr. H. Gautam	85 – 86

44	**Inference Attack-Resistant E-Healthcare Cloud System with Fine-Grained Access** Mr.K.Uday Bhaskar, Dr.Ch.Kiran Kumar	87 – 88
45	**Design and Implementation of a Network Vulnerability Scanner Using Python** A. Bhuvan Chandra Reddy, D. Mary Swarupa	89 – 90
46	**Pneumonia Detection Using Deep Learning** S.Anupama, Dr.C.M.Sheela Rani	91 – 92
47	**Human Activity Recognition Using Deep Learning** Mr. L. Panner Dhas, Mr. B. Shanmukha Mahesh	93 - 94
48	**Emotion Based Music Recommendation System Using Deep Learning, Computer Vision** Dr. D. Mythrayee, L. J. S. N. M. D. Krishna Mohan	95 - 96
49	**A Statistical Inference Attack on Privacy-Preserving Biometric Identification** L.NageswarRao, I.Mounika	97 – 98
50	**Brain Tumor Prediction Using Convolutional Nueral Networks** Matta N V S Sri Lakshmi Nikhitha, Mr. L Nageswar Rao	99 - 100
51	**Enhanced Remote Face Anti-Spoofing Using Multi-Factor Authentication and Liveness Detection** N. Bhanu Teja, A. Chitty	101 – 102
52	**Smart Basket Analyzer Using RFM Approach** Rajamandrapu Kavyasri, Dr. Ch Madhavarao	103 – 104
53	**Crime Rate Prediction Using Machine Learning** P.Ramesh, Shaik Faijun	105 – 106
54	**Vision Based Math Solver Using OpenCV and Generative AI** Shaik. Sana, L. Panneer Dhas	107 - 108
55	**Real Time Face Recognition of Age, Gender, And Face Emotions** Pathan Arsha, Mrs. Dakori Swarupa	109 – 110
56	**A Comparative Study on Fake Job Post Prediction Using Different Data Mining Techniques** P.Ramyasri, Dr.V.Valli Mayil	111 – 112
57	**CO2 Emission Prediction from Vehicles using Machine Learning** V. Hamshika, CH. Phani Kanth	113 – 114
58	**Verifiable Attribute-Based Proxy Re-Encryption for Cloud Data Sharing** Ms. Ch. Sarvani , K.Sandhya Rohi	115 – 116

59	**Online Music Streaming Using Django, Phyton Javascript, HTML, CSS** T. Manikanta Reddy, Ch. Sarvani	117 – 118
60	**Quick Fix - Home Services** Mr.B.Krishna, Ms.P.Amani	119 - 120
61	**Decoding Infant Communication Using Machine Learning** Ms. Ch. Sarvani, Ms. G. Meghana	121 – 122
62	**Advances in Drug Delivery and Development Strategies in the Post-COVID-19 Era** A.Koteswara Rao, R.Prasanna Babu	123 – 124
63	**Privacy-Preserving Public Auditing Protocol for Regenerating-Code-Based Cloud Storage** A.Siva Sankar, Ch.Sarvani	125 – 126
64	**Online Voting System Based on Face Recognition** M.Yuva Kiran, Mr CH.Phanikanth	127 – 128
65	**Disease Prediction Using AI and ML** P.Teja Lakshmi Nivas, Ms.Mythraye	129 -130
66	**Wine Quality Prediction Using Machine Learning and Custom Parameters** S. Sri Sai Kiran, Dr. V. S. Narayana. T	131 – 132
67	**Childrens Clinic Management System** Shaik Asifali, Mr. P. Ramesh	133 – 134
68	**IPL Score Prediction Using Deep Learning** Shaik Sanjeera Mam, Shaik Zameer	135 – 136
69	**Autism Prediction Using Machine Learning** Kurra Venkat Ganesh, Mrs. Ch. Satya Keerthi.N.V.L	137 – 138
70	**Travel and Tourism Guide System** Degala Vyshnavi	139 – 140
71	**Next-Generation Healthcare: CNN-Based Brain Tumor Classification** Shaik Yelisha Vali	141 – 142
72	**Loan Approval Prediction Using Machine Learning** N.Divya Sri Phani, B. Krishna Prasad	143 – 144
73	**Revolutionizing Job Recruitment through Hire sphere Cloud Job Portal in the Digital Era** P. Ramesh, V. Ragini	145 – 146
74	**Medilink: Bridging The Gap in Patient-Provider Connections** T. Jyothi Venkata Naga Sushma, Dr. Jeevan Jala	147 – 148

75	**Inviso Attend: Revolutionizing Attendance Tracking with Intelligent Facial Recognition** Yarasuri V N V Sai Sri Tejaswi, Dr. Mokkapati Ragini	149 - 150
76	**Traffic Sign Recognition using CNN** Kota Madhavilatha	151 – 152
77	**Solar Power Prediction System Using Machine Learning** Pamarthi Venkata Ashok kumar, Mr. D. Surendra	153 – 154
78	**Revolutionizing Cloud Data Security with Elliptic Curve Cryptography** Mr. Dr.Rama Krishna Yellapragada, Ms. Ch.Aswini	155 – 156
79	**Fingerprint Based Blood Group Detection** Shaik Khaja, Mrs. K.Venkateswari	157 – 158
80	**Design and Implementation of Diary Management System** Shaik Budesha, Mr. B. Krishna	159 - 160
81	**Prediction of Electronic Gadget Addiction among Students using Machine Learning** Thandra Tejaswini	161 - 162
82	**Design and Implementation of Loan Management System** Mr.L.Nageswararao, Gadadasu Venkata Bhanu Prakash	163 - 164
83	**Online Voting System** Dr.Madhavarao, G.SrikanthReddy	165 – 166
84	**Electronic Waste: Challenges, Risks, and Sustainable Solutions** Mrs.K.venkateswari, Shaik Althaf	167 -168
85	**On Password Strength: A Survey and Analysis** Shaik Malik Basha, Mr. B. Krishna	169 – 170
86	**Unveiling Crime Hotspots: Using Machine Learning** B. Naveena, Dr. B. Krishna Prasad	171 -172
87	**Heart Disease Prediction in Cardiovascular Disease Using Logistic Regression** G. Hemalatha, Dr.Sabenabanu A	173 – 174
88	**Travel Treats Online Food Ordering System for Indian Railways** Mary Swarupa Dakori, A.Sai Ganesh	175 - 176
89	**Cloud Service composition using RedFox Algorithm** Dr. M. Kalimuthu, M.Abhigna	177 - 178
90	**Two Cloud Secure Database for Numeric- Related SQL Range Queries with Privacy Preserving** Mr. Gobinda Chandra Das, K.Sravani	179 – 180

91	**Face Motion and Eye Movement Detection** Mr.Ch.Nagaraju, S.Prathyusha	181 – 182
92	**LRFS: Online Shoppers' Behavior-Based Efficient Customer Segmentation Model** K.V.NavyaSri Lakshmi, Ch.Sarvani	183 – 184
93	**Network Traffic Analysis using Scapy in Python** Vecha Hanumantha Rao, Dr.B. Mouleswara Rao	185 - 186
94	**Accounting process and Financial Documentation practices in IB** V.Swathi, K Ramalingeswararo	187 – 188
95	**Secure Multi-Keyword Searchable Attribute-Based Encryption with Verification and Revocation for Cloud Storage** Ms.Ch.Satya Keerthi.N.V.L , Ms.Gollapudi Swathi	189 – 190
96	**Autism Prediction Using Machine Learning** V.Manisha	191 – 192
97	**JARVIS AI-Powered Live Video Chat Assistant Using Generative AI and NLP** K. Pramodh, L. Nageswara Rao	193 – 194
98	**Campus Connect: A Comprehensive Placement Support System** Mrs. Ch. Satya Keerthi.N.V.L, Mareedu Uday Kumar	195 – 196
99	**Cloud-Enabled Solution for Automated Community Management Platforms** V. Swathi, B. Naga Babu	197 – 198
100	**Cloud-Enabled Event Management System Platforms** B. Krishna, K. Jaswanth kumar	199 - 200
101	**Fast Phrase Search for Encrypted Cloud Storage** Mr.Ch.Madhava Rao, Ms. D.Chandana	201 – 202
102	**Time Series Weather Prediction** G.Srujana	203 -204
103	**Blindness Detection Using CNN** G.Sravani	204 – 206
104	**Money Scam Detector** P. Ramesh, G. Rakesh	207 - 208
105	**Crop Recommendation System Using Machine Learning** R.Tharaka Sri Sai Anjani Kumar, K.Leela Santosh Varma	209 - 210
106	**Cloud Based Conversational Interface for Enhanced User Engagement** J. Abraham Dinakaran, S. Srikar	211 -212

107	**Plant Disease Detection Using Deep Learning** Dr. ACP Ranjani, Barnana Maneesha	213 - 214
108	**LDSS-CP-ABE: A Proxy-Assisted Lightweight Data Sharing Scheme with Efficient Access Control and Revocation for Mobile Cloud Computing** V.Swathi, U.Monika	215 -216
109	**Pneumonia Detection Using Deep Learning** I.V.V.S.M. Adithya, Mrs. Ratnakumari	217 – 218
110	**Machine Learning Based Spam Detection on YouTube** D. Peddaswamy, Dr. Ch Kiran Kumar	219 -220
111	**Human Resource Management System** Penugonda N V Pavan Vinay Krishna Brahmaji, Dr.Acp Ranjani	221 - 222
112	**LSDedup: Layered Secure Reduplications for Cloud Storage** Dr. Ghufran Ahmad Khan, A.Tharun Kumar	223 - 224
113	**Salary Forecasting Using Machine Learning** D. Dineshbabu, Mrs. K. Venkateswari	225 -226
114	**Credit Card Fraud Detection using Machine Learning** D. Lakhmi Tirumala Rao, Mr.R.Asok Kumar	227 – 228
115	**Cloud-Based IoT System for Livestock Health Monitoring Using AWS and Python** R.Adarsh, T.S.V.S Sai Janardhan, V.Kesavardhan Chowdary, Mr. J.A Jevin	229 - 230
116	**Farm Link: Connecting Farmers with Local Farms** T V V Sai Prashanth Reddy, M V Sai Kiran, N Satish, P Malathi	231 - 232
117	**Snowflake-The Cloud Data ware house Housing Platform** Peddiboyina Trilokesh, Madasi Sireesha, Mr. R. Ashok Kumar	233 – 234
118	**Identifying and Resolving Crop Diseases Using AI** V Srujitha, Sk Amisha, S Harini, Dr K Chandra Bhushana Rao	235 – 236
119	**Real Time Personalized Physiologicallyt Based Stress Detection** A.HarshaVardhini, A.Somini, I.Vaishnavi, Mr.P.Neelakanteswara	237 – 238
120	**Vigil Eye - A Smart Surveillance System** Ch. Rupika, Ch. Jahnavi, T. Devi Priyanka, Dr K Bhagavan, Ms.P. Bushra Anjum	239 – 240
121	**Aushadhi: Revolutionizing Indoor Farming-as-a-Service in Urban Market** Vurity Aishwarya, Katikalla Elizabeth Rani, Kokillagadda Varsha, Shaik Sanjeer	241 – 242

122	**AI Resume Analyzer** Vignan K, Sai Ganesh D, Harin G, A.Somayajulu	243 -244
123	**Loan Approval Predication by Using Machince Leaning Algorithm** E.L.Prasanna, S.Raja Sena Reddy, K .Hemathkumar, Dr. Kiran kumar	245 – 246
124	**Detection of Human's Stress using Machine Learning and Image Processing** Jogi. Ramyasri, Bandi. Anusha, P.Harshavardhan Aravind, Dr.K.Bhagavan	247 – 248
125	**Smart Agriculture Using Machine Learning Techniques** K. Balaji, B.Nikitha, P.Snikitha, Mrs. M. M. Poornima	249 - 250
126	**A Study On UPI Fraud Detection Using Machine Learning Techniques** Adapa Simon Davis, Vegesna Yaswanth Amar Varma, Dr.V.Valli Mayil	251 – 252
127	**Advancing Sentimental Analysis with Machine Learning** K. Naga Deepak, M.Sai Ganesh, K.Hitendra, Mr. CH. Nagaraju	253 – 254
128	**Fake News Detection On News Article by Using K-Means and Agglomerative Clustering** P.GowthamBabu, BalaKondaReddy, AmarnathReddy, T.Hemalatha	255 -256
129	**Trapdoor Privacy in Public Key Encryption with Keyword Search** N. Akhilesh, Sk. Munni, Ch.Varshini, Dr. M.Ragini	257 – 258
130	**Life-Saving Organ Donation Network** V. Naga Naveena, S. Sai Sowmya, Bhavani, Dr. K. Kiran Kumar	259 – 260
131	**Veri Face AI Using CNN A Deep Learning Approach to Detect Deepfakes** Yadla Sujitha, Syed Aseeya, Ella Pravallika, Dr Ghufran Ahmad Khan	261 – 262
132	**Respiroguide: Lung Health Prediction Using Machine Learning** N. Tiru Gopi Simha, N. Darshan Reddy, SM. Abid Hussain, Dr. V. Valli Mayil	263 – 264
133	**Diabetes Prediction Using Random Forest** V. Nayandeep, J. Amruth Reddy, N. Dilip, Mrs. T. Hemalatha	265 – 266
134	**Blockchain Vote: An Ethereum Powered Voting Platform** K. Karthikeya, T. Yagnasai, Y. Chaitanya, Mr. CH. Nagaraju	267 – 268

135	**Towards a Greener Future: Evaluating and Optimizing Energy Efficiency in Cloud Infrastructure** K.Harshini, A.Malik Husna, P.Alekhya, Mrs.M.M.Poornima	269 – 270
136	**Docmate: A Fastapi-Powered AI System for Dynamic Document-Based Question Answering** Shaik Saman Nuzhat, Challa Jaswanthi, Shaik Mallika Begum, Mrs. Malathi Puligadda	271 - 272
137	**Enhancing Agricultural Productivity in Corn, Tomato,and Potato Through Machine Learning-Based DiseaseMonitoring** Bhumireddy Sriya Sathvika, Polavarapu Hema Chandrika, Revu Chandini, Dr. Rama Krishna Yellapragada	273 – 274
138	**A Study on Threat Detection Algorithms Using Machine Learning** B. Mayank, T. Prem Jedidiah, Y. Prajeeth, Dr. T. V. S. Narayana	275 – 276
139	**Deepfake Prediction Using Machine Learning** T.Sai Teja, Syed Abdul Rahim, D.Aakash Varma, Dr.R.Ashok Kumar	277 – 278
140	**Generating Human-Like Summaries with T5: An Interactive Approach** E. Priyanshu Varma, Ch. Sohan chakravarthi, K. Geetha Arun, Dr.B. Krishna Prasad	279 - 280
141	**Advancing Diabetes Prediction using Machine Learning** A.Sai Keerthana, G.Praneetha Lakshmi, K.CH P Amrutha Varshini, A.Siddhartha Reddy	281 – 282
142	**Machine Learning and Deep Learning in Health Care Predicting (Heart, Lung, Brain) Diseases** K.S.V.Sandeep, S.Dinesh Bharath, H.Gautam	283 -284
143	**Design and Improvement of Event Execution Software** N.Murali Karthik, K. Poornendra, A. Raja Maharshi, Tamma. Ratna Kumari	285 – 286
144	**Stock Market Price Prediction Using Deep Learning** V. Sathvika, K. Sri Swetha, Dr. Jeevan Jala	287 – 288
145	**Emotionally Intelligent Music Recommender: Leveraging Facial Expressions with Deep Learning** Sana Shirin .P, P. Harshitha, V. Charan Naga Sai, Mr. G. B. V. Kishore	289 -290
146	**Predictive Healthcare: Machine Learning for Health Monitoring** Ramayanapu Keerthi Priya, Vallamreddy Pavani Reddy, Dr. P Veankata Hari Prasad	291 – 292
147	**Smart Travel Recommendation System Based on Weather Analysis and AI** Madasu Abhishek, Battu Jyotsna, Ms. Sk Sanjeera	293 - 294

148	**Chat Bot Using Machine Learning** A. Yesu Kumar, Y. Dhanunjay Vardhan, S. Sumanth, Dr. P. Hari Prasad	295 - 296
149	**Roadside vehicle breakdown assistance and maintenance solution** B.Sowmya Raji, Sd.Sharmila, B.Bhanu Sri RatnaSekhar, Dr.V.S. Narayana Tinnaluri	297 – 298
150	**Optimizing Asthma Care with Predictive Machine Learning Models** D. Yagna Priya Reddy, R. Lakshmi Prasanna, K . Vasudha, Mr. A. Siddartha Reddy	299 – 300
151	**Prediction of Heart Health Diseases Using Machine Learning** B.Sri Sathvika, Pathan Mikhdhar, Shaik Salma, Dr.K.Bhagavan	301 – 302
152	**Social Network Phishing Website Detection** B.V. Abhiram, R. Himasrivani, B. Pujithai RatnaSekhar, A. Zubair, Dr. Jeevan Jala	303 - 304
153	**Smartbiz: Developing A Full Cycle Sales and Customer Engagement Apps On Salesforce** B.Abhilash, T.Dhatrika Sreelalitha, K.Deekshitha Reddy, Mr.H.Gautam	305 - 306
154	**Factual AI: Cutting - Edge AI for Precise Fake News Detection** V.Rishitha, L.Sreeja, P.Lakshmi Srinivas	307 – 308
155	**Advanced AIR Quality Index Prediction Through Transfer Learning Techniques** Chundu Loukya, Yarlagadda Apoorva, Mannava Tejasvi Mr. J A Jevin	309 - 310
156	**Misinformation Mitigator: A Machine Learning Project To Detect Fake News** M. Madhuri, M. Deekshitha, D. Sanjana Reddy, Mr. P. Venkata Hari Prasad	311 – 312
157	**Temporal Signal Insights: Patterns & Classification** Kanapala. Cherishma, P. Bhavitha, M. Roshitha, Mr. P. Neelakanteswaro	313 – 314
158	**Emotion-Based Music Recommendation System Using CNN** V. Hemanth, N. John, D. Yaswanth, Dr. B. Krishna Prasad	315 – 316
159	**Real Time Monitoring of Cotton Crop Disease Detection Using Hybrid CNN and Sagemaker** T Hanna Nekitha, M Vigneswari, M Mouli Ram Hanish, Dr. M. Ragini	317 – 318
160	**SMS Spam Detection Using Natural Language Processing** T.Rajasri, Dr.K. Chandra Bhushana Rao	319 - 320

161	**Secure Keylogging System for User Activity Monitoring** Pavuluri Sravani, Mrs.T Hemalatha	321 – 322
162	**Machine Learning and AI-Driven Insights for Early Detection and Prevention of Diabetes** Sachin Kumar, K. Sai Anusri, A. K. Pathak, Dr. G. A. Khan	323 – 324
163	**Techedge Learning (Professional IT Education Platform)** A.Venkateswara Rao, Ch.Chandu, Dr.Chundri Kiran Kumar	325 – 326
164	**Traffic Sign Detection and Recognition** P. Mahesh Reddy, A. Navaneeth Naidu, G. Sujith, Dr. MVN Kiran Babu	327 – 328
165	**Prediction of Diabetes Retinopathy using Logistic Regression** N. Sujith, S. Mahesh, U. Manikanta , Dr. Bandarupalli Mouleswara Rao	329 -330
166	**Geo Tagging of Blood Donors and Telemedicine For Early Health Care** J. Sudharshan, N. Phanindhar, M. Rami Reddy, Dr. Usha Rani	331 -332
167	**Predicting Heart Disease for A Healthier Tomorrow** P. Bhavika, R. Harsha Vardhan, K. Karthik, G. Venkateshwarlu	333 – 334
168	**Weather Analysis Using Machine Learning** G.Gnanasri, P.Maha Lakshmi, Lakshita	335 - 336
169	**Scream Recognition System for Security Enhancement** Ch. Nikhitha, D. Akhila, P. Geethanjali Mr.Ch. Phanikanth , Dr K Bhagavan	337 – 338
170	**Automatic Spam Detection Through Text Classification** Kamatham Praneeth, Afroz Sultana, Polineni Vaishnavi, Dr. M. Ragini	339 – 340
171	**Smart Vision: Object Recognition and Alert System for Enhancing Independence of Visually Impaired People** Shaik Jameela Bhanu, Kaku Devi Prasad, Palagani Annapurna, P. Ramesh	341 – 342
172	**Real Time Object Recognition Through Deep Learning** G. Anusha Angel, B. Sri Sai Pranathi, A. Siva Durga, Dr. D. Surendra	343 – 344
173	**E-Authentication System Using QR Code & OTP** Rankireddy Alekhya, Nimmana Rajitha Devi, D. Vikas Naik, Mr. L. Nageswar Rao	345 - 346
174	**Hospital Emergency Room Dashboard** S. Mithravindha, M. Sushma, S. Rishwanthi, Mr.Y.Rama Krishna	347 - 348

175	**Anticipating Software Defects Using Machine Learning Techniques** G.Abhishek, CH.Lokesh, G.Anusha, Dr. ACP. Ranjani	349 - 350
176	**The Future of Learning: A Comprehensive Online Platform** K. Yeshwanth Anjani kumar, S. Uma Maheswari, Mrs.V.Swathi	351 - 352
177	**Online Blood Bank System** Bolla Navya, Komati Bhargavi Mudiraj, Mr.B.Krishna	353 – 354
178	**Predicting Chronic Kidney Disease (CKD) Using Machine Learning Algorithms** N. Manideep, D. Lokesh, G. Rajesh, Mrs. D. Mary Swarupa	355 - 356
179	**Automatic Detection of Genetic Diseases in Pediatric Age Using Pupillometry** Anil kumar, Pavan Raj, Venkatesh, Mrs Avula Chitti	357 – 358
180	**Leveraging Matrix Operations for Cryptographic Security: A Novel Approach to Data Protection** J.Haritha, M.Tejaswini, B.Himaja, Ms.K.Venkateswari	359 - 360
181	**Prediction of Heart Disease Using KNN Algorithm** M.Sushma, N.Sindhura, B.Balaji, Dr.D.Mythrayee	361 – 362
182	**Building Chatbots** P. Aasritha, K. Shanmukhi, G. Uday kiran, Dr. Ramakrishna Yellapragada	363 – 364
183	**Smart Irrigation Using Artificial Intelligence and Intelligence of Things** K. Mounika, M. Anusha, E. Harshini, Dr.K. Kiran Kumar	365 - 366
184	**Cloud-Based Sentiment Analysis on Social Media Monitoring** CH.Poojitha, M.Manaswini, Mr.P.Neelakanteswara	367 – 368
185	**Real-Time Rain Prediction Using Machine Learning** Sodi Lepakshi, Gopu Moulika, Eevuri Manasa, Dr.MNV.Kiran Babu	369 – 370
186	**Real Time Web Based Conflict Free Collabaration Editor** S.Sharath Reddy, B.Madhuri, Ayisha, Dr P Venkata Hari Prasad	371 – 372
187	**End to End E-commerce Website using Azure** A. Uday Sri Harsha, Boddu Vishal, Vege Sri Krishna Dev, Mr.G B V Kishore	373 – 374
188	**Nutrition Deficiency Prediction System Using Machine Learning Techniques** P.Vamsi, N.Lakshmi Vinay, M.Koteswara Sai, Mr. R. Nagendra Babu	375 – 376
189	**Human Emotion Detection Using Deep Learning** Parlapalle Kedarnath Reddy, Senkarasetti Sai Venkat, Repalli Surya Teja, Ch.Phanikanth	377 – 378

190	**Recognization of Hand Written Digits Using Machine Learning** O.Chetan, AbdulAdil, B.VinayKumar, Dr.Siddhartha Reddy Aregakuti	379 – 380
191	**Improving Web User Behavior Simulation withClustering and Ant Colony Optimization** K.Alisha Yadav, Ch.Divya Teja, S.Yashvitha, Mr. D.Mary Swarupa	381 – 382
192	**Food Waste Management System** Mr. Gobindha Chandra Das, P.Krishna Kanth	383 – 384
193	**Disease Based Calorie Food Recommendation System** Dr K. Venkateswari	385 - 386
194	**Live Traffic Information Management System** Karri.Pavan Satya, Dr.M.Ragini	387 – 388
195	**Suspicious Traffic Pattern Analysis for DoS Detection** Bonthu Gowtham Reddy	389 – 390
196	**Cracking More Password Hashes with Patterns** K.Ragini, G.Venkateswarlu	391 – 392
197	**Automated Multilingual Voice Assistant with Emotion Recognition Using NLP** N. Lakshmi Prasanna, Mr. J. Abraham Dinakaran	393 – 394
198	**Data Secure De-Duplication and Recovery Based on Public Key Encryption with Keyword Search** T.Ratna Kumari, M.Manaswitha	395 - 396
199	**Cluster Analysis of Multiview Data through Concept Factorization** Mutyala Sirisha, Dr.ACP Ranjani	397 - 398
200	**Secure and Efficient Online Fingerprint Authentication Scheme Based on Cloud Computing** V. Swathi, K.V.N. Vaishnavi	399 - 400
201	**Comprehensive Review and Analysis of Cryptography Techniques in Cloud Computing** D.Usha Rani, D.Rohitha	401 – 402
202	**Driver Drowsiness Detection System** V. Naga Jyothi, Dr. K. Subrahmanyam	403 - 404
203	**Cloud-Based Resource Optimization for Virtualized Environments** Dr. M.Ragini, D.Geethika	405 -406
204	**Detection of Fraudulent Images in Vehicle Insurance Claims Using CNN** B. Yamini, Ms. Mary Swarupa	407 – 408

NATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH IN COMPUTER SCIENCE & APPLICATIONS

9th & 10th May,2025

Organized by

Department of Computer Science and Application

Koneru Lakshmaiah Education Foundation

EMINENT SPEAKERS

Prof. P. SURESH VARMA

Former Vice Chancellor
Adikavi Nannaya University
Rajahmundry,Andhra Pradesh

Prof. ERUKALA SURESH BABU

Department of Computer Science and Engineering
NIT WARANGAL

NATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH IN COMPUTER SCIENCE & APPLICATIONS

Date: 9th & 10th May,2025

About the Conference:

The National Conference on Multidisciplinary Research in Computer Science & Applications aims to bring together researchers, academicians, industry professionals, and students to discuss the latest advancements, trends, and challenges in computer science and its applications across various domains. This conference serves as a platform for knowledge sharing and collaboration among multidisciplinary researchers.

Registration Details

Industry participants:	Rs.1000
Faculty participants :	Rs. 500
Research Scholars :	Rs.300
Students :	Rs.200

Important Dates

Registration opening
20th April,2025

Last Date for Registration
30th April,2025

Last Date for Abstract Submission
2nd May,2025

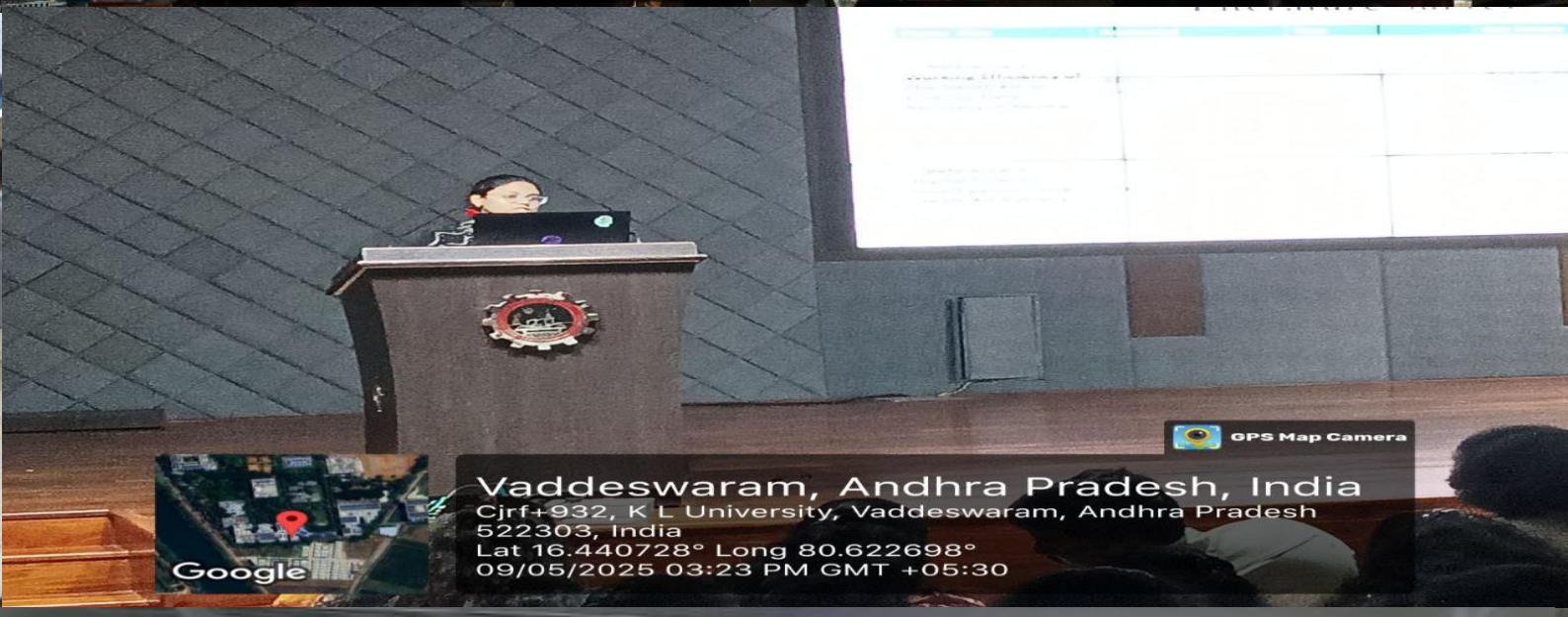
Acceptance intimation
5th May,2025

Submission of full-length papers
8th May,2025

EVENT SPEAKERS

GPS Map Camera
Vaddeswaram, Andhra Pradesh, India
Cjrf+932, K L University, Vaddeswaram, Andhra Pradesh 522303, India
Lat 16.440742° Long 80.622608°
09/05/2025 02:36 PM GMT +05:30
Google

GPS Map Camera
Vaddeswaram, Andhra Pradesh, India
Cjrf+932, K L University, Vaddeswaram, Andhra Pradesh 522303, India
Lat 16.440712° Long 80.62273°
09/05/2025 02:47 PM GMT +05:30
Google
02:48


GPS Map Camera
Vaddeswaram, Andhra Pradesh, India
Cjrf+932, K L University, Vaddeswaram, Andhra Pradesh 522303, India
Lat 16.440728° Long 80.622698°
09/05/2025 03:23 PM GMT +05:30
Google

Welcome To
GPS Map Camera
Vaddeswaram, Andhra Pradesh, India
Cjrf+932, K L University, Vaddeswaram, Andhra Pradesh 522303, India
Lat 16.440746° Long 80.62265°
09/05/2025 03:35 PM GMT +05:30
Google

ఆంధ్రప్రభ

కంప్యూటర్ అప్లికేషన్స్‌లో పరిశోధనలపై జాతీయ సదస్సు

తాడేపల్లి, మే 9 (ఆంధ్రప్రభ): కే ఎల్ డీమ్డ్ విశ్వ విద్యాలయం బీసీఏ మరియు యంసీఏ విభాగాలు సంయుక్తంగా నిర్వహించిన కంప్యూటర్ అప్లికేషన్స్ లో బహుళ శాఖా పరిశోధనలపై జాతీయ స్థాయి సదస్సు ని సైన్స్ కళాశాల ప్రిన్సిపాల్ ఆచార్య కే . సుబ్రహ్మణ్యం జ్యోతి ప్రజ్వలన తో ప్రారంభించారు. ఈ సదస్సు కు ముఖ్య అతిధిగా ఆదికవి నన్నయ యూనివర్సిటీ మాజీ వైస్ ఛాన్సలర్ ఆచార్య పీ . సురేష్ వర్మ , గౌరవ అతిధిగా యెన్ ఐ టీ, వరంగల్ ఆచార్యులు ఈ . సురేష్ బాబులు విచ్చేసారు. ఈ సందర్భంగా వారు మాట్లాడుతూ, రాబోయే రోజుల్లో ఆర్టిఫిషల్ ఇంటలిజెన్స్, డేటా

జ్యోతి ప్రజ్వలన చేస్తున్న సైన్స్ కళాశాల ప్రిన్సిపాల్ సుబ్రహ్మణ్యం

సైన్స్ , సైబర్ సెక్యూరిటీ లు అన్ని రంగాలలో విప్లవాత్మకమైన మార్పులు తీసుకు రానున్నాయని వాటిని అందుకోవాల్సిన అవసరం ప్రతి ఒక్క విద్యార్థికి ఉందని తెలిపారు. ఎవరైనా అప్డేట్ కాకపోతే అవుట్ డేట్ అయిపోవాల్సిందేనని హెచ్చరించారు. ఇటువంటి సదస్సులు విద్యార్థులు, పరిశోధకులు విషయాలపై సమగ్ర పట్టు సాధిం చడానికి ఉపయోగ పడతాయన్నారు.

200 లకు పైగా విద్యార్థులు తమ పరిశోధన పత్రాలు , ప్రాజెక్ట్స్ ఇందులో ప్రదర్శించడాన్ని వారు అభినందిం చారు. రిజిస్ట్రార్ సుబ్బారావు మాట్లా డుతూ విద్యార్థుల సర్వతోము ఖాభివృద్ధి కి యూనివర్సిటీ చేస్తున్న కార్యక్రమా లను వివరించారు. ఈ కార్యక్రమం లో వర్శిటీ ఇంచార్జి వైస్ చాన్సలర్ డాక్టర్ కె.రాజశేఖరరావు, ప్రో వైస్ చాన్సలర్లు డాక్టర్ ఎవిఎస్.ప్ర సాద్, డాక్టర్ ఎన్.వెంకట్ రామ్, రిజిస్ట్రార్ డాక్టర్ కె.సుబ్బారావు, ఎం సీ ఎ విభాగ అధిపతి కిరణ్, బీసీఏ విభాగ అధిపతి భగవాన్, సదస్సు కోఆర్డినే టర్స్ కిరణకుమార్, వెంకటేశ్వర రావు, అధ్యాపకులు రామకృష్ణ కిరణ్ బాబు, తదితరులు పాల్గొన్నారు.

10/05/2025 | Guntur | Page : 7
Source : https://epaper.prabhanews.com

The Department of Computer Science and Applications at KLEF successfully organized the ***National Conference on Multidisciplinary Research in Computer Science & Applications*** on 9th and 10th May 2025. The conference served as a premier platform to unite academicians, industry professionals, researchers, and students to discuss contemporary trends, innovations, and challenges in various areas of computer.

With over 204 participants, the conference covers cutting-edge domains such as Artificial Intelligence, Data Science, Cyber Security, and Cloud Computing. The event received more than 600 abstracts, out of which 204 were accepted, and the same full-

length papers were submitted for inclusion in the proceedings with an ISBN-978-93-342-9221-3.

Keynote sessions were delivered by distinguished speakers:

- ***Prof. P. Suresh Varma***, Former Vice Chancellor, Adikavi Nannaya University
- ***Prof. Erukala Suresh Babu***, NIT Warangal

The conference was inaugurated by the Hon'ble Registrar, **Dr K. SUBBARAO**, and was guided by the leadership of Chief Patrons and Organizing Committee members. The sessions were marked by active discussions, knowledge exchange, and enthusiastic participation from all delegates.

The organizing committee expresses sincere gratitude to all participants, reviewers, speakers, and volunteers for making the event a grand success. The department remains committed to fostering research, innovation, and academic collaboration through such initiatives in the future.

By:
Dr. K. Subrahmanyam
Conference Chairman
Principal, College of Sciences
KL University Vijayawad.
Dated: 10th May 2025