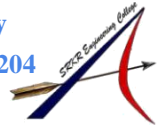




**SRKR ENGINEERING COLLEGE(A)**  
(AFFILIATED TO JNTUK, Kakinada & Recognized by A.I.C.T.E. Govt. of India) (Accredited by  
N.B.A., A.I.C.T.E., New Delhi) China Amiram, BHIMAVARAM, W.G. Dist., A.P., INDIA:Pin:534204



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ASSOCIATION OF COMPUTER ENGINEERS**

**ML Xplore**

## **ML Xplore**

- Event** : ML Xplore
- Target Audience** : 2<sup>nd</sup> years
- Date** : 8<sup>th</sup> and 9<sup>th</sup> January- 2025
- Time** : 9:00AM-4:30PM
- Venue** : 8<sup>th</sup>(CSE mini auditorium&CSE seminar hall)  
9<sup>th</sup>(CSE mini auditorium & CSE labs-4,5,6)
- Registration fee** : 100/- for ACE and 150/- for NON-ACE

### **Faculty Coordinators:**

- Ch.Ravi Swaroop
- D.Hema Latha

### **Student Coordinators:**

- K.Praveen
- A.Nagendra
- G.Nikhila

## **Resource Persons:**

- Ch.Ajay
- E.Adithya Srikar

## **Mentors :**

- M.Eswari
- K.Dhamodar
- B.Sathwika
- M.Bhargav
- K.Yuvaraj
- K.Dharani
- V.Sai Vignesh
- B.Ajay
- V.Harsha
- K.Bala Giridhar
- A.Pujitha

## **Poster :**

- V.Sai Vignesh

## **Certificates printing and Snacks :**

- A.Karthik
- G.Sai Akash

## **Campaigning :**

Batch 1:

Ch.Ajay

K.Dharani

Batch 2:

V.Sai Vignesh

E.Adithya Srikar

Batch 3:

M.Eswari

B.Sathwika

Batch 4:

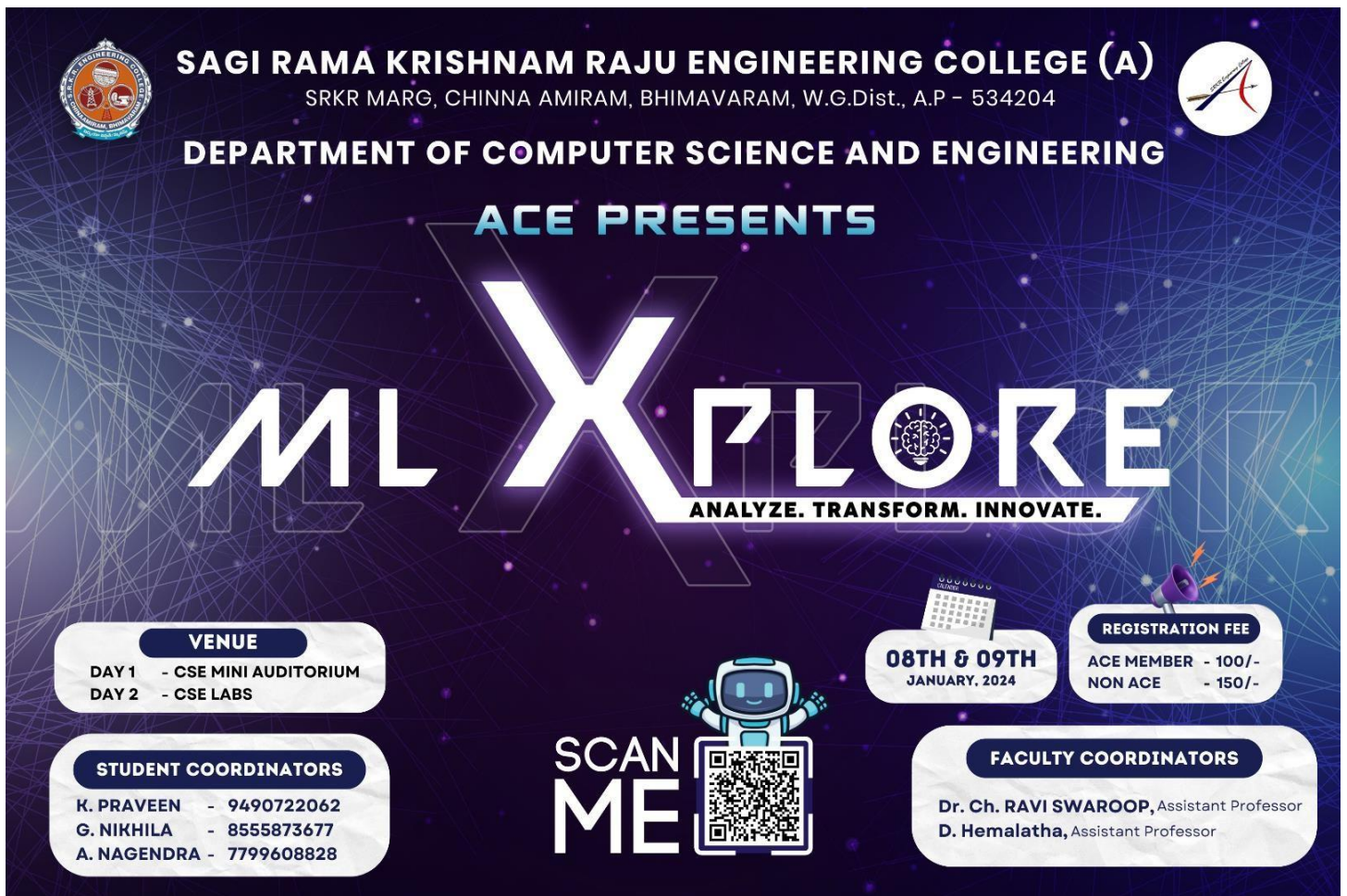
A.Karthik

M.Bhargav

An effective and interactive campaign has been conducted by Ebm's from class to class in which the details about event and event flow is explained.

Information Shared during Campaign is:

- Introduction of Machine learning its models.
- The relevance of ML in solving real-world problems.
- Encouraged beginners to explore ML with simplified concepts and tools.
- Conducted a hands-on project for practical ML implementation.



The poster features a dark blue background with a network of white lines and dots. At the top left is the college logo, and at the top right is a circular logo with a stylized 'A'. The main title 'ML Xplore' is in large, white, stylized letters, with 'X' being the largest. Below it is the tagline 'ANALYZE. TRANSFORM. INNOVATE.' in white. The event details are presented in white rounded rectangular boxes with blue accents. A QR code is positioned in the center, with a small robot icon above it. The text 'SCAN ME' is written in large white letters to the left of the QR code.

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A)**  
SRKR MARG, CHINNA AMIRAM, BHIMAVARAM, W.G.Dist., A.P - 534204

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACE PRESENTS**

**ML Xplore**  
ANALYZE. TRANSFORM. INNOVATE.

**VENUE**  
DAY 1 - CSE MINI AUDITORIUM  
DAY 2 - CSE LABS

**STUDENT COORDINATORS**  
K. PRAVEEN - 9490722062  
G. NIKHILA - 8555873677  
A. NAGENDRA - 7799608828

**08TH & 09TH**  
JANUARY, 2024

**REGISTRATION FEE**  
ACE MEMBER - 100/-  
NON ACE - 150/-

**FACULTY COORDINATORS**  
Dr. Ch. RAVI SWAROOP, Assistant Professor  
D. Hemalatha, Assistant Professor

**SCAN ME**

# Campaigning photos:



## **Registrations:**

Registration's Google form:

- K.Dhamodar

A Registration fee of rupees 100/- is for ACE members and 150/- for NON-ACE members. Also to solve issues regarding google form or for offline payments a desk was placed at CSE Department. The event received a total of 245 registrations on which 156 are ACE and 89 are NON-ACE.

Batch 1:

V.Sai Vignesh

E.Adithya Srikar

N.Shyam

Batch 2:

K.Dhamodar

G.Nikhila

A.Nagendra

## **Event Inauguration :**

Event started with the presence of the CSE head of the department Dr.Bh.V.S.R.K.Raju sir, Dean of Academics Dr.V.Chandra Sekhar Sir, Coordinator of ACE and event D.Hemalatha mam and Coordinator of the event Dr.Ch.Ravi Swaroop sir. And with the Inspiring speech of Ramakrishnam Raju sir, Chandra Sekhar sir and Hemalatha madam the event has been successfully started.



## Day 1: Introduction to Machine Learning Concepts

The first day focused on building a strong foundation in ML. The key topics covered are:

- **What is Machine Learning?** - Understanding the basics and types of ML.
- **Supervised vs. Unsupervised Learning** - Exploring the differences between classification, regression, and clustering.
- **Essential ML Algorithms** - Overview of linear regression, logistic regression, decision trees, and more.
- **Model Evaluation Metrics** - Understanding accuracy, precision, recall,  $R^2$  score, and other evaluation metrics.
- **Introduction to Mini-Projects** - Participants were introduced to two major problem types they would work on: classification and regression.





○ Wednesday, January 08 2025, 02:01:09 PM  
○ C Block, Tammi Raju Nagar, Chinamiram Rural, Bhimavaram, Andhra Pradesh 534204, India  
○ 16° 32' 36" N, 81° 29' 44" E -47m



○ Wednesday, January 08 2025, 02:02:00 PM  
○ C Block, Tammi Raju Nagar, Chinamiram Rural, Bhimavaram, Andhra Pradesh 534204, India  
○ 16° 32' 36" N, 81° 29' 44" E -44m




## Day 2: Hands-on Project Implementation

On the second day, participants worked on mini-projects that focused on classification and regression tasks. They were provided with datasets and guided through the process of:

- **Data Preprocessing** - Cleaning and preparing the data for modeling.
- **Feature Selection & Engineering** - Identifying the most relevant features for better model performance.
- **Building ML Models** - Implementing classification and regression models using Python (scikit-learn, pandas, and matplotlib).
- **Model Evaluation & Improvement** - Analyzing model performance and applying techniques such as hyperparameter tuning.
- **Project Submission & Discussion** - Participants presented their findings, and mentors provided feedback.





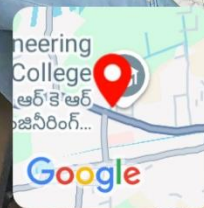
 GPS Map Camera



Bhimavaram, Andhra Pradesh, India  
Gfw+84v, Tammi Raju Nagar, Bhimavaram, Chinamiram  
Rural, Andhra Pradesh 534204, India  
Lat 16.543191° Long 81.495405°  
09/01/25 03:17 PM GMT +05:30



🕒 Thursday, January 09 2025, 01:57:39 PM  
📍 GFVW+84V, Tammi Raju Nagar, Bhimavaram, Chinamiram  
Rural, Andhra Pradesh 534204, India  
📍 16° 32' 35" N, 81° 29' 43" E -40m





### **Valedictory Session & Prize Distribution :**

The workshop concluded with a valedictory session, where esteemed faculty members addressed the participants and shared their insights on the event's success.

- **Dr. Ramakrishnam Raju Sir, HoD**, addressed the gathering, appreciating the enthusiasm of the participants and the efforts of the organizers.
- **Event coordinators, Hemalatha Mam and Swaroop Sir**, highlighted the key takeaways from the workshop and encouraged students to continue exploring ML.

- **Dr. G.N.V.G.Sirisha, AIML In-Charge**, spoke about the importance of practical learning in machine learning and motivated students to build more projects.





## Certifications:

**Winner Certificates:** The top 3 winning teams were awarded certificates for their excellent project submissions.

**3<sup>rd</sup> best achievers :**



**2<sup>nd</sup> best achievers :**



## 1<sup>st</sup> best achievers :



**Participation Certificates:** All students who actively participated in the two-day workshop received participation certificates as recognition of their dedication and engagement.



**S.R.K.R ENGINEERING COLLEGE (A)**

Accredited NAAC with A+, Approved by AICTE, Affiliated to JNTU Kakinada  
SRKR MARG, Chinnamiram, Bhimavaram - 534204



## CERTIFICATE OF PARTICIPATION

This Certificate Is Given To

**D. Jyothsna**

Has successfully learned the basics of the **Machine Learning Workshop** organized by the **Association of Computer Engineers**, Department of CSE, SRKR Engineering College.



A handwritten signature in black ink, likely belonging to Dr. Bh.V.S.R.K.Raju.

Dr. Bh.V.S.R.K.Raju  
HOD-CSE  
SRKREC

### **Student's Feedback :**

Two students took the stage to share their experiences of the workshop. They expressed how ML Xplore helped them gain deeper insights into machine learning concepts and provided them with the confidence to work on ML projects. They appreciated the hands-on approach, guidance from mentors, and the opportunity to collaborate with peers. Their feedback highlighted the workshop's effectiveness in making ML more accessible and engaging.



## **Conclusion :**

ML Xplore successfully provided participants with both theoretical knowledge and practical exposure to machine learning. By the end of the workshop, attendees had built functional ML models and gained hands-on experience in applying machine learning to real-world problems. The event concluded on a high note, with participants feeling motivated to continue their ML journey.