ACE
Engineering College
An AUTONOMOUS Institution
Ghatkesar, Medchal (Dist), Hyderabad, Telangana State – 501 301
(NBA Accredited B.Tech Courses Accredited NAAC with A Grade 3.20 CGPA)
Phone: 9133308533, 468, website: www.aceec.ac.in

ज्ञान-विज्ञान विमुक्तये

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Report

3 days Workshop

On

Exploratory Data Analysis & Machine Learning

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

1. Introduction

In the era of data-driven decision-making, the ability to analyze and interpret data has become an essential skill for engineers and researchers. Exploratory Data Analysis (EDA) serves as the foundation for understanding datasets, identifying patterns, and detecting anomalies before applying advanced machine learning techniques. To equip students with these critical skills, the **Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning)**, ACE Engineering College, organized a **3-Day Workshop on Exploratory Data Analysis & Machine Learning** from **6th to 8th August 2025** in collaboration with the **McArit Technical Club**.

The workshop focused on providing **hands-on training** using Python libraries such as **Pandas, NumPy, Matplotlib, and Scikit-learn**. Through practical sessions and real-world dataset analysis, participants learned to preprocess, visualize, and model data effectively. This initiative aimed to bridge the gap between theoretical concepts and industry-relevant skills, empowering students to apply data science techniques confidently in academic and professional projects.

2. Objectives

- The **3-Day Workshop on Exploratory Data Analysis (EDA) & Machine Learning** was designed with the primary goal of enhancing students' practical skills in data science and its associated tools. The specific objectives were as follows:

1. **To provide hands-on experience in Exploratory Data Analysis (EDA)**
    - The workshop aimed to familiarize students with the complete EDA process, enabling them to clean, transform, and interpret raw data. Through real-world datasets, participants practiced identifying patterns, trends, and outliers, laying the foundation for meaningful data-driven insights.

2. **To enhance students' knowledge of key Python data science libraries**
    - **Pandas** – To develop proficiency in data manipulation, filtering, aggregation, and transformation, empowering students to handle structured datasets efficiently.
    - **NumPy** – To strengthen numerical computing capabilities, including operations on multidimensional arrays and mathematical functions for fast and efficient computation.
    - **Matplotlib** – To acquire skills in creating clear, informative, and aesthetically pleasing data visualizations for effective communication of findings.
    - **Scikit-learn (Sklearn)** – To gain practical exposure to machine learning models, preprocessing techniques, and evaluation methods for building predictive solutions.

3. **To equip participants with skills to preprocess, visualize, and analyze data effectively**
    - By integrating concepts from all four libraries, students learned how to transform raw datasets into meaningful visual stories, and how to apply suitable machine learning algorithms for classification, regression, and clustering tasks. This holistic approach aimed to prepare students for academic research, industrial applications, and competitive coding challenges in the data science domain.

3. Approval Letter

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Date: 24-07-2025

To,
The Principal,
ACE Engineering College

Subject: Request for approval for organizing 3-Day Workshop on Exploratory Data Analysis from 6th Aug 2025 to 8th Aug 2025 as part of industry-relevant knowledge.

Respected Sir,

I am writing to seek your kind approval for organizing a **3-Day Workshop** on **"Exploratory Data Analysis"** from 6th Aug 2025 to 8th Aug 2025 in offline mode from 09:30 AM to 04:30 PM. The objective of this workshop is to equip them with the skills and knowledge to effectively analyze and understand datasets through hands-on exploration. We plan to invite eminent speakers and experts from our institution to share their insights and best practices. The program will include interactive sessions, hands-on workshops, and discussions that will contribute significantly to the professional development of our students.

I kindly request your approval and support to proceed with the necessary arrangements. Your encouragement will go a long way in making this workshop a success and in enriching the academic environment of our institution.

Thank you for your time and consideration.

Yours Sincerely,

Dr. S. Kavitha,
Head- CSE(AI&ML)

permitted
Keela
24/07/25

4. Poster & Brochure

Agenda:

SESSION 1: DATASETS
- Introduction to Datasets
- Types of Data (Structured, Unstructured, Semi-structured)
- Types of Variables (Numerical, Categorical, Ordinal, etc.)
- Sources of Public Datasets
- Kaggle, UCI, Data.gov, etc.
- Understanding Dataset Formats
- CSV, Excel, JSON, SQL, etc.
- Dataset Selection Criteria
- Size, Cleanliness, Relevance, Class Distribution
- Dataset Examples for Practice
- Titanic, Iris, Mall Customers, Heart Disease dataset etc.

SESSION 2: DATA PREPROCESSING
- Data Cleaning
- Handling missing values
- Removing duplicates
- Correcting data types
- Data Transformation
- Encoding categorical variables (Label, One-Hot)
- Feature scaling (Standardization, Normalization)
- Feature Engineering
- Creating new features
- Outlier Detection & Handling
- Different plotting techniques
- Dealing with Imbalanced Datasets
- Over-sampling (SMOTE), Under-sampling
- Splitting Data
- Train-test split

SESSION 3: DATA VISUALIZATION
- Univariate Analysis
- Histogram, Bar Chart, Pie Chart
- Bivariate/Multivariate Analysis
- Scatter plot, Boxplot, Heatmap.
- Correlation Analysis
- Pearson correlation, Heatmaps
- Time Series Visualization
- Line plot, Rolling average
- Categorical vs Numerical plots

SESSION 4: MACHINE LEARNING ALGORITHMS

Classification Algorithms:
- Logistic Regression
- Decision Trees
- Random Forest
- k-Nearest Neighbors (k-NN)
- Naïve Bayes
- Support Vector Machines (SVM)

Clustering Algorithms:
- k-Means Clustering
- Hierarchical Clustering
- DBSCAN

Evaluation Metrics:
- Confusion Matrix
- Accuracy, Precision, Recall, F1-Score
- ROC Curve, AUC

SESSION 5: MACHINE LEARNING BASED PREDICTION PROJECTS
- Titanic Survival Prediction (binary classification)
- Iris Species Prediction (multi-class)
- Spam/Ham Email Classification (text-based)
- Student Pass/Fail Prediction (using demographics/scores)
- Heart Disease Prediction
- Customer Segmentation (Mall Customers dataset)
- Grouping News Articles (TF-IDF + KMeans)
- Market Basket Clustering (using purchase data)

About the College:

ACE Engineering College was established in 2007 by Yadala Satyanarayana Memorial Educational Society with the fundamental objective of nurturing the group of nascent talent of young minds aspiring to make career in engineering into a pool of valuable and employable engineers. In addition, they understand their responsibility to willfully render services to the society with dignity and accountability. Prof. Y. V. Gopala Krishna Murthy, an Educationist, Engineer, Motivator, and founder of ACE Engineering Academy is at the helm of academic affairs in the college. The Academy, a premier coaching center for GATE, ESE(IES) and Public Service Commission selections conducted by various state governments for recruitment of engineering graduates, is the most sought-after coaching center and has been consistently contributing toppers to all the premier technological institutions in India viz., IITs, IISc, NITs and other universities. The Academy, in the last two decades of its committed services in the training and coaching sectors for engineering graduates across the country, has produced toppers in Engineering Services, as also state service Commissions recruitments.The college offers B.Tech courses in CE, EEE, ME, ECE, CSE, CSE (AI & ML), CSE (DS), CSE (IoT), and IT Branches. CE, EEE, ME, ECE and CSE course are NBA accredited. The college is Conferred Autonomous status for ten years w.e.f AY 2020-21.

About the Department:

Artificial Intelligence (AI) and Machine Learning (ML) are revolutionizing industries by enabling systems to perform human-like tasks such as perception, speech recognition, decision-making, and translation. As businesses worldwide embrace AI/ML for agility, innovation, and scalability, the demand for skilled professionals is rising.
To meet this need, ACE Engineering College offers a four-year B.Tech program in CSE (AI & ML) with an intake of 180 students. The program blends foundational principles with advanced technologies like neural networks, natural language processing, robotics, deep learning, and computer vision.
The curriculum is designed to equip students with the skills to solve complex problems and adapt to the evolving tech landscape, preparing them for successful careers in cutting-edge domains.

ACE Engineering College
(Approved by AICTE & Affiliated to JNTUH)
AN AUTONOMOUS INSTITUTION | ACEG

Department of CSE
(Artificial Intelligence & Machine Learning)

3 Days Workshop on Exploratory Data Analysis & Machine Learning
Sklearn, Pandas, Numpy, Matplotlib

Certificate Will be Provided

Date: 6th Aug 2025 to 8th Aug 2025
Time: 9:30 AM to 4:30 PM

Chief Patrons:
Prof. Y. V. Gopala Krishna Murthy
(General Secretary)
Mr. Y. V. Raghu Vamsi
(Chief Operating Officer, Office of the General Secretary)

Patrons:
Dr. M. Keshava Reddy
(Principal)
Mrs. Mamatha Rao Pasumarthi
(Director- Administration and Operations Management)
Dr. M. Murali
(Vice Principal)

Convenor:
Dr. Kavitha Soppari
HoD CSE(AI&ML)

Resource Persons:
Dr. Atul Kumar Ramotra
Mr. D. Ranjith
Mr. Shashank Tiwari

Organising Committee:
Mr. S. Venkatesh
Mr. R. Rajesh
Mrs. J. Bhargavi

5. Program Agenda

SESSION 1: DATASETS

- Introduction to Datasets
- Types of Data (Structured, Unstructured, Semi-structured)
- Types of Variables (Numerical, Categorical, Ordinal, etc.)
- Sources of Public Datasets
- Kaggle, UCI, Data.gov, etc.
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SESSION 2: DATA PREPROCESSING

- Data Cleaning
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- Scatter plot, Boxplot, Heatmap
- Correlation Analysis
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SESSION 4: MACHINE LEARNING ALGORITHMS

Classification Algorithms:

- Logistic Regression
- Decision Trees
- Random Forest
- k-Nearest Neighbours (k-NN)
- Naive Bayes
- Support Vector Machines (SVM)

Clustering Algorithms:

- k-Means Clustering
- Hierarchical Clustering
- DBSCAN

Evaluation Metrics:

- Confusion Matrix
- Accuracy, Precision, Recall, F1-Score
- ROC Curve, AUC

SESSION 5 & 6: MACHINE LEARNING BASED PREDICTION PROJECTS

- Titanic Survival Prediction (binary classification)
- Iris Species Prediction (multi-class)
- Spam/Ham Email Classification (text-based)
- Student Pass/Fail Prediction (using demographics/scores)
- Heart Disease Prediction
- Customer Segmentation (Mall Customers dataset)
- Grouping News Articles (TF-IDF + KMeans)
- Market Basket Clustering (using purchase data)

6. Program Schedule

Day 1

Time	Session / Topic
09:30 – 09:45	Inauguration / Introduction to the Workshop
09:45 – 10:30	**Introduction to Datasets** & Types of Data (Structured, Unstructured, Semi-structured)
10:30 – 11:15	Types of Variables (Numerical, Categorical, Ordinal, etc.)
11:15 – 11:30	Tea / Short Break ☕
11:30 – 12:15	Sources of Public Datasets (Kaggle, UCI, Data.gov, etc.)
12:15 – 12:30	Dataset Formats (CSV, Excel, JSON, SQL)
12:30 – 01:30	Lunch Break 🍴
01:30 – 02:15	Dataset Selection Criteria (Size, Cleanliness, Relevance, Class Distribution)
02:15 – 02:45	Dataset Examples for Practice (Titanic, Iris, Mall Customers, Heart Disease)
02:45 – 03:15	Data Cleaning (Missing Values, Duplicates, Data Types)
03:15 – 03:30	Tea / Short Break ☕
03:30 – 04:00	Data Transformation (Encoding: Label, One-Hot; Feature Scaling: Standardization, Normalization)
04:00 – 04:30	Feature Engineering (New Features, Outliers, Plotting, Handling Imbalanced Data, Train-Test Split) + Wrap-Up

Day 2

Time	Session / Topic
09:30 – 09:45	Recap of Day 1 & Introduction to Data Visualization
09:45 – 10:30	**Univariate Analysis** – Histogram, Bar Chart, Pie Chart
10:30 – 11:15	**Bivariate/Multivariate Analysis** – Scatter Plot, Boxplot, Heatmap
11:15 – 11:30	Tea / Short Break ☕
11:30 – 12:15	**Correlation Analysis** – Pearson Correlation, Heatmaps
12:15 – 12:30	**Time Series Visualization** – Line Plot, Rolling Average, Categorical vs Numerical Plots
12:30 – 01:30	Lunch Break 🍴
01:30 – 02:00	**Introduction to Machine Learning** – Supervised vs Unsupervised
02:00 – 02:30	Classification: Logistic Regression, Decision Trees
02:30 – 03:00	Classification: Random Forest, k-Nearest Neighbours (k-NN)
03:00 – 03:15	Tea / Short Break ☕
03:15 – 03:45	Classification: Naive Bayes, Support Vector Machines (SVM)
03:45 – 04:15	Clustering: k-Means, Hierarchical, DBSCAN
04:15 – 04:30	Evaluation Metrics (Confusion Matrix, Accuracy, Precision, Recall, F1, ROC, AUC) + Wrap-Up

Day 3

Time	Session / Topic
09:30 – 09:45	Recap of Day 2 & Introduction to ML Projects
09:45 – 10:30	**Titanic Survival Prediction** (Binary Classification)
10:30 – 11:15	**Iris Species Prediction** (Multi-class Classification)
11:15 – 11:30	Tea / Short Break ☕
11:30 – 12:15	**Spam/Ham Email Classification** (Text-based NLP Project)
12:15 – 12:30	**Student Pass/Fail Prediction** (Demographics & Scores)
12:30 – 01:30	Lunch Break 🍴
01:30 – 02:15	**Heart Disease Prediction** (Healthcare Dataset)
02:15 – 02:45	**Customer Segmentation** (Mall Customers – Clustering)
02:45 – 03:15	**Grouping News Articles** (TF-IDF + KMeans)
03:15 – 03:30	Tea / Short Break ☕
03:30 – 04:15	**Market Basket Clustering** (Purchase Data – Association & Clustering)
04:15 – 04:30	Final Wrap-Up: Review of Projects, Q&A, Feedback

7. Resource Person(s)

i. **Speaker Name :** Shashank Tiwari

College Name: ACE ENGINEERING COLLEGE

Specialization: M.Tech

Biodata:

ii. **Speaker Name :** D. RANJITH

College Name: ACE ENGINEERING COLLEGE

Specialization: M.Tech (Ph.D)

Biodata:

iii. **Speaker Name :** ATUL KUMAR RAMOTRA

College Name: ACE ENGINEERING COLLEGE

Specialization: M.E, Ph.D

Biodata:

8. Key Personnel

- **Chief Patrons:**
    - Prof. Y. V. Gopala Krishna Murthy – General Secretary
    - Mr. Y. V. Raghu Vamsi – Chief Operating Officer
- **Patrons:**
    - Dr. M. Keshava Reddy – Principal
    - Mrs. Mamatha Rao Pasumarthi – Director – Administrative and operations Management
    - Dr. M. Murali – Vice Principal
- **Convenor:**
    - Dr. S. Kavitha – HoD, CSE (AI & ML)
- **Coordinator:**
    - Mrs. J Bhargavi – Assistant Professor, CSE (AI & ML)

9. Participants List

The Workshop witnessed active participation from over **48 Students** from CSE(AI&ML) department indicating a strong interest in Machine Learning.

Registration Form

S. No	Roll No	Name
1	24AG1A6601	A.Srivalli
2	24AG1A6602	A.Meghana
3	24AG1A6603	B.Tejaswi
4	24AG1A6605	B.Vaishnavi
5	24AG1A6607	Pallavi Bingi
6	24AG1A6608	B. Anusha
7	24AG1A6610	Pradeepthi
8	24AG1A6613	Naga Bharathi Bucheti
9	24AG1A6616	Dadi Dharani Reddy
10	24AG1A6617	D Harika
11	24AG1A6618	Varshini devasani
12	24AG1A6619	Devedi Sangeetha
13	24AG1A6620	Dumbala Priya Darshini
14	24AG1A6622	G. Pranitha
15	24AG1A6624	G. Hemanth
16	24AG1A6625	G.Jwala
17	24AG1A6626	G. Pranitha
18	24AG1A6630	Manasa Kanchibatla
19	24AG1A6638	K.Nandini
20	24AG1A6639	Kurnala Pranavi Sai
21	24AG1A6641	M Sri Krishna Chaitanya
22	24AG1A6642	Makthala Hansika

23	24AG1A6644	Mohammed Amir
24	24AG1A6645	Muddam Kusumitha
25	24AG1A6647	N Shashank vishnu datta
26	24AG1A6649	N.vasudev
27	24AG1A6650	Supriya
28	24AG1A6651	Padigela Bhuvana
29	24AG1A6655	Samhika Puli
30	24AG1A6656	Sai rohith
31	24AG1A6657	S Manaswini
32	24AG1A6660	SHRAVYA SREE KOTAGIRI
33	24AG1A6661	T MAMATHA
34	24AG1A6662	V KRISHNA CHAITHANYA
35	24AG1A6663	V.prasanna
36	24AG1A6664	Yelugam Saikiran
37	24AG1A6666	Ayesha siddiqua
38	24AG1A6668	Banoth Rahul Nayak
39	24AG1A6669	B.Lokesh
40	24AG1A6678	Devi. vamshi
41	24AG1A6682	Gonnakuti Chandra Charan tej
42	24AG1A6683	Guguloth Mahesh Babu
43	24AG1A6684	Gugulothu Pavani
44	24AG1A6688	Kandula Johnce Priya
45	24AG1A6691	K Srikanth
46	24AG1A6693	KATROTHU VIGNESH
47	24AG1A6694	K.lokesh
48	24AG1A6697	SAKETH
49	24AG1A6698	Venu madhava.macha
50	24AG1A6699	M Akhil

51	24ag1a66a1	Siddarth Ganta
52	24AG1A66A5	Nagolola Pranitha
53	24AG1A66A6	Megha Nampally
54	24ag1a66a7	Nelaveni Dhansini
55	24AG1A66B0	SWETHA NUCHU
56	24AG1A66B1	Nukabathini Navadeep
57	24AG1A66B2	Pamba Vignesh
58	24AG1A66B3	P.Naveen
59	24AG1A66B9	Shaik Farhanuddin
60	24AG1A66C1	P.Shiva Varshith
61	24AG1A66C4	Kushal
62	24AG1A66C6	Vakiti Deeksha Reddy
63	24AG1A66C8	Y Vishnu Murthy
64	24AG1A66D1	Allam Sai Sohan
65	24AG1A66D3	A Bhanu Prakash
66	24AG1A66D4	B Sushruth jadav
67	24AG1A66D7	B.sai venkat narshima reddy
68	24AG1A66E0	Abhiram Chennojwala
69	24AG1A66E1	Chilakalapudi Sharon
70	24AG1A66E4	D.Sai Charan Reddy
71	24AG1A66E6	Chandana D
72	24AG1A66F0	E.Dharani
73	24AG1A66F3	Shruthi G
74	24AG1A66F6	J. Abhinav Reddy
75	24AG1A66F8	K.Neha
76	24AG1A66F9	Kancharla Lavanya
77	24AG1A66G1	K.Nandhini
78	24AG1A66G2	Srihas Pavan

79	24AG1A66G3	Keerthi Bhuvanasri
80	24AG1A66G4	K.Sai Akshitha
81	24AG1A66G6	Kummari Pranav
82	24AG1A66H0	Tanishqa Medisetti
83	24AG1A66H4	Moroju Hindu
84	24AG1A66H7	Poorna Nelakanti
85	24AG1A66I1	S D YAMINI
86	24AG1A66I2	Samhith
87	24AG1A66I3	Ameer Shaik
88	24AG1A66I4	S.Pravalika
89	24AG1A66I5	Vishnu Siliveri
90	24AG1A66I7	Tapasi Shah
91	24AG1A66I9	Vaddepally Sathish
92	24AG1A66J0	vallakati.Tejasri
93	24AG1A66J1	V.Susmitha
94	24AG1A66J2	V Saitejasri

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

3 Days Workshop on Exploratory Data Analysis & Machine Learning

Attendance Sheet

S. No	Roll No	Name	06-08-25		07-08-25		08-08-25	
1	24AG1A6613	Naga Bharathi Bucheti						
2	24AG1A6630	Manasa Kanchibatla						
3	24AG1A6639	Kurnala Pranavi Sai						
4	24AG1A6642	Makthala Hansika						
5	24AG1A6644	Mohammed Amir						
6	24AG1A6645	Muddam Kusumitha						
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8	24AG1A6649	N.Vasudev						
9	24AG1A6655	Samhika Puli						
10	24AG1A6656	Sai Rohith						
11	24AG1A6682	Gonnakuti Chandra Charan Tej						
12	24AG1A6688	Kandula Johnce Priya						
13	24AG1A6694	K.Lokesh						
14	24AG1A6697	Saketh						
15	24AG1A6698	Venu Madhava.Macha						
16	24AG1A66A5	Nagolola Pranitha						
17	24AG1A66A6	Megha Nampally						
18	24AG1A66B0	Swetha Nuchu						

19	24AG1A66B2	Pamba Vignesh						
20	24AG1A66B9	Shaik Farhanuddin						
21	24AG1A66C6	Vakiti Deeksha Reddy						
22	24AG1A66D7	B.Sai Venkat Narshima Reddy						
23	24AG1A66E0	Abhiram Chennojwala						
24	24AG1A66E6	Chandana D						
25	24AG1A66F3	Shruthi G						
26	24AG1A66F8	K.Neha						
27	24AG1A66F9	Kancharla Lavanya						
28	24AG1A66G3	Keerthibhuvanasri						
29	24AG1A66G4	K.Sai Akshitha						
30	24AG1A66H0	Tanishqa Medisetti						
31	24AG1A66H4	Moroju Hindu						
32	24AG1A66I1	S D Yamini						
33	24AG1A66I4	S.Pravalika						
34	24AG1A66I5	Vishnu Siliveri						
35	24AG1A66I7	Tapasi Shah						
36	24AG1A66J0	Vallakati.Tejasri						
37	24AG1A66H6	N Ankit Sagar						
38	24AG1A6665	Alan Santhosh						
39	24AG1A6676	Ch Sai ~~Shoubhit~~ Shobith						
40	24AG1A6692	K Abhilash						
41	24AG1A6612	Snigdha						
42	- LE	T. Rithvikesh Goud						
43	~~25A~~ -LE	Shaik farhan						
44	24AG1A6689	K.V. Ramana Rao						
45	24AG1A66AU	Mohammed Amaan Ali						
46	24AG1A66A1	G. Manisiddarth						
47	24AG1A66C2	S. Shareth						

77	B.pallavi							
78	24AG1A6607	B.pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
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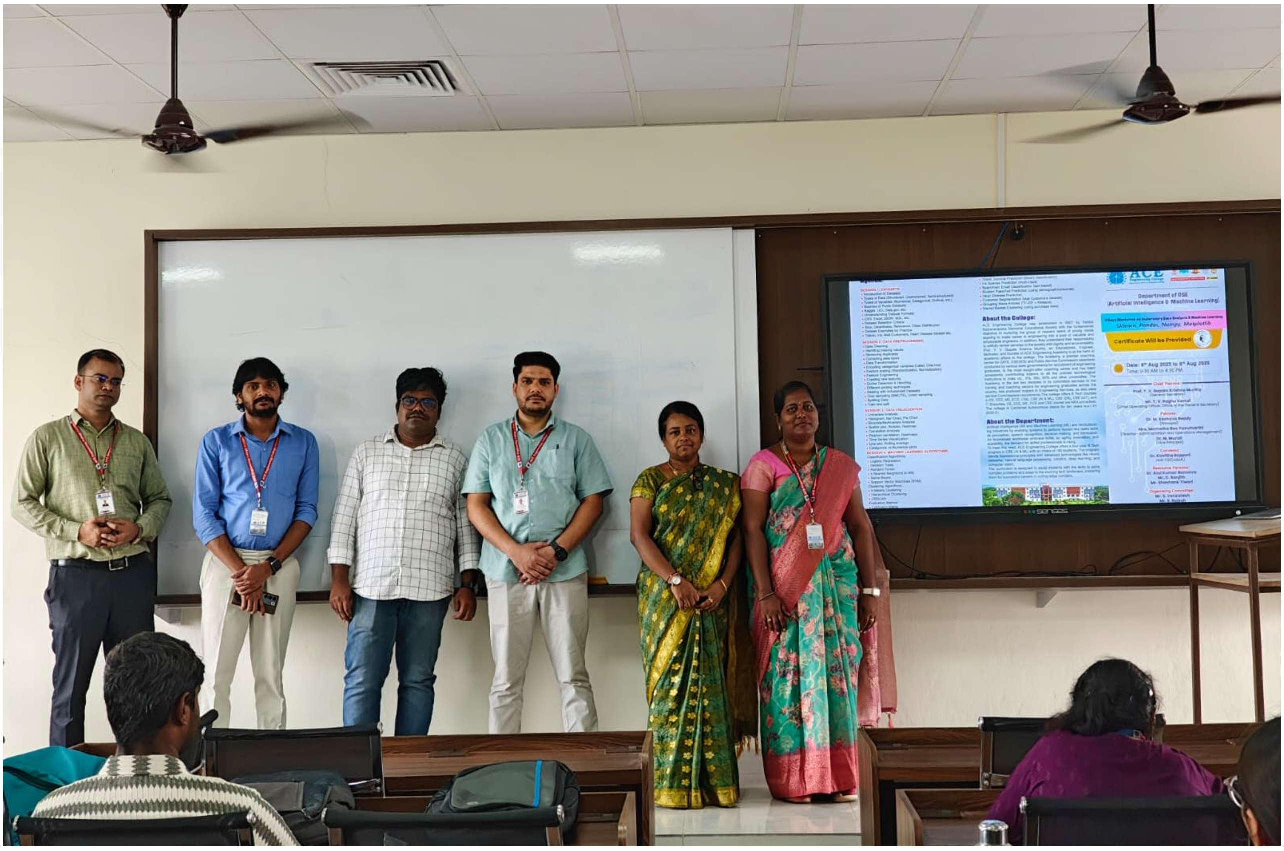
10.Participants Screenshots

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11. Feedback

Session 1

Name	Was the workshop Organized well?	Were the concepts explained clearly?	Was the sessions interactive and engaging?	Were the queries resolved?	Did the session met your expectations?	How would you rate the overall session?	Do you have any suggestions?
Keshetty sai akshith	Yes	Yes	Yes	Yes	Yes	7	Good
Siddarth ganta	Yes	Yes	Yes	No	No	5	Nope
SWETHA NUCHU	Yes	Yes	Yes	Yes	Yes	8	Nothing
Sai Shobith	Yes	Yes	Yes	Yes	Yes	9	Everything was good and up to expectations excep for the internet.
Kandula Johnce Priya	Yes	Yes	Yes	Yes	Yes	8	NA
Alan Santhosh	Yes	Yes	Yes	Yes	Yes	9	Internet Issues
B.sai Venkat narshima reddy	Yes	Yes	Yes	Yes	Yes	10	It's a very good workshop for beginners
Gonnakuti Chandra Charan tej	Yes	Yes	Yes	Yes	Yes	7	Internet issues
Samhika Puli	Yes	Yes	Yes	Yes	Yes	9	No
Manasa Kanchibatla	Yes	Yes	Yes	Yes	Yes	9	No
PAMBA VIGNESH	Yes	Yes	Yes	Yes	Yes	8	no
Megha N	Yes	Yes	Yes	No	No	8	No, its quite good
Kusumitha	Yes	Yes	Yes	Yes	Yes	9	No
SAKETH	Yes	Yes	Yes	Yes	Yes	7	No
Moroju Hindu	Yes	Yes	Yes	Yes	Yes	10	No
Tapasi Shah	Yes	Yes	Yes	Yes	Yes	10	Nope
Keerthibhuvanasri	Yes	Yes	Yes	Yes	Yes	10	Very informative and useful Thank u so much sir
Vakiti Deeksha Reddy	Yes	Yes	Yes	Yes	Yes	9	No
S.pravalika	Yes	Yes	Yes	Yes	Yes	10	No
K.Neha	Yes	Yes	Yes	Yes	Yes	8	No everything is fine
Snigdha	Yes	Yes	Yes	Yes	Yes	7	No Suggestions
M.Satya Sri Tanishqa Bhargavi	Yes	Yes	Yes	Yes	Yes	9	no
Katroju Abhilash	Yes	Yes	Yes	Yes	Yes	6	Network problem should be solved
Makthala Hansika	Yes	Yes	Yes	Yes	Yes	6	No
Vishnu Siliveri	Yes	Yes	Yes	Yes	No	8	Everything is done properly but not

							eveything is understandable properly making it joyful so that it can be a worthwhile session is a good idea
N.vasudev	Yes	Yes	Yes	Yes	Yes	10	No
Abhiram Chennojwala	Yes	Yes	Yes	Yes	Yes	9	I believe more topics could be covered within the given time.
TALLA RITHVIKESH GOUD	Yes	Yes	Yes	Yes	Yes	8	.
Shaik Farhan	Yes	Yes	Yes	Yes	Yes	8	No i donâ€™t think there is an drawback
N Shashank Vishnu datta	Yes	Yes	Yes	Yes	Yes	10	They should invite mnc companies hr to give us someidea about cooperate world
Mohammed Amir	Yes	Yes	Yes	Yes	Yes	9	No
vallakati.tejasri	Yes	Yes	Yes	Yes	Yes	10	nothing

Session 2

Name	Section	Was the workshop Organized well?	Were the concepts explained clearly?	Was the sessions interactive and engaging?	Were the queries resolved?	Did the session met your expectations?	How would you rate the overall session?	Do you have any suggestions?
Samhika Puli	A	Yes	Yes	Yes	Yes	Yes	10	No
Manasa Kanchibatla	A	Yes	Yes	Yes	Yes	Yes	10	No
Kusumitha	A	Yes	Yes	Yes	Yes	Yes	10	No
Snigdha	A	Yes	Yes	Yes	Yes	Yes	8	No suggestions
Megha N	B	Yes	Yes	Yes	Yes	Yes	10	No
SWETHA NUCHU	B	Yes	Yes	Yes	Yes	Yes	7	No
SAKETH	B	Yes	Yes	Yes	Yes	Yes	8	No
Sai Shobith	B	Yes	Yes	Yes	Yes	Yes	9	Network issues
Vakiti Deeksha Reddy	B	Yes	Yes	Yes	Yes	Yes	10	No

Gonnakuti Chandra Charan tej	B	Yes	Yes	Yes	Yes	Yes	7	Network issues
Siddarth ganta	B	Yes	Yes	Yes	Yes	No	5	Nope
Kandula Johnce Priya	B	Yes	Yes	Yes	Yes	Yes	8	NA
N.vasudev	A	Yes	Yes	Yes	Yes	Yes	10	No
pamba vignesh	B	Yes	Yes	Yes	Yes	Yes	8	no
Alan Santhosh	B	Yes	Yes	Yes	Yes	Yes	9	Internet Issues
Makthala Hansika	A	Yes	Yes	Yes	Yes	Yes	7	No
Vishnu Siliveri	C	Yes	Yes	Yes	Yes	Yes	10	Nope
Katroju Abhilash	B	Yes	Yes	Yes	Yes	Yes	6	Net issues to be solved
B.sai venkat narshima reddy	C	Yes	Yes	Yes	Yes	Yes	10	It's a good experience
Tapasi Shah	C	Yes	Yes	Yes	Yes	Yes	10	No
Moroju Hindu	C	Yes	Yes	Yes	Yes	Yes	10	No
N Shashank Vishnu datta	A	Yes	Yes	Yes	Yes	Yes	10	They should invite mnc companies hr to give us someidea about cooperate world
S.pravalika	C	Yes	Yes	Yes	Yes	Yes	10	No
Keerthibhuvanasri	C	Yes	Yes	Yes	Yes	Yes	10	No
M. Satya Sri Tanishqa Bhargavi	C	Yes	Yes	Yes	Yes	Yes	10	NO
Mohammed Amir	A	Yes	Yes	Yes	Yes	Yes	9	No
Abhiram Chennojwala	C	Yes	Yes	Yes	Yes	Yes	10	No suggestions. Ranjith sir explained in a clear way.
Sai akshitha	C	Yes	Yes	Yes	Yes	Yes	10	No
vallakati.tejasri	C	Yes	Yes	Yes	Yes	Yes	10	no

Session 3

Name	Section	Was the workshop Organized well?	Were the concepts explained clearly?	Was the sessions interactive and engaging?	Were the queries resolved?	Did the session met your expectations?	How would you rate the overall session?	Do you have any suggestions?
Mohammed Amir	A	Yes	Yes	Yes	Yes	Yes	8	No
Samhika Puli	A	Yes	Yes	Yes	Yes	Yes	10	No suggestions
N Shashank Vishnu Datta	A	Yes	Yes	Yes	Yes	Yes	10	In this workshop if any top mnc companies employees or else hr should come and give motivation
Manasa Kanchibatla	A	Yes	Yes	Yes	Yes	Yes	10	No
Kusumitha	A	Yes	Yes	Yes	Yes	Yes	10	No
SAKETH	B	Yes	Yes	Yes	Yes	Yes	8	No
Snigdha	A	Yes	Yes	Yes	Yes	Yes	8	No suggestions
SWETHA NUCHU	B	Yes	Yes	Yes	Yes	Yes	7	No
Vakiti Deeksha Reddy	B	Yes	Yes	Yes	Yes	Yes	10	No
Siddarth ganta	B	Yes	Yes	No	No	No	4	Nope
Gonnakuti Chandra Charan tej	B	Yes	Yes	Yes	Yes	Yes	7	Network issues
N.vasudev	A	Yes	Yes	Yes	Yes	Yes	10	No
Megha N	B	Yes	Yes	Yes	No	Yes	10	No
Kandula Johnce Priya	B	Yes	Yes	Yes	Yes	Yes	8	NA
Alan Santhosh	B	Yes	Yes	Yes	Yes	Yes	9	Internet Issues
Vishnu Siliveri	C	Yes	Yes	Yes	Yes	Yes	10	No

B.sai venkat narshima reddy	C	Yes	Yes	Yes	Yes	Yes	10	It's a good experience
Sai Shobith	B	Yes	Yes	Yes	Yes	No	9	Network issues
Moroju Hindu	C	Yes	Yes	Yes	Yes	Yes	10	No
Tapasi Shah	C	Yes	Yes	Yes	Yes	Yes	10	No
PAMBA VIGNESH	B	Yes	Yes	Yes	Yes	Yes	8	no
Makthala Hansika	A	Yes	Yes	Yes	Yes	Yes	8	No
S.pravalika	C	Yes	Yes	Yes	Yes	Yes	10	No
M. Satya Sri Tanishqa Bhargavi	C	Yes	Yes	Yes	Yes	Yes	10	NO
Keerthibhuvanasri	C	Yes	Yes	Yes	Yes	Yes	10	Super explanation and very understandable sir
Abhiram Chennojwala	C	Yes	Yes	Yes	Yes	Yes	10	No suggestions. Ranjith sir explained in a clear way.
Sai akshitha	C	Yes	Yes	Yes	Yes	Yes	9	No
vallakati.tejasri	C	Yes	Yes	Yes	Yes	Yes	10	no

Session 4

Name	Section	Was the workshop Organized well?	Were the concepts explained clearly?	Was the sessions interactive and engaging?	Were the queries resolved?	Did the session met your expectations?	How would you rate the overall session?	Do you have any suggestions?
Mohammed Amir	A	Yes	Yes	Yes	Yes	Yes	9	No
Samhika Puli	A	Yes	Yes	Yes	Yes	Yes	10	Want to participate in more workshops like this
Nagula Shashank Vishnu Datta	A	Yes	Yes	Yes	Yes	Yes	10	They should invite mnc companies hr to give us someidea about cooperate world
Manasa Kanchibatla	A	Yes	Yes	Yes	Yes	Yes	10	Want more workshops like this
PAMBA VIGNESH	B	Yes	Yes	Yes	Yes	Yes	8	no
SAKETH	B	Yes	Yes	Yes	Yes	Yes	8	No
Gonnakuti Chandra Charan tej	B	Yes	Yes	Yes	Yes	Yes	7	Network issues
N.vasudev	A	Yes	Yes	Yes	Yes	Yes	10	No
24AG1A6692	B	Yes	Yes	Yes	Yes	Yes	6	Internet issues
Kusumitha	A	Yes	Yes	Yes	Yes	Yes	10	Want More workshops like this
Siddarth ganta	B	Yes	Yes	No	No	No	3	Nope
Kandula Johnce Priya	B	Yes	Yes	Yes	Yes	Yes	9	NA
Megha N	B	Yes	Yes	Yes	No	Yes	8	No

B.sai venkat narshima reddy	C	Yes	Yes	Yes	Yes	Yes	10	It's a good experience
SWETHA NUCHU	B	Yes	Yes	Yes	Yes	Yes	8	No
Vakiti Deeksha Reddy	B	Yes	Yes	Yes	Yes	Yes	7	No
Alan Santhosh	B	Yes	Yes	Yes	Yes	Yes	9	Internet Issues
Vishnu Siliveri	C	Yes	Yes	Yes	Yes	No	7	Idk like the first one making it easy to learn isn't the same as making it interesting even though hard
Sai Shobith	B	Yes	No	Yes	Yes	No	6	-
Moroju Hindu	C	Yes	Yes	Yes	Yes	Yes	10	No
Tapasi Shah	C	Yes	Yes	Yes	Yes	Yes	9	No
M. Satya Sri Tanishqa Bhargavi	C	Yes	Yes	Yes	Yes	Yes	8	NO
Snigdha	A	Yes	Yes	Yes	Yes	Yes	10	No
Abhiram Chennojwala	C	Yes	Yes	Yes	Yes	Yes	10	I believe more topics can be covered in the given timespan. Atul sir need to explain in a normal or fast pace
S.pravalika	C	Yes	Yes	Yes	Yes	Yes	9	No
Akshitha	C	Yes	Yes	Yes	Yes	Yes	10	Noo
vallakati.tejasri	C	Yes	Yes	Yes	Yes	Yes	10	no