AI CLUB

Our club helps students from a variety of backgrounds develop a practical understanding of computational intelligence (AI) and work together to apply programming techniques to games, robotics, or any other AI-related project you can think of.

Objectives:

1. The main purpose of Artificial Intelligence Club is to facilitate discussion, learning, and interest in the field of artificial intelligence, organize AI experts and researchers to present their findings and thoughts to educate students.
2. To build and assist others with projects related to artificial intelligence.
3. To connect students with opportunities and do publications in this field.
4. Some examples of the events we host include speakers within the field, artificial intelligence technology workshops to teach students how to use and incorporate AI, and more.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Artificial Intelligence (AI) Club

AI CLUB ACTIVITY LIST: III-I & II SEM (2022-23)

Sl No	Week #	Proposed Activity	Remarks
1	Week-1	Introduction about AI Club to students	
2	Week-2	Registration of Club members.	
3	Week-3	Working on Titles / Applications	
4	Week-4	Working on AI Applications	
5	Week-5	Project Abstract & Software Installations related to Applications	
6	Week-6	Project Executions	
7	Week-7	Project Executions	
	Week-8	Supporting students to participate in atleast one Activity (Outside College) and giving presentations of their projects.	

AI CLUB Coordinator **HOD (CSE)**

CMR ENGINEERING COLLEGE

UGC AUTONOMOUS

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AI CLUB

ATTENDANCE LIST (2022-2023)

S.NO.	NAME OF THE STUDENT	ROLL NO	SIGNATURE
1.	Ashish	208R1A0505	Ashish
2.	Shravan	208R1A0519	Shravan
3.	Sunny kumar	208R1A0557	Sunykumar
4.	Abdul samad	208R1A0534	Abdul Samad
5.	G. Naveen	218R5A0505	Naveen
6.	K. Praveen	208R1A0528	Praveen
7.	K. Sandeep	208R1A0529	Sandeep
8.	B. Sai Vikas	208R1A0510	Saivai
9.	K. Sridhar	208R1A0526	Sridhar
10.	N. Siri	208R1A0540	Siri
11.	T. Diamond Ishritha	208R1A0558	Ishritha

FACULTY SIGNATURE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AI CLUB

ATTENDANCE LIST (2022-2023)

S.NO.	NAME OF THE STUDENT	ROLL NO	SIGNATURE
1.	Apeksha Mankar	208R1A05C4	
2.	Syed Naveed Faizal	208R1A05H3	
3.	G. Swathi	208R1A0509	
4.	J. Bishwas Reddy	208R1A05E3	
5.	B. Nithin Reddy	208R1A05C9	
6.	G.V. Sriram	208R1A05E0	
7	Naveen Reddy	208R1A05F4	
8.	B. Vishwanath Sai	208R1A05D0	
9.	Ch. Sathish	208R1A05D1	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AI CLUB

ATTENDANCE LIST (2022-2023)

S.NO.	NAME OF THE STUDENT	ROLL NO	SIGNATURE
1	T. Deepthi	208R1A05B6	deep:
2	J. Nithin	208R1A0578	Nith
3	K. Ashish	208R1A0583	Ashish
4	R. Uday	208R1A05A6	Uday
5.	R. Venugopal	208R1A05A8	Venu
6	V. Sai chandu	208R1A05B9	Sai.
7	G. Poojitha	208R1A0575	Pooj.
8	P. Emmanuel Abhilash	208R1A0599	Abhi.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AI CLUB

ATTENDANCE LIST (2022-2023)

S.NO.	NAME OF THE STUDENT	ROLL NO	SIGNATURE
1.	P. Sravanthi	218R5A0520	Sravanthi
2.	K. Sathvika	208R1A05K8	Sath
3.	J. Vashwanth	208R1A05K3	Vash
4.	V. Madhukaram	208R1A05N8	Madhu
5.	P. Shiva Kumar	208R1A05M3	Shiva
6.	S. Prashanth	208R5A0524	Prash
7.	S. Naveen Nageeh	208R1A05N5	Naveen
8.	T. Pramay Vikas	208R1A05N6	Pramay
9.	P. Mallikarjuna	208R1A05L7	Mallik

FACULTY SIGNATURE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Artificial Intelligence (AI) Club

AI CLUB ACTIVITY LIST: III-I & II SEM (2023-24)

Sl No	Week #	Proposed Activity	Remarks
1	**08th Sep 2023**	Club members Registration begins.	
2	**16th to 23rd Sep 2023**	Training Started from Traid Techno Services Pvt Ltd, Hyderabad (In house)	
3	**30th to 07th Sep 2023**	Training by the Company to Club Students.	
4	**07th to 14th Oct 2023**	Project Abstract & Software Installations.	
5	**11th to 18th Nov 2023**	Project Executions	
6	**25th to 09 Dec 2023**	Project Executions	
7	**16th Dec 2023**	Event--Club Idea Presentation	
8	**Upto 30 June 2024**	Make the each students to participate in atleast one Activity (Outside College) and giving presentations of their projects.	

AI CLUB Coordinator **HOD (CSE)**

CMR Engineering College
Department of CSE

III Year AI Club

Batch	Name	Roll No.	Title	Sign
1	J Pooja	218R1A0589	VEHICLE TRACKING AND SPEED ESTIMATION FROM TRAFIC VIDEOS	
	K.Prathibha	218R1A0591		
	thrupthi	218R1A0503		
	nikitha	218R1A0515		
2	sirisha	218R1A0507	PLAGARISM DETECTION	
	sukeerthi	218R1A0554		
	P. SIVA SAI PAVAN PRAKASH	218R1A05L0		
	M. ARAVIND	218R1A05H3		
3	P.Reethika	218R1A05B6	WEAPON DETECTION USING FASTER RCNN	
	R.Anjali	218R1A05B9		
	Akshaya CH	218R1A05L0		
	vignesh	218R1A0536		
4	L Harshavardhan	218R1A0594	TOWARDS DETECTION AND ATTRIBUTION OF CYBER ATTACK IN IOT ENABLE CYBER PHYSICAL	
	M.Srinath	218R1A05A3		
	T Sruthilaya	218R1A05L9		
	G. Shreya	218R1A05F0		
5	nandihta	218R1A0550	HELMET DETECTION	
	T.Venkatesh	218R1A05C5		
	S. VINAY	218R1A05L4		
	Vyshnavi	218R1A05J9		
6	divya	228R5A0502	IRIS RECOGNITION	
	sindhu	228R5A0501		
	Kengeri Abhishek	218R1A05M5		
	Lipika reddy	218R1A05M7		
7	P.Saisadhika	218R1A05A8	SIGN LANGUAGE RECOGNISTION TO TEXT AND VOICE USING CNN	
	S. SAI MANIDEEP	218R1A05L8		
	Ashritha	218R1A05N4		
	prabhas	218R1A0505		
8	B.Nandini Reddy	218R1A0573	PREDICTION OF IDENTICAL TWINS USING ML	
	bindu	218R1A0519		
	rekha priya	218R1A0555		
	Manasa	218R1A05A4		
9	khusali	218R1A0549	REALISTIC IMAGE GENERATION OF FACE FROM TEXT	
	Anush varma	218R1A05M3		
	M. SAIKIRAN REDDY	218R1A0516		
	P.Gnana Prakash	218R1A05B0		
10	raghavendra	218R1A0529	EMOJI BASED EXPRESSSION	
	Kalsapur Abhishek	218R1A05J7		
	Sindhuja	218R1A05H5		
	G. Ananya	218R1A05D4		
11	tarun	218R1A0539	WOMEN SAFETY ANALYSIS	
	Narasimha	218R1A05N2		
	S. LAKSHMI SINDHU	218R1A05L6		
	Saniya	218R1A05C3		
12	akshith	218R1A0532	CAPTCHA RECOGNITION USING CNN	
	Akshaya G	218R1A05M1		
	J. SASANKH VARMA	218R1A05F8		
	Vidhyasagar	218R1A05K3		
	N.Akshith Raj	218R1A0567		

13	B.Karuna sri	218R1A0571	IDENTIFYING BRAIN TUMOUR USING XRAY IMAGES	
	G Navya	218R1A05E9		
	T. Amruta	218R1A05D2		
14	M. MAHESH CHANDRA	218R1A0515	EYE BALL CURSOR MOVEMENT	
	B Uday Kiran	218R1A05D6		
	Rekha	218R1A05K1		
	B.Sathwika	218R1A0575		
15	M. CHANDANA	218R1A05G9	FAKE LOGO DETECTION	
	P. DEEKSHITHA SRI	218R1A0518		
	Shiva	218R1A05L3		
	Maheshwari	218R1A0521		

CMR ENGINEERING COLLEGE
DEPARTMENT OF CSE

III YEAR AI CLUB

Batch	name	roll no	Title	Sign
1	J.Pooja	218r1a0589	Vehicle Tracking and Speed Estimation from Traffic Videos	
	K.Prathibha	218r1a0591		K.Prathibha
	thrupthi	218r1a0503		
	nikitha	218r1a0515		
2	sirisha	218r1a0507	plagarism Detection	
	sukeerthi	218r1a0554		
	P. SIVA SAI PAVAN PRAKASH	218R1A05l0		
	M. ARAVIND	218R1A05H3		
3	P.Reethika	218r1a05b6	weapon Detection using Faster RCNN	
	R.Anjali	218r1a05b9		
	Akshaya CH	218R5A05L0		
	vignesh	218r1a0536		
4	L Harshavardhan	218r1a0594	Towards Detection and Attribution of cyberattack in IoT enable cyberphysicalsm	
	M.Srinath	218r1a05a3		
	T.Sruthilaya	218R1A05l9		
	G. Shreya	218R1A05F0		
5	nandihta	218r1a0550	Helmet Detection	
	T.Venkatesh	218r1a05c5		
	S. VINAY	218R1A05l4		
	Vyshnavi	218R5A05J9		
6	divya	228r5a0502	Iris Recognition	
	sindhu	228r5a0501		
	Kengeri Abhishek	218R1A05M5		
	Lipika reddy	218R1A05M7		
7	P.Saisadhika	218r1a05a8	Sign Language Recognition to Text and voice using CNN	
	S. SAI MANIDEEP	218R1A05l8		
	Ashritha	218R5A05N4		
	prabhas	218r1a0505		
8	B.Nandini Reddy	218r1a0573	Prediction of Identical Twins using ML	
	bindu	218r2a0519		
	rekha priya	218r1a0555		
	Manasa	218r1a05a4		
	khusali	218r1a0549		
	Anusb varma	218R1A05M3	~~Watermarking Images~~ Realistic Image generation of face from text	
	M. SAIKIRAN REDDY	228R5A0516		
	P.Gnana Prakash	218r1a05b0		
10	raghavendra	218r1a0529	Emoji based facial Expression	
	Kalsapur Abhishek	218R1A05J7		
	Sindhuja	218R1A05H5		
	G. Ananya	218R1A05D4		
11	tarun	218r1a0539	Women Safetyanalysis	
	Narasimha	218R1A05N2		
	S. LAKSHMI SINDHU	218R1A05l6		
	Saniya	218r1a05c3		
12	akshith	218r1a0532	Captcha Recognition using CNN	
	Akshaya G	218R5A05M1		
	J. SASANKH VARMA	218R1A05F8		
	Vidhyasagar	218R1A05K3		
13	N.Akshith Raj	218r1a0567	Identifying Brain Tumour using X-Ray Images	
	B.Karuna sri	218r1a0571		
	G Navya	218R1A05E9		
	T Amruta	218R1A05D2		
14	M. MAHESH CHANDRA	228R1A0515	Eye Ball cursor Movement	
	B Uday Kiran	218R1A05D6		
	Rekha	218R1A05K1		
	B.Sathwika	218r1a0575		
15	M. CHANDANA	218R1A05G9	Fake Logo Detection	
	P. DEEKSHITHA SRI	228R5A0518		
	Shiva	218R1A05L3		
	Maheshwari	228R5A0521		

AI CLUB COORDINATOR

HOD

TRIAD TECHNO SERVICES

AI Club

College: CMREC

Day wise Report

Department: CSE

S.No	Date	Topics Covered	Attendance	Trainer Signature	Coordinator Signature
1.	8/9/23	Introduction to AI, Goals of AI	55/60	T.Vamsikrishna	16/9/23
2.	16/9/23	Applications of AI, History and Advantages of AI	30/60	T.Vamsikrishna	16/9/23
3.	23/9/23	Project Title selection	35/60	T.Vamsikrishna	23/9/23
4.	30/9/23	Project Title selection Batchwise and Abstract Explaination for some batches	30/60	T.Vamsikrishna	30/9/23
5.	7/10/23	Abstracts Explaination for all project batches	32/60	T.Vamsikrishna	7/10/23
6.	14/10/23	Python Installation in laptops and Modules Explaination	52/60	T.Vamsikrishna	14/10/23

TRIAD TECHNO SERVICES key to success

College: CMREC **Day wise Report** **Department:** AI club – CSE

S.No	Date	Topics Covered	Attendance	Trainer Signature	Coordinator Signature
7.	11/11/23	Projects Executions	52/60	T. Vamsikrishna	11/11/23
8.	18/11/23	Projects Executions	55/60	T. Vamsikrishna	18/11/23
9.	25/11/23	Projects Executions	49/60	T. Vamsikrishna	25/11/23
10.	9/12/23	Projects Executions	47/60	T. Vamsikrishna	9/12/23
11.	16/12/23	Projects Executions		T. Vamsikrishna	16/12/23

TRIAD TECHNO SERVICES key to success

Date: 11/11/23 **College:** CMREC

Project Completion Form

Department: CSE – AI club

Batch no.	Names	Project Title	Execution & Explanation completed(Yes/No)	Signature
5	A. Vyshnavi T. Venkatesh S. Vinay	Helmet detection using Machine learning and automatic plate detection	Yes	Vyshnavi T. Venkatesh S. Vinay
15	M. chandana P. Deekshitha Sri Maheshwari Shiva	Fake logo detection using deeplearning	Yes	M. Chandana P. Deekshitha Sri
9	Anush Varma Gnana Prakash M. Saiteja Reddy N. Khushali	Realistic Image Generation from text description using GAN	yes	
12	B. VIDYASAGAR G. Akshaya K. Akshith	Captcha Recognition using CNN	Yes	
10	Abhishek. K raghavendra Sindhya G. Ananya	Facial expressions recognition using emoji based detection	Yes	
14	Mahesh Uday B. Sathwika Rekha	Eyeball cursor movement using open cv	Yes	Mahesh Sathwika
2	P. Sukeerthi B. Sirisha Aravind Prakash	plagarism Detection	yes	M. Aravind P. Prakash

TRIAD TECHNO SERVICES

Project Completion Form

Date: 11/11/23 College: CMREC Department: CSE- AI CLUB

Batch no.	Names	Project Title	Execution & Explanation completed(Yes/No)	Signature
01	K. Prathibha G. Nikhitha A. Thrupthi I. Pooja	Vehicle Detection and Speed Estimation.	Yes	K. Prathibha. Nikhitha Thrupthi Pooja.
04	T. Sruthilaya G. Shreya L. Harsha Vardhan M. Srinath	Toward Detection and attribution of cyber Attack in IOT enabled cyber physical systems.	Yes	T. Sruthilaya G. Shreya. L. Harsha Srinath
03	R. Anjali P. Reethika ch Akshaya M. Sri Vignesh	weapon detection using Faster RCNN	Yes	R. Anjali P. Reethika. Akshaya M. Sri Vignesh
07	M. Ashritha Reddy P. Sai Sadhika Prabhas Sai Manideep	sign language recognition using Convolutional Neural Network	Yes	Ashritha Prabhas Manideep
06	Divya Sindhu K. Lipika Reddy K. Abhishek	Iris Recognition using Machine learning Techniques	Yes	Divya Sindhu Lipika Abhishek
08	Bindu Rekha priya Manasa Nandini	Prediction of Identical twins Using Machine learning	Yes	Bindu Rekha priya Manasa Nandini.
13.	Navya Amruta N. Akshith Raj	Brain tumour detection using deep learning	Yes	Navya Amruta Akshith Raj
11.	B. Karunasri S. Sindhu Narasimha Samiya Tarun	Analysis of Women Safety	yes	Karuna Sindhu

AI CLUB Project Report

On

PREDICTION OF IDENTICAL TWINS USING MACHINE LEARNING

Submitted to CMREC, Hyderabad
In Partial Fulfilment of the requirements for the Award of Degree of

BACHELOR OF TECHNOLOGY
IN

COMPUTER SCIENCE AND ENGINEERING

Submitted
By

S.Rekha Priya	**(218R1A0555)**
B.Nandini Reddy	**(218R1A0573)**
M.Manasa	**(218R1A05A4)**
G.Bindu	**(218R1A0519)**

Under the Esteemed guidance of
Mr. Mrutyunjaya.S.Yalawar
Assistant Professor, Department of CSE

Department of Computer Science & Engineering

CMR ENGINEERING COLLEGE

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(Accredited by NBA, Approved by AICTE, NEWDELHI, Affiliated to JNTU, Hyderabad)
Kandlakoya, Medchal Road, R.R. Dist. Hyderabad-501 401

2023-2024

CMR ENGINEERING COLLEGE

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Kandlakoya, Medchal Road, Hyderabad-501 401

Department of Computer Science & Engineering

CERTIFICATE

This is to certify that the AI CLUB Project entitled "PREDICTION OF IDENTICAL TWINS USING MACHINE LEARNING" is abonafide work carried out by

By

S.Rekha Priya	**(218R1A0555)**
B.Nandini Reddy	**(218R1A0573)**
M.Manasa	**(218R1A05A4)**
G.Bindu	**(218R1A0519)**

In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** from CMR Engineering College, UGC Autonomous, affiliated to JNTU, Hyderabad, under our guidance and supervision. The results presented in this Technical Seminar have been verified and are found to be satisfactory.

AI CLUB Coordinator
Mr Mrutyunjaya S Yalawar

Assistant Professor
Department of CSE
CMREC, Hyderabad

Head of the Department
Dr. Sheo Kumar

Prof & H.O.D
Department of CSE
CMREC, Hyderabad.

ACKNOWLEDGMENT

I am extremely grateful to **Dr. A. Srinivasula Reddy**, Principal and **Dr.Sheo Kumar**, HOD, **Department of CSE, CMR Engineering College** for their constant support**.**

I am extremely thankful to **Mr. Mrutyunjaya S Yalawar,** Assistant Professor, **AI CLUB Coordinator**, Department of CSE, for his constant guidance, encouragement and moral support throughout the Technical Seminar.

I will be failing in duty if I do not acknowledge with grateful thanks to the authors of the references and other literatures referred in this Seminar. I express my thanks to all staff members and friends for all the help and co-ordination extended in bringing out this project successfully in time.

Finally, I am very much thankful to my parents who guided me for every step.

Date :

Place: Hyderabad

S.Rekha Priya (218R1A0555)
B.Nandini Reddy (218R1A0573)
M.Manasa (218R1A05A4)
G.Bindu (218R1A0519)

CONTENTS

TOPIC

PREDICTION OF IDENTICAL TWINS USING MACHINE LEARNING

Title of Project : PREDICTION OF IDENTICAL TWINS USING MACHINE LEARNING

ABSTRACT

This project investigates the feasibility of using machine learning to predict identical twins based on genetic and phenotypic data. Leveraging a dataset containing genetic markers, physiological parameters, and behavioral characteristics, various algorithms are trained and evaluated. The results show promising predictive capabilities, suggesting potential applications in medical genetics and forensic identification. Ethical considerations surrounding privacy, consent, and potential misuse of predictive technologies are also discussed. This study contributes to the advancement of predictive modeling at the intersection of genetics, data science, and ethical concerns, offering insights into the practical implications and challenges of such applications.

1. INTRODUCTION

The events of 11 September 2001 have made it painfully clear even to an uninformed observer that we have entered a period of history where states and even superpowers can be challenged in unorthodox ways. Repeatedly in our daily times, national news and social media, we hear about the crimes of credit card fraudulent acts, armed robbery, impersonation, computer breaking's by hackers, security breaches in a company or government building to mention a few. In most of these cases, the criminals took advantage of the setback in the conventional access control systems which do not grant access by "who we are", but rather by "what we have", such as ID cards, keys, passwords, emails, username, PIN numbers, or mother's maiden name, however none of these means really define us. In other words if someone steals, duplicates, or acquires this identity, means he or she will be able to access our data or our personal property any time they want, and as a result we find ourselves in a world where there is an increased rate of insecurity continuously affecting both the developed, developing and the under developed habitat of humanity .The security of our habitant cannot be waved aside by a flip of hands as government at all levels is struggling day and night to curb these challenges that are now technologically driven .According to any socio-economic development of a person, organization or a nation depends not only on its ability to provide a sustained security of information, lives and properties which is vital to its continued existence but also on its ability to strategically generate competitive intelligence through surveillance, as the need to maintain and secure information or physical property is becoming both increasingly important and challenging. Recently, Biometric technology became available to allow recognition and verification of "true" individual identity through biometric systems to help support criminal investigation. This system refers to technologies that analyse and measure human body characteristics features for security applications . These features include fingerprints, palm, DNA, voice patterns, irises, hand measurements and facial patterns, which are called biometric features. Biometric access control are automated methods of verifying or recognizing the identity of a living person on the basis of some physiological characteristics, such as fingerprints or facial features, or some aspects of the person's behaviour , like his/her handwriting style or keystroke patterns .Since biometric systems identify a person by biological characteristics, they are difficult to forge. Among the various biometric identification methods face recognition has been described as the “Holy Grail” of biometric identification systems, due to a number of significant advantages over other methods

of identification (as well as the difficulties encountered in the quest to obtain a practical working system). However, with the current state of the art, these advantages do not include operating performance in terms of recognition accuracy. When compared with other identification technologies, face recognition cannot compete with the low error rates achieved using iris or fingerprint systems. It is one of the few biometric methods that possess the merits of both high accuracy and low intrusiveness . It has the accuracy of a physiological approach without being intrusive. For this reason, since the early 70's face recognition has drawn the attention of researchers in fields from security, psychology, and image processing, to computer vision. The major problem yet to be solved despite these series of research works has been to differentiate identical twin with face . There have been many attempts to solve this problem. The early approaches are aimed for grey level images only, view based detectors are popular in this category, including Rowley's neural networks classifier Sung and Poggio's correlation templates matching scheme based on image invariants and Eigen-face decomposition. Model based detection is another category of face detectors but they all ended up solving the problem of detection and not recognition .came close with their research on face recognition, but their work cannot differentiate twins. This born out the author's motivation to embark on this research work, providing a new applicable dimension to this trend to differentiate and recognize two similar faces or different persons, employing machine learning techniques to train bag of extracted features from the faces (real and query images) after it has been processed employing image processing techniques for accurate recognition using mathlab as the implementation tool.

1.1 Objective of the Project

Digital twin technology has a huge potential for widespread applications in different industrial sectors such as infrastructure, aerospace, and automotive. However, practical adoptions of this technology have been slower, mainly due to a lack of application-specific details. Here we focus on a digital twin framework for linear single-degree-of-freedom structural dynamic systems evolving in two different operational time scales in addition to its intrinsic dynamic time-scale. Our approach strategically separates into two components – (a) a physics-based nominal model for data processing and response predictions, and (b) a data-driven machine learning model for

the time-evolution of the system parameters. The physics-based nominal model is system-specific and selected based on the problem under consideration. On the other hand, the data-driven machine learning model is generic. For tracking the multi-timescale evolution of the system parameters, we propose to exploit a mixture of experts as the data-driven model. Within the mixture of experts model, Gaussian Process (GP) is used as the expert model. The primary idea is to let each expert track the evolution of the system parameters at a single time-scale. For learning the hyperparameters of the 'mixture of experts using GP', an efficient framework that exploits expectationmaximization and sequential Monte Carlo sampler is used. Performance of the digital twin is illustrated on a multi-timescale dynamical system with stiffness and/or mass variations. The digital twin is found to be robust and yields reasonably accurate results. One exciting feature of the proposed digital twin is its capability to provide reasonable predictions at future time-steps. Aspects related to the data quality and data quantity are also investigated.

2.LITERATURE SURVEY

Facial component analysis and image processing for face detection.

One of the fastest and simplest ways to distinguish between two persons who seem identical is to look at their face. Face recognition is a kind of personal identification system that uses an individual's physical traits to determine their identity. Face detection, which occurs quickly in people (unless in situations when the item is nearby), and face recognition are the main steps in the process of identifying a face. The second phase, dubbed "introduction," is proving that a certain person is connected to a specific face. Then, using a duplicate of the scene, a model for facial image recognition—also known as face recognition—is created. One of the biometrics technologies that has attracted the most research focus is facial recognition. The Fisher face technique and the Eigenface method are two examples of the several techniques utilized in the established facial recognition patterns of today. The conceptual basis of the technique is the Principal Component Analysis (PCA), which is used to minimize the face-dimensional space occupied by facial features. Finding the eigenvector that corresponds to the face image's biggest eigenvalue was the main goal of principal component analysis (PCA) when it came to face recognition using Eigen faces (facial space). Image processing will be a major component of the face detection and identification system that is being developed for this project. Software called Matlab is necessary for this task.

Design and implementation of face detection system

High speed security and defense applications demand a quick decision for face recognition which requires a computationally time-efficient algorithm. These algorithms are primarily used to generate design values. The generation of eigen values by employing decomposition method normally provides solution in O(n3) time whereas an orthogonalizational process, called fast principal component analysis (PCA) provides the same in $O(n^2)$ time. However, because of an orthonormalization convergence condition of Grams-Schmidt (GS) iterative process, fast PCA could result in non-deterministic state, especially for high resolution images. This could be associated with orthogonal vector space in GS, which causes nonconvergence of eigen solution under limited iteration. A modification has been proposed in fast PCA to generate eigen values for images including those at high resolution. By using these generated eigen values, an algorithm has been developed to optimize the error rate in face recognition systems under

varying dimensionalities. The developed technique which provides deterministic, time efficient and low error rate solution could be a useful tool for high speed image recognition systems.

Neural network-based face detection

With the tremendous increase in video and image database there is a great need of automatic understanding and examination of data by the intelligent systems as manually it is becoming out of reach. Narrowing it down to one specific domain, one of the most specific objects that can be traced in the images are people i.e. faces. Face detection is becoming a challenge by its increasing use in number of applications. It is the first step for face recognition, face analysis and detection of other features of face. In this paper, various face detection algorithms are discussed and analysed like Viola-Jones, SMQT features & SNOW Classifier, Neural Network-Based Face Detection and Support Vector Machine-Based face detection. All these face detection methods are compared based on the precision and recall value calculated using a DetEval Software which deals with précised values of the bounding boxes around the faces to give accurate results.

Robust Face Detection Using the Hausdorff Distance.

This paper proposes a novel approach for robust face detection based on our enhanced Hausdorff distance (HD). A major aim of this research is to achieve a highly efficient method in face detection that can be used in real-time applications. In our approach, a technique to automatically determine an appropriate size of an elliptical model is also introduced. Therefore, there is no requirement for an expert user to intervene in the process. In addition, the enhanced HD proposed in our method consumes much less computation time but provides higher efficiency and more reliability than the conventional HD.

Example-based learning for view-based human face detection

We present an example-based learning approach for locating vertical frontal views of human faces in complex scenes. The technique models the distribution of human face patterns by means of a few view-based "face" and "nonface" model clusters. At each image location, a difference feature vector is computed between the local image pattern and the distribution-based model. A trained classifier determines, based on the difference feature vector measurements, whether or not a human face exists at the current image location. We show empirically that the distance metric we adopt for computing difference feature vectors, and the "nonface" clusters we include in our distribution-based model, are both critical for the success of our system.

Probabilistic visual learning for object representation

We present an unsupervised technique for visual learning, which is based on density estimation in high-dimensional spaces using an eigenspace decomposition. Two types of density estimates are derived for modelling the training data: a multivariate Gaussian (for unimodal distributions) and a mixture-of-Gaussians model (for multimodal distributions). Those probability densities are then used to formulate a maximum-likelihood estimation framework for visual search and target detection for automatic object recognition and coding. Our learning technique is applied to the probabilistic visual modelling, detection, recognition, and coding of human faces and nonrigid objects, such as hands.

Implementation and Performance Analysis of Face Recognition Using MATLAB

A face recognition system is a computer application for automatically identifying or verifying a person from a digital image or a video frame from a video source. Face recognition is the most efficient and sophisticated method for the security systems. It is the part of the Biometric Technology, which has been widely used in forensics, secured access, human computer interaction and prison security. The paper presents a face recognition system that is developed using MATLAB which recognizes the input face from a set of training faces. This paper analyses the face recognition using edge detection method which extracts the edges of an image. Edge detector gives a binary image in which the white pixels closely approximate the true edges of the original image. This paper has real life examples and simulates the algorithm in MATLAB.

Differentiating Identical Twins by Using Conditional Face Recognition Algorithms

Facial recognition algorithms should be able to operate even when similar-looking individuals are encountered, or even in the extreme case of identical twins. An experimental data set comprised of 17486 images from 126 pairs of identical twins (252 subjects) collected on the same day and 6864 images from 120 pairs of identical twins (240 subjects) with images taken a year later was used to measure the performance on seven different face recognition algorithms. Performance is reported for variations in illumination, expression, gender, and age for both the same day and cross-year image sets. Regardless of the conditions of image acquisition, distinguishing identical twins are significantly harder than distinguishing subjects who are not identical twins for all algorithms.

Approaches and methods to face recognition.

We present our study of the face recognition problem. Due to difference in human pose, face expression, hairstyle, image style and lighting conditions, the problem is very difficult. To solve

it we have to test different image processing tools and heuristics for robust recognition. The main features of our approach are detection of fiducial points, calculation of geometric features and application of nonlinear image dissimilarity function at the final recognition stage. We demonstrate the power of the approach by experiments.

Face recognition system using Adaboost algorithm. IEEE Transactions on Neural Networks

Face recognition technology is a biometric technology, which is based on the identification of facial features of a person. People collect the face images, and the recognition equipment automatically processes the images. The paper introduces the related researches of face recognition from different perspectives. The paper describes the development stages and the related technologies of face recognition. We introduce the research of face recognition for real conditions, and we introduce the general evaluation standards and the general databases of face recognition. We give a forward-looking view of face recognition. Face recognition has become the future development direction and has many potential application prospects.

3. SYSTEM ANALYSIS

3.1 EXISTING SYSTEM

In existing we are using decision tree algorithm for the prediction of identical twins .The events of 11 September 2001 have made it painfully clear even to an uninformed observer that we have entered a period of history where states and even superpowers can be challenged in unorthodox ways. Repeatedly in our daily times, national news and social media, we hear about the crimes of credit card fraudulent acts, armed robbery, impersonation, computer breaking's by hackers, security breaches in a company or government building to mention a few. In most of these cases, the criminals took setback in the conventional access control systems which do not grant access by "who we are", but rather by "what we have", such as ID cards, keys, passwords, emails, username, PIN numbers, or mother's maiden name, however none of these means really define us. In other words if someone steals, duplicates, or acquires this identity, means he or she will be able to access our data or our personal property any time they want, and as a result we find ourselves in a world where there is an increased rate of insecurity continuously affecting both the developed, developing and the under developed habitat of humanity .The security of our habitant cannot be waved aside by a flip of hands as government at all levels is struggling day and night to curb these challenges that are now technologically driven.

Disadvantage

- High error rate
- Less accuracy.

3.2 PROPOSED SYSTEM

In real words twins faces are exists and this twins can utilize advantages to dupe peoples in examination or any other organizations. To detect such twins we are applying machine learning algorithms such as Naïve Bayes and Random Forest which may get trained on possible Real and Twins faces. Once after training we can input face to this trained model to identify weather face is Real or Twin. Before training we are applying various image processing techniques such as applying Bilateral Filters to enhance image quality and then convert image to Black & White format and then apply Object detection technique to detect face from image. This processed

Advantages

- To develop a system that recognizes the real image identity of two identical suspects.
- To employ machine learning and bag of features for the recognition and verification process
- To develop a system that support and improves forensic investigation
- low error rates

MODULES

To implement this project we have designed following modules

Upload Twins Dataset: using this module we will upload dataset to application and then apply filtration and object detection techniques **.**

Dataset Preprocessing: Using this module we will read each image and then extract each pixel and then normalize image pixel values between 0 and 1.

Run Naive Bayes Algorithm: 80% processed train images will be input to Naive Bayes Algorithm to train a model and this model will be applied on 20% test images to calculate prediction accuracy.

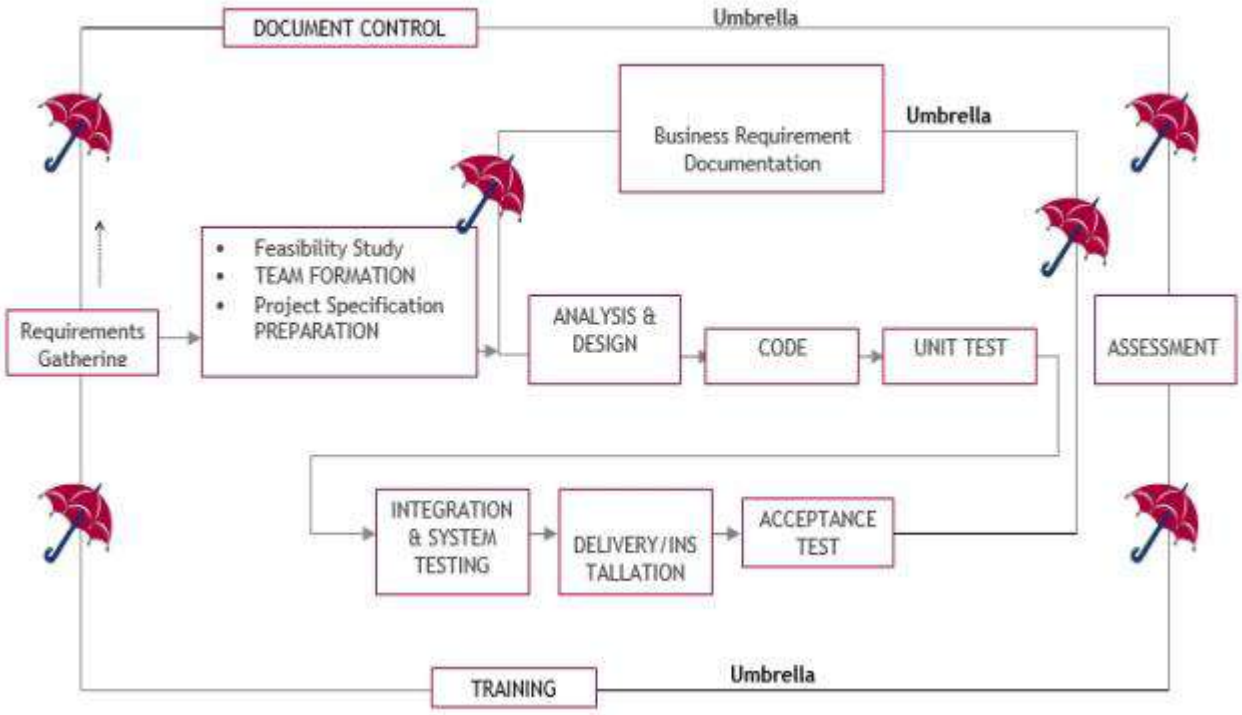
Run Random Forest Algorithm: 80% processed train images will be input to Random Forest Algorithm to train a model and this model will be applied on 20% test images to calculate prediction accuracy.

Comparison Graph: using this module we will plot comparison graph between both algorithms.

Twins or Real Face Prediction: using this module we will upload test images and then algorithm will predict weather image is real or belongs to twins.

3.3. PROCESS MODEL USED WITH JUSTIFICATION

SDLC (Umbrella Model):



SDLC is nothing but Software Development Life Cycle. It is a standard which is used by software industry to develop good software.

Stages in SDLC:

- Requirement Gathering
- Analysis
- Designing
- Coding
- Testing
- Maintenance

3.4. Software Requirement Specification

3.4.1. Overall Description

A Software Requirements Specification (SRS) – a requirements specification for a software system is a complete description of the behaviour of a system to be developed. It includes a set of use cases that describe all the interactions the users will have with the software. In addition to use cases, the SRS also contains non-functional requirements. Non-functional requirements are requirements which impose constraints on the design or implementation (such as performance engineering requirements, quality standards, or design constraints).

System requirements specification: A structured collection of information that embodies the requirements of a system. A business analyst, sometimes titled system analyst, is responsible for analyzing the business needs of their clients and stakeholders to help identify business problems and propose solutions. Within the systems development lifecycle domain, the BA typically performs a liaison function between the business side of an enterprise and the information technology department or external service providers. Projects are subject to three sorts of requirements:

- Business requirements describe in business terms what must be delivered or accomplished to provide value.

- Product requirements describe properties of a system or product (which could be one of several ways to accomplish a set of business requirements.)

- Process requirements describe activities performed by the developing organization. For instance, process requirements could specify .Preliminary investigation examine project feasibility, the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. All system is feasible if they are unlimited resources and infinite time. There are aspects in the feasibility study portion of the preliminary investigation:

- **ECONOMIC FEASIBILITY**

A system can be developed technically and that will be used if installed must still be a good investment for the organization. In the economical feasibility, the development cost in creating the system is evaluated against the ultimate benefit derived from the new systems. Financial benefits must equal or exceed the costs. The system is economically feasible. It does not require any addition hardware or software. Since the interface for this system is developed using the existing resources and technologies available at NIC, There is nominal expenditure and economical feasibility for certain.

- **OPERATIONAL FEASIBILITY**

Proposed projects are beneficial only if they can be turned out into information system. That will meet the organization's operating requirements. Operational feasibility aspects of the project are to be taken as an important part of the project implementation. This system is targeted to be in accordance with the above-mentioned issues. Beforehand, the management issues and user requirements have been taken into consideration. So there is no question of resistance from the users that can undermine the possible application benefits. The well-planned design would ensure the optimal utilization of the computer resources and would help in the improvement of performance status.

- **TECHNICAL FEASIBILITY**

Earlier no system existed to cater to the needs of 'Secure Infrastructure Implementation System'. The current system developed is technically feasible. It is a web based user interface for audit workflow at NIC-CSD. Thus it provides an easy access to .the users. The database's purpose is to create, establish and maintain a workflow among various entities in order to facilitate all concerned users in their various capacities or roles. Permission to the users would be granted based on the roles specified. Therefore, it provides the technical guarantee of accuracy, reliability and security.

3.4.2. External Interface Requirements

User Interface

The user interface of this system is a user friendly python Graphical User Interface.

Hardware Interfaces

The interaction between the user and the console is achieved through python capabilities.

HARDWARE REQUIREMENTS:

- Processor - Pentium –IV
- Speed - 1.1 Ghz
- RAM - 256 MB(min)
- Hard Disk - 20 GB
- Key Board - Standard Windows Keyboard
- Mouse - Two or Three Button Mouse
- Monitor - SVGA

SOFTWARE REQUIREMENTS:

- Operating System - Windows7/8
- Programming Language - Python

4. SYSTEM DESIGN

UML Diagram:

The Unified Modelling Language allows the software engineer to express an analysis model using the modelling notation that is governed by a set of syntactic semantic and pragmatic rules.

A UML system is represented using five different views that describe the system from distinctly different perspective. Each view is defined by a set of diagram, which is as follows.

User Model View

This view represents the system from the users perspective.

The analysis representation describes a usage scenario from the end-users perspective.

Structural Model view

In this model the data and functionality are arrived from inside the system.

This model view models the static structures.

Behavioural Model View

It represents the dynamic of behavioural as parts of the system, depicting the interactions of collection between various structural elements described in the user model and structural model view.

Implementation Model View

In this the structural and behavioural as parts of the system are represented as they are to be built.

5. IMPLEMETATION

5.1 Sample Code:

Main.py

```
from tkinter import messagebox

from tkinter import *from tkinter import simpledialog

import tkinter

import matplotlib.pyplot as plt


import numpy as np

from tkinter import simpledialog

from tkinter import filedialog

import os

import cv2

from sklearn.model_selection import train_test_split

from sklearn.ensemble import RandomForestClassifier

from sklearn.naive_bayes import GaussianNB

from sklearn.metrics import accuracy_score

from sklearn.preprocessing import StandardScaler

from sklearn.naive_bayes import GaussianNB
```

```
from sklearn.metrics import confusion_matrix
from sklearn.metrics import precision_score
from sklearn.metrics import recall_score
from sklearn.metrics import f1_score
import seaborn as sns
import pandas as pd
main = tkinter.Tk()
main.title("Prediction of Identical Twins using ML") #designing main screen
main.geometry("1300x1200")
global filename
global X, Y
global X_train, X_test, y_train, y_test
global accuracy, precision, recall, fscore, labels, rf
global scaler
labels = ['Real', 'Twins']
def getID(name):
    index = 0
    for i in range(len(labels)):
        if labels[i] == name
            index = i
```

```
            break
    return index
def uploadDataset():
    global filename
    global X, Y
    filename = filedialog.askdirectory(initialdir=".")
    text.delete('1.0', END)
    text.insert(END,filename+" loaded\n")
    if os.path.exists("model/X.txt.npy"):
        X = np.load('model/X.txt.npy')
        Y = np.load('model/Y.txt.npy')
    else:
        for root, dirs, directory in os.walk(filename):
            for j in range(len(directory)):
                name = os.path.basename(root)
                if 'Thumbs.db' not in directory[j]:
                    img = cv2.imread(root+"/"+directory[j])
                    bilateral_filter = cv2.bilateralFilter(img,15,80,80)
                    bilateral_filter = cv2.cvtColor(bilateral_filter, cv2.COLOR_BGR2GRAY)
                    clahe = cv2.createCLAHE(clipLimit = 2, tileGridSize = (8, 8))
```

```
                bilateral_filter = clahe.apply(bilateral_filter)
                detected_image = cv2.Canny(bilateral_filter,50,150)
                img = cv2.resize(detected_image, (32, 32))
                X.append(img.ravel())
                label = getID(name)
                Y.append(label)
        X = np.asarray(X)
        Y = np.asarray(Y)
        np.save('model/X.txt',X)
        np.save('model/Y.txt',Y)
    text.insert(END,"Labels in Dataset : "+str(labels)+"\n")
    text.insert(END,"Total Real & Twins Images found in dataset : "+str(X.shape[0]))
def DatasetPreprocessing():
    text.delete('1.0', END)
    global X, Y
    global X_train, X_test, y_train, y_test, scaler
    X = X.astype('float32')
    scaler = StandardScaler()
    X = scaler.fit_transform(X)
    indices = np.arange(X.shape[0])
```

```
    np.random.shuffle(indices)
    X = X[indices]
    Y = Y[indices]
    X_train, X_test, y_train, y_test = train_test_split(X, Y, test_size=0.5) #split dataset into train and test
    text.insert(END,"Dataset Normalization & Preprocessing Task Completed\n\n")
    text.insert(END,"Dataset Train & Test Splits\n")
    text.insert(END,"Total images found in dataset : "+str(X.shape[0])+"\n")
    text.insert(END,"80% dataset used for training  : "+str(X_train.shape[0])+"\n")
    text.insert(END,"20% dataset user for testing   : "+str(X_test.shape[0])+"\n")
def calculateMetrics(algorithm, testY, predict):
    global labels
    p = precision_score(testY, predict,average='macro') * 100
    r = recall_score(testY, predict,average='macro') * 100
    f = f1_score(testY, predict,average='macro') * 100
    a = accuracy_score(testY,predict)*100
    accuracy.append(a)
    precision.append(p)
    recall.append(r)
    fscore.append(f)
```

```
    text.insert(END,algorithm+" Accuracy  : "+str(a)+"\n")
    text.insert(END,algorithm+" Precision : "+str(p)+"\n")
    text.insert(END,algorithm+" Recall    : "+str(r)+"\n")
    text.insert(END,algorithm+" FSCORE    : "+str(f)+"\n\n")
    conf_matrix = confusion_matrix(testY, predict)
    ax = sns.heatmap(conf_matrix, xticklabels = labels, yticklabels = labels, annot = True, cmap="viridis" ,fmt ="g");
    ax.set_ylim([0,len(labels)])
    plt.title(algorithm+" Confusion matrix")
    plt.ylabel('True class')
    plt.xlabel('Predicted class')
    plt.show()
def runNaiveBayes():
    text.delete('1.0', END)
    global accuracy, precision, recall, fscore, cnn_model
    global X_train, y_train, X_test, y_test
    accuracy = []
    precision = []
    recall = []
    fscore = []
```

```
    nb = GaussianNB()
    nb.fit(X_train, y_train)
    predict = nb.predict(X_test)
    calculateMetrics("Naive Bayes", y_test, predict)
def runRandomForest():
    global rf
    global X_train, y_train, X_test, y_test
    rf = RandomForestClassifier()
    rf.fit(X_train, y_train)
    predict = rf.predict(X_test)
    calculateMetrics("Random Forest", y_test, predict)
def graph():
    df=pd.DataFrame([['NaiveBayes','Accuracy',accuracy[0]],['Naive
Bayes','Precision',precision[0]],['NaiveBayes','Recall',recall[0]],['Naive
Bayes','FSCORE',fscore[0]],['RandomForest','Accuracy',accuracy[1]],['Random
Forest','Precision',precision[1]],['RandomForest','Recall',recall[1]],['Random
Forest','FSCORE',fscore[1]], ],columns=['Algorithms','Accuracy','Value'])
    df.pivot("Algorithms", "Accuracy", "Value").plot(kind='bar')
    plt.title("All Algorithm Comparison Graph")
    plt.show()
def predict():
```

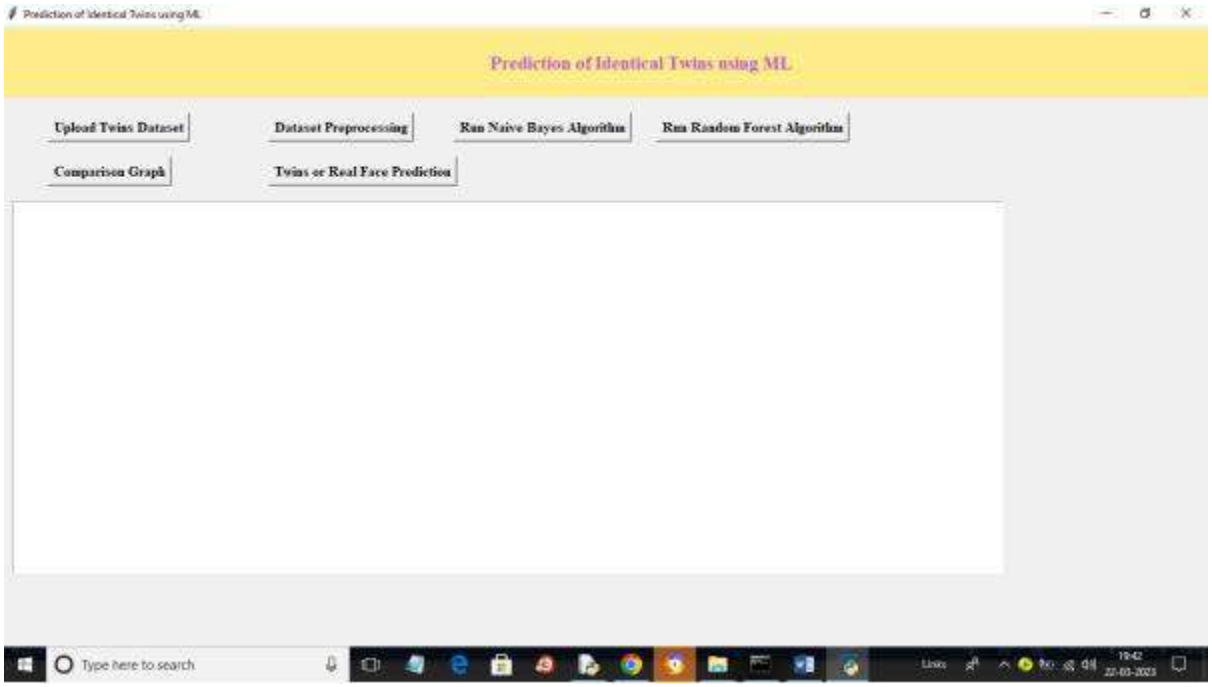
```
    global rf, scaler
    filename = filedialog.askopenfilename(initialdir="testImages")
    img = cv2.imread(filename)
    bilateral_filter = cv2.bilateralFilter(img,15,80,80)
    bilateral_filter = cv2.cvtColor(bilateral_filter, cv2.COLOR_BGR2GRAY)
    clahe = cv2.createCLAHE(clipLimit = 2, tileGridSize = (8, 8))
    bilateral_filter = clahe.apply(bilateral_filter)
    detected_image = cv2.Canny(bilateral_filter,50,150)
    image = cv2.resize(detected_image, (32, 32))
    X = []
    X.append(image.ravel())
    X = np.asarray(X)
    X = X.astype('float32')
    X = scaler.transform(X)
    predict = rf.predict(X)[0]
    img = cv2.imread(filename)
    img = cv2.resize(img, (700,400))
    cv2.putText(img,'PredictedAs:'+labels[predict],(10,25),
cv2.FONT_HERSHEY_SIMPLEX,0.7, (0, 0, 255), 2)
    cv2.imshow('Predicted As : '+labels[predict], img)
```

```
    cv2.imshow("Detected Object", detected_image)
    cv2.waitKey(0)
font = ('times', 16, 'bold')
title = Label(main, text='Prediction of Identical Twins using ML')
title.config(bg='LightGoldenrod1', fg='medium orchid')
title.config(font=font)
title.config(height=3, width=120)
title.place(x=0,y=5)
font1 = ('times', 12, 'bold')
text=Text(main,height=22,width=140)
scroll=Scrollbar(text)
text.configure(yscrollcommand=scroll.set)
text.place(x=10,y=200)
text.config(font=font1)
font1 = ('times', 12, 'bold')
uploadButton = Button(main, text="Upload Twins Dataset", command=uploadDataset)
uploadButton.place(x=50,y=100)
uploadButton.config(font=font1)
preButton = Button(main, text="Dataset Preprocessing", command=DatasetPreprocessing)
preButton.place(x=300,y=100)
```

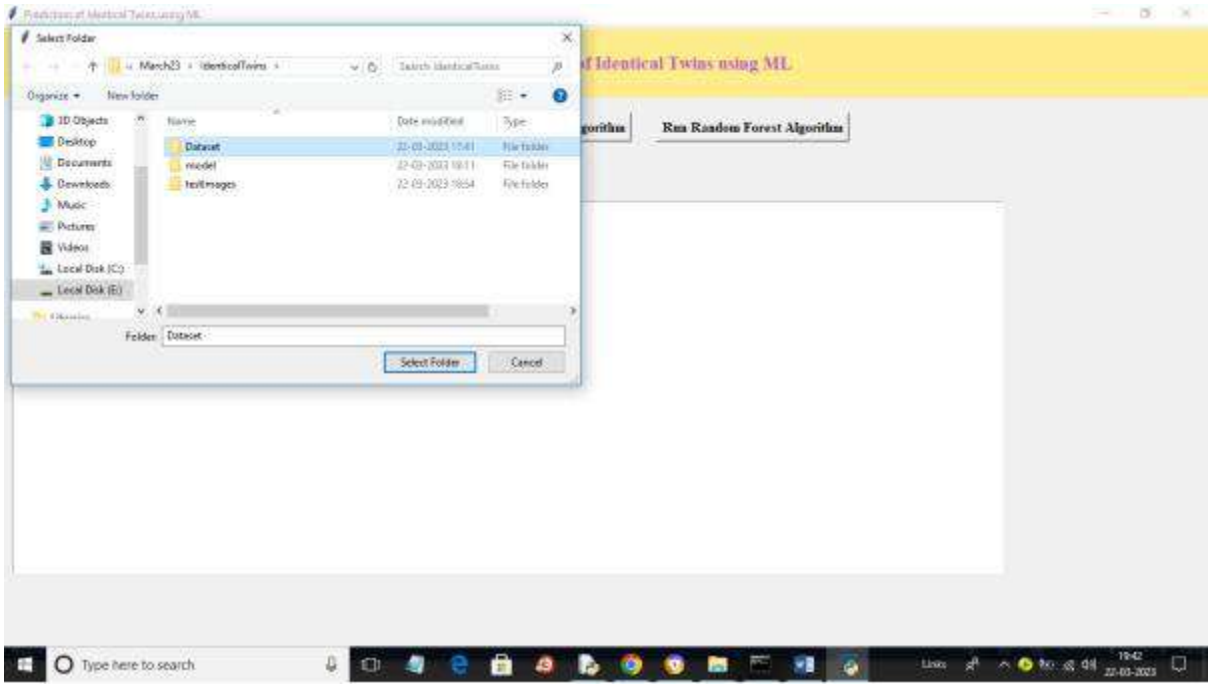
```
preButton.config(font=font1)

nbButton = Button(main, text="Run Naive Bayes Algorithm", command=runNaiveBayes)

nbButton.place(x=510,y=100)

nbButton.config(font=font1)

rfButton = Button(main, text="Run Random Forest Algorithm", command=runRandomForest)

rfButton.place(x=740,y=100)

rfButton.config(font=font1)

graphButton = Button(main, text="Comparison Graph", command=graph)

graphButton.place(x=50,y=150)

graphButton.config(font=font1)

predictButton = Button(main, text="Twins or Real Face Prediction", command=predict)

predictButton.place(x=300,y=150)

predictButton.config(font=font1)

#main.config(bg='OliveDrab2')

main.mainloop()
```

6. SCREENSHOTS

To run project double click on ‘run.bat’ file to get below screen

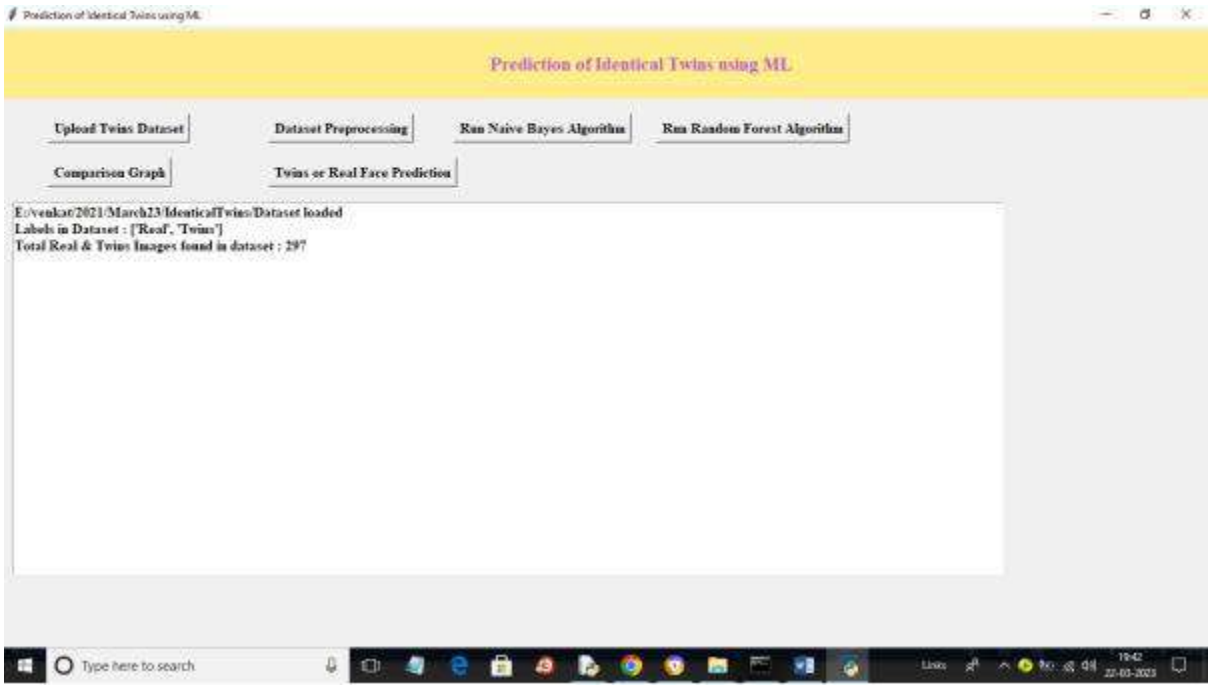


In above screen click on ‘Upload Twins Dataset’ button to upload dataset and get below output

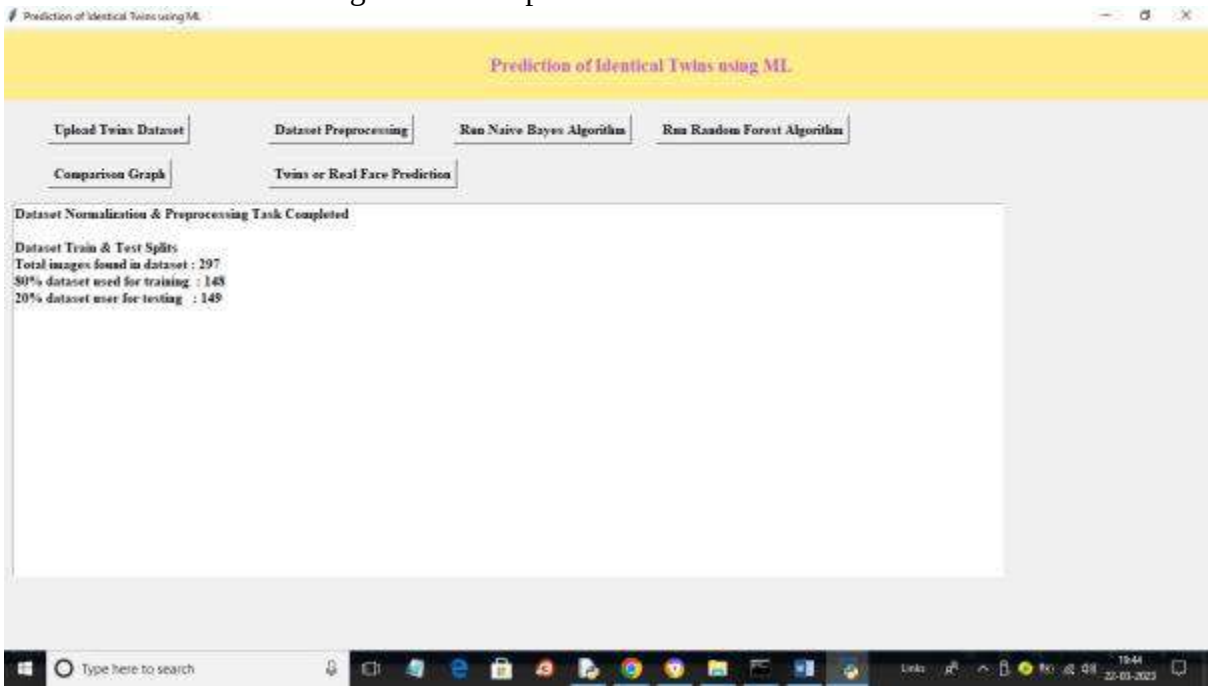


In above screen selecting and uploading ‘Dataset’ folder and then click on ‘Select Folder’ button

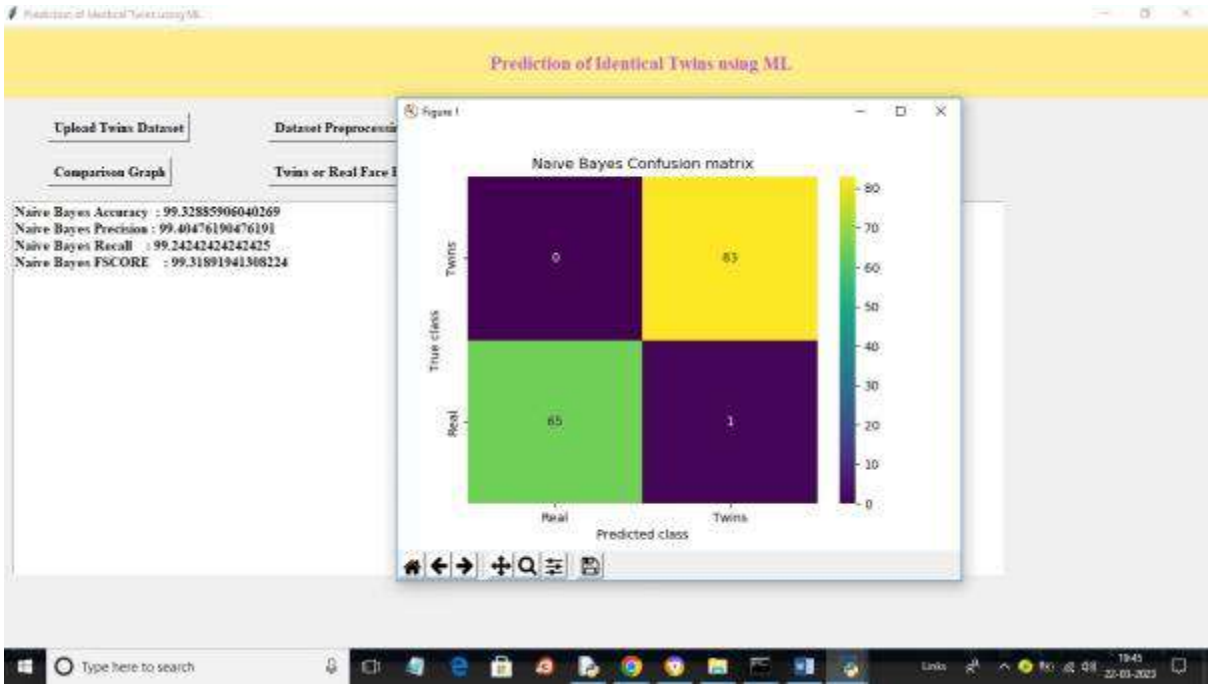
to load dataset and get below output



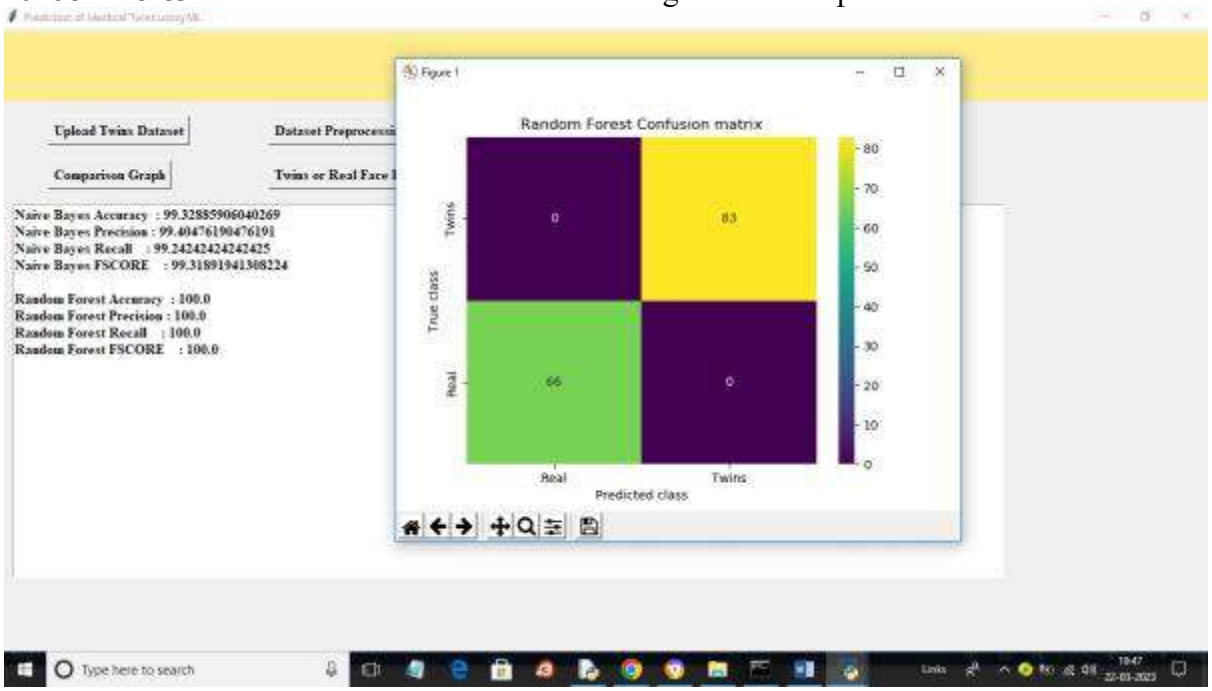
In above screen we can see dataset loaded and we can see available labels and images in the dataset and now click on 'Dataset Preprocessing' button to normalize, shuffle and split dataset into train and test and will get below output



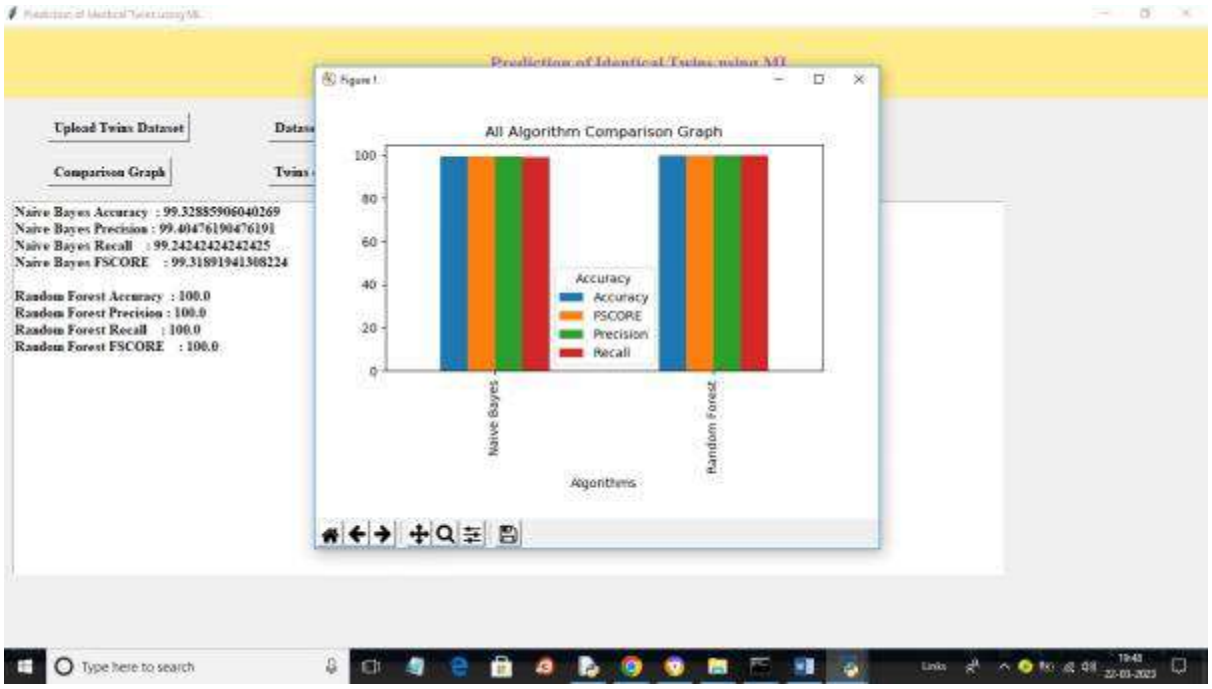
In above screen we can see dataset processed and we can see total images used for train and test and now click on 'Run Naïve Bayes Algorithm' button to train Naïve Bayes and get below output



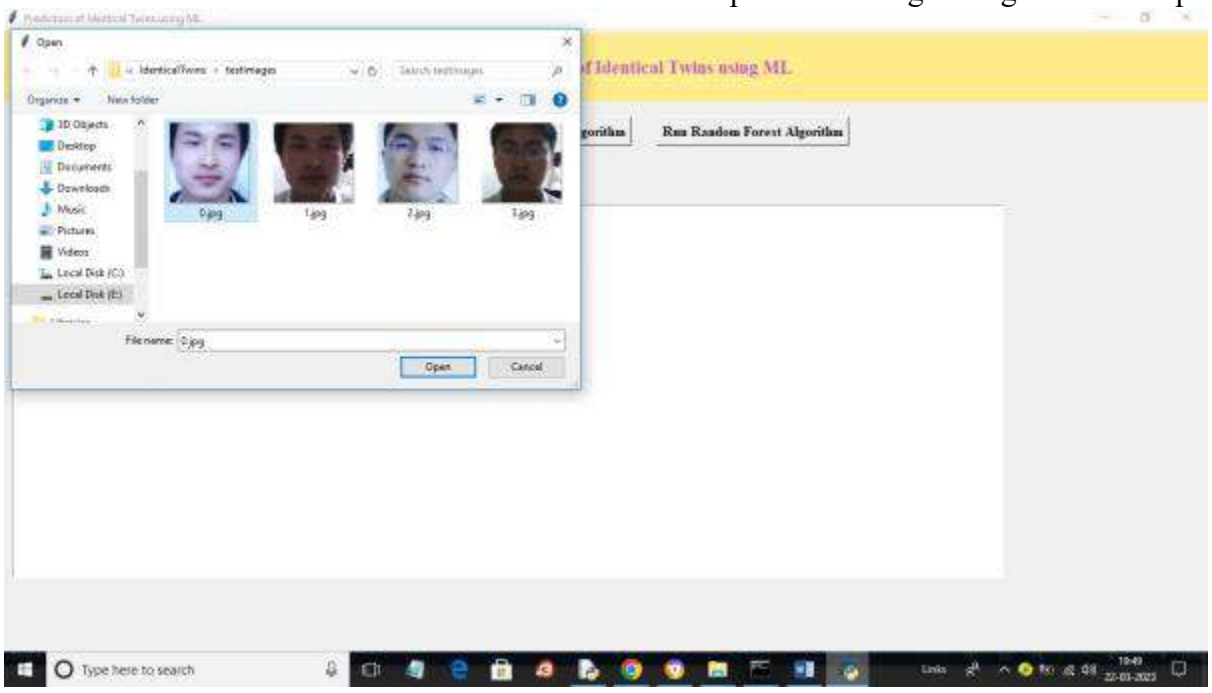
In above screen with Naïve Bayes we got accuracy as 99% and we can see other metrics also and in confusion matrix graph x-axis represents Predicted Labels and y-axis represents True Labels and green and yellow boxes contains Correct Prediction count and blue boxes represents incorrect prediction count which is 1 only and now close above window and then click on 'Run Random Forest' button to train Random Forest and get below output



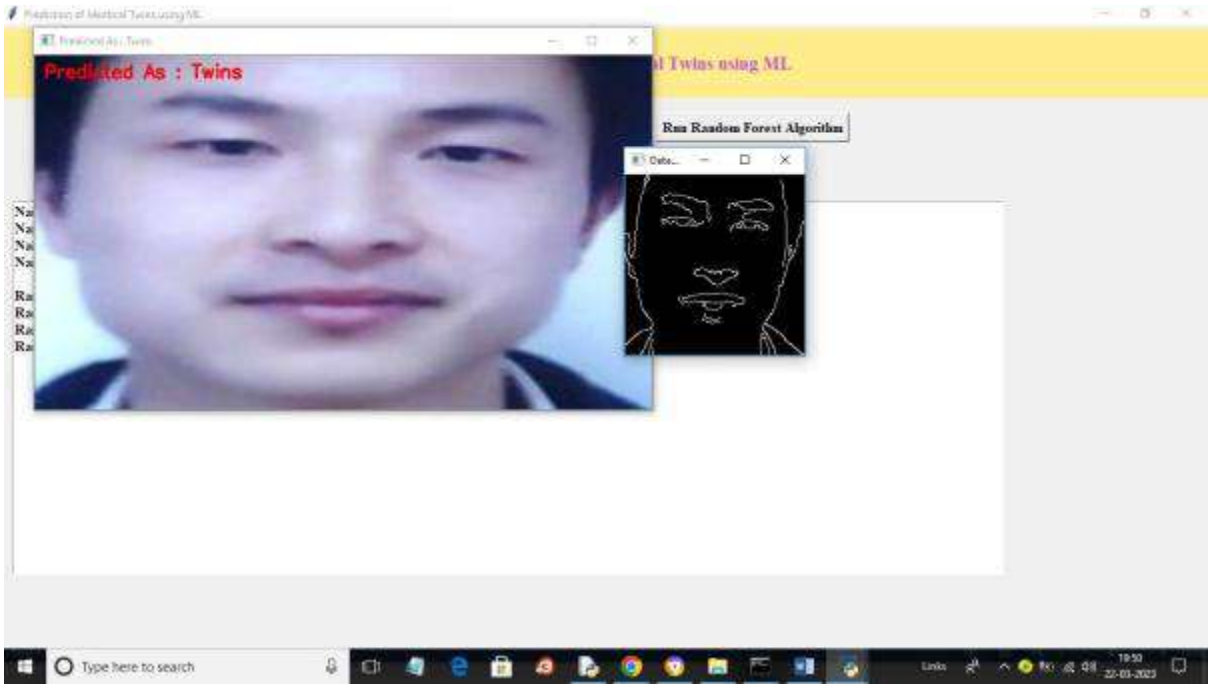
In above screen with Random Forest we got 100% accuracy and we can see confusion graph also and now click on 'Comparison Graph' button to get below graph.



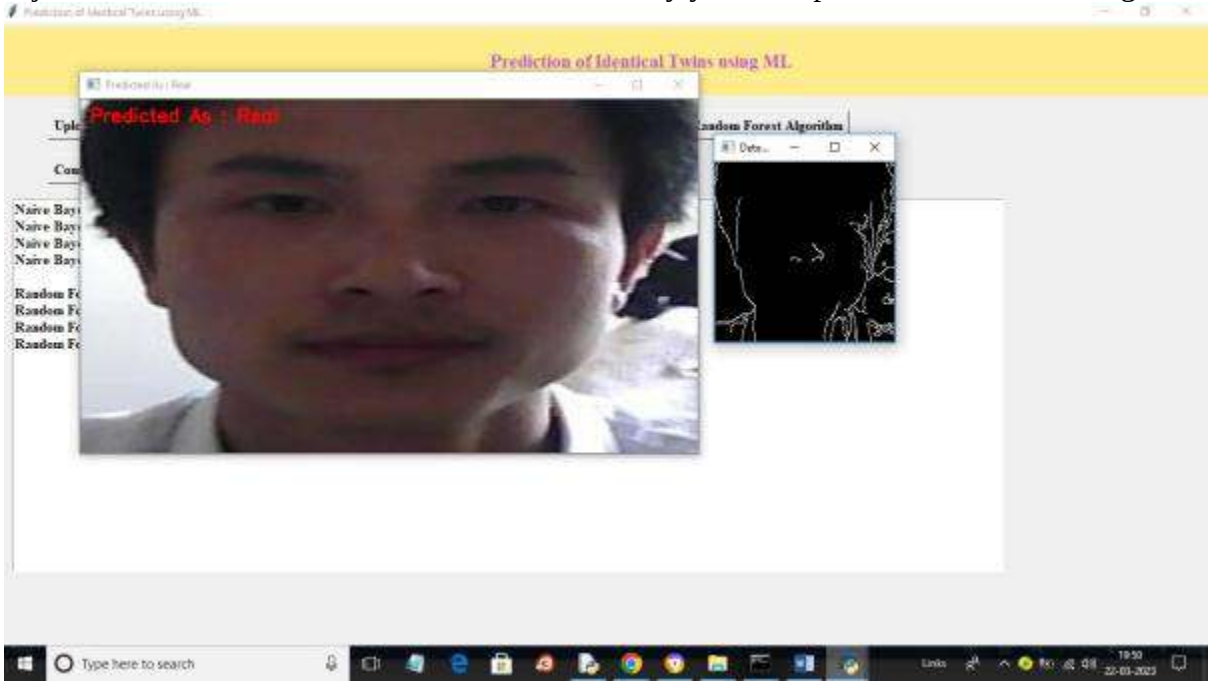
In above graph x-axis represents algorithm names and y-axis represents accuracy and other metrics in different colour bars and in both algorithms Random Forest got high performance and now click on 'Twins or Real Face Prediction' button to upload test image and get below output.



In above screen selecting and uploading '0.jpg' image and then click on 'Open' button to load image and get below output.



In above screen in red colour text we can see image predicted as Twins and we can see detected object in face in black and white colour and similarly you can upload and test other images.



In above screen image predicted as real.

7. CONCLUSION

The paper reviews twins faces are exists and this twins can utilize advantages to dupe peoples in examination or any other organizations. To detect such twins we are applying machine learning algorithms such as Naïve Bayes and Random Forest which may get trained on possible Real and Twins faces. Once after training we can input face to this trained model to identify weather face is Real or Twin. Before training we are applying various image processing techniques such as applying Bilateral Filters to enhance image quality and then convert image to Black & White format and then apply Object detection technique to detect face from image. This processed image will be input to Machine learning algorithm to train a model. . The issues identified in existing methods were listed as future directions to provide efficient solution.

8.REFERENCES

1]. Erik Mannik, Terrorism; its past, present and future prospects.

[2]. Desouza. Facial component analysis and image processing for face detection. 46(2):235–245, May 2011.

[3]. Chioma O. Implementation Of Daugman's Algorithm And Adaptive Noise Filtering Technique For Digital Recognition Of Identical Twin Using Mathlab, 2018

[4]. V. Vijayan, K. Bowyer, P. Flynn, D. S Huang, L. Chen, M. Hansen, O. Ocegueda, S. Shah, and I. Kakadiaris. Twins 3D Face Recognition Challenge. In International Joint Conference on Biometrics, 2011.

[5]. K. Kelly, design and implementation of face detection system ,Volume 1, Issue 2, March-April, 1990, ISSN 091-273.

[6]. H. Rowley, S. Baluja, and T. Kanade. Neural network-based face detection. In Proc. IEEE Conf. on Computer Vision and Pattern Recognition, pages 203-207, San Francisco, CA, 1996.

[7]. Kah-Kay Sung and TomasoPoggio. Example-based learning for view-based human face detection. A.I. Memo 1521, CBCL Paper 112, MIT, December 1994.

An Event Report

On

"CLUB IDEA PRESENTATION"

Title of Event	**: Club Idea Presentation**
Date of Event	**: 16/12/2023 (Time: 10.00 AM- 12.30PM & 1.30 PM- 3.30PM)**
Total No. of Participants	**: 118 (Registered)**
Student Participants	**: II & III Years**
Venue	**: CSE block, CMR Engineering College**
Organizers	**: Dept. of CSE**
Coordinators	**: Mr. Mrutyunjaya S Yalawar Mrs. Y. Prathima**

Aim & Objective:

The major objective of the Club Idea Presentation is to make the students making presentation towards the most demanding technology in Artificial Intelligence, Machine Learning, IOT and various kinds of domain where students need to work on problems and its possible solutions. The event were in relation to change requirement where how to work on various domains available in order to findout the accuracy forthe given problem using various techniques related to AI, ML, IOT etc applications. Therefore, participants can learn a broad range of current used frameworks with research motivations, contribution towards paper publications and value additions in the field of various real time applications related to like Healthcare, E-Commerce, Banking Sector etc, The Overall Event made the understand of how to work with Ideas with respect to poster presentation in various fields.

Description

This specific Event for 1 Day gives the overall basic Club Idea of poster implementation using various applications where the Students can able to solve the real time problems by using techniques in the form of posters.

The Presentation was conducted to improve the knowledge of the student skills,

Communication, their ability to express the technical views. It was conducted internally within the departments by the Coding club Coordinators (N Tejasree, Swathi M, Mahesh S, Sai Manasa) and AI Club Coordinators (M Bhargavi, A Puneetha) . The evaluation was done by various Department Heads and the Principal. There are 4 prizes (First, Second and two Third prizes) along with the consolation Prizes for three Teams.

The Winners were

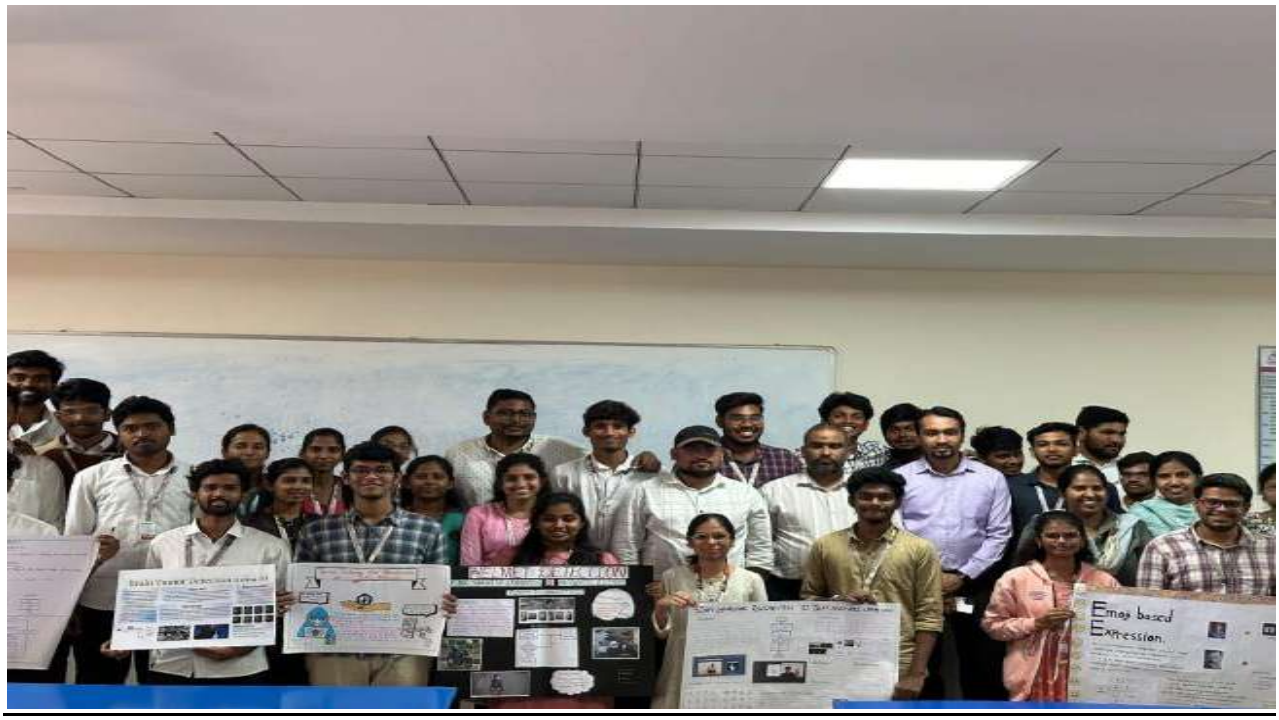
First Prize : M. Ashritha Reddy, B. Prabhas, P. Sai Sadhika, Manideep

Second Prize : P. Akshaya, B. Rithika, P.Vasu, P. Manoj

Third Prize : Preetam Sarkar, G Gouthami, P. Ahwitha, Abhishek K, Ananya, Sindhuja, Raghavendra,

Consolation : P. Rithika, R Anjali, Akshaya CH, Vignesh K Dhraneesh, Ravi Kumar, M Adithya, B Sri kumar Soumya Sikchi, S Nandini, M Mercy, T Nandu

List of Participants (screenshots if any)


Emoji based
Expression.

Benefits in terms of Learning:

Research Motivations, hands on experience on Artificial Intelligence poster of various Applications.

1. Students can improve their Skills and Ideas through their posters.
2. They have prepared the poster by representing their technical thoughts.
3. Students can develop the ability to communicate perceptively and concisely an important workplace skill.

4. The presentation will be shaped by how they are used in their discipline and by the assessment task itself

Sample Photographs (Banner)

Club Event Coordinators **CSE-HOD**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Artificial Intelligence (AI) Club

AI CLUB ACTIVITY LIST: III-I SEM (2024-25)

Sl No	Week #	Proposed Activity	Remarks
1	**08th Sep 2024**	Club members Registration.	
2	**16th to 23rd Sep 2024**	Started working on Real time Projects related to AI	
3	**30th to 07th Sep 2024**	Demonstration about various Domains to Club Students.	
4	**07th to 14th Oct 2024**	Project Title Selections	
5	**11th to 18th Nov 2024**	Project Executions	
6	**12th Nov 2024**	Organized **Workshop** on **"Generative AI"**	
7	**25th to 09 Dec 2024**	Executions of Projects.	

AI CLUB Coordinator **HOD (CSE)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Artificial Intelligence (AI) Club

AI CLUB ACTIVITY LIST: III-II SEM (2024-25)

Sl No	Week #	Proposed Activity	Remarks
1	**18th Jan 2025**	**Event** – Poster Presentation on Projects (Dept Level Event)	
2	**25th to 01st Feb 2025**	Start working on Real time Projects related to Machine Learning	
3	**08th to 15th Feb 2025**	Demonstration about various Domains, Techniques on Projects to Club Students.	
4	**22nd to 01st Mar 2025**	Project Title Selections	
5	**01st to 08th Mar 2025**	Explaining about Techniques, Algorithms of projects & Executions	
6	**15th to 22nd Mar 2025**	Executions of Projects.	
7	**22nd to 05th Apr 2025**	Make the each students to participate in atleast one Activity (Outside College) and giving presentations of their projects.	

AI CLUB Coordinator **HOD (CSE)**

YEAR&SEC: III-II &CSE-B				
			Date-14-01-2025	
Batch	Name	Roll No.	Title	Domain
1	Alure Rahul	228R1A0568	AI Powered Resume Applicant Tracking System (ATS) Checker	Artifical Intelligence
	Asutosh Tripathy	228R1A0572		
	Mohit Kumar	228R1A05A4		
	Maske Dhana Sree	228R1A05A5		
2	Deepak kumar sahoo	228R1A0590	Linkedin post generator tool	Artifical Intelligence
	imaad hussain	228R1A05A8		
	preetam sarkar	228R1A05B5		
	Yaseen Mohammed	228R1A05A9		
3	A.Mahesh	228R1A0567	Heart disease prediction using Ai	Artifical Intelligence
	G.venkata jaya krishna	228R1A0597		
	T.vishwas	228R1A05C5		
	Ch.sri Charan	228R1A0582		
4	S.Vishwa Avadhan Reddy	228R1A05C0	AI Stock Price Prediction	Artifical Intelligence
	D.Karthik	238R5A0509		
	K.S S B B Vishnu	238R5A0511		
	M.Tarun Kumar	238R5A0514		
5	Dannana Rohith	228R1A0588	AI Trip Planner	Artifical Intelligence
	A.Anudeep	228R1A0566		
	P.Ashwitha	228R1A05B4		
	Arsh Goel	228R1A0571		
6	A.Harshitha	228R1A0573	Image to Pencil Sketch	Artifical Intelligence
	Ch.Pallavi	228R1A0581		
	D.Tripura	228R1A0589		
	M.Sannitha	228R1A05A3		
7	Avani payasi	228R1A0574	Book Recommendation system using AI	Artifical Intelligence
	B.Aishwarya	228R1A0580		
	K.Sarah Sonia	228R1A05A2		
	N.yasaswini	228R1A05B0		
	T.Mahitha Reddy	228R1A05C7		
8	A.Sanjana	228R1A0569	Currency Recognition System using Image Processing	Artifical Intelligence
	P.Pallavi	228R1A05B7		
	K.Vaishnavi	228R1A05A0		
	SK.Arif	228R1A05C2		

9	B.Archana	228R1A0578	MENTORING BOOK MANAGEMENT SYSTEM	Artifical Intelligence
	M.Srija	228R1A05A6		
	S.Varishma	228R1A05C1		
	L.Varsha	238R5A0512		
	lakshmi sowmya	228r1a05c9		
10	G.Gouthami	228R1A0594	AI Therapist Story Generator	Artifical Intelligence
	G.Anrya	228R1A0595		
	Ch.Srikar	228R1A0586		
	Ch.Bhavani	228R1A0583		
	indu	238r5a0508		
11	N. Ashishprem	228r1a05b1	Face Recognition System	Artifical Intelligence
	Prashanth	228r1a05b9		
	Chintha Nivas	228r1a0587		
	Gagan Bhargav	228r1a0596		
	B Charan	228r1a0579		
12	MD.MUSKAN	228R1A05A7	Ai Based Email Spam Classifier	Artifical Intelligence
	S.SHARANYA	228R1A05C4		
	K.PUJITHA	238R5A0510		
	L.SNEHA	238R5A0513		
13	S.Vinay Kumar	228R1A05C3	AI BASED RESUME AND JOB MATCHING	Artifical Intelligence
	T.Siddarth Reddy	228R1A05C8		
	R.Sai Pavan	228R1A05B8		
	E.Vishnu	228R1A0592		
14	P.Harshitha	228R1A05b2	Fake News Detection using NLP	Artifical Intelligence
	P.Deepak	228R1A05B3		
	G.Akhil	228R1A0593		
	D.Madhuri	228R1A0591		
15	Ch. Shiva Kumar	228R1A0585	FAKE PROFILE IDENTIFICATION IN SOCIAL NETWORKS USING MACHINE LEARNING AND NLP	Artifical Intelligence
	Ch. Mahesh Babu	228R1A0584		
	B. Karthik Chowdary	228R1A0599		
	B. Maruthi	228R1A0577		
16	A Vasanth Reddy	228R1A0570	Text Summarization Using NLP	Artifical Intelligence
	B Maniteja	228R1A0575		
	Benjamin	228R1A0598		
	T.NAVEEN	228R1A05C6		
	P Kowshik	228R1A05B6		

YEAR&SEC: III-II &CSE-C			
			Date-14-1-2025
Batch	**ROLL NO:**	**STUDENT NAME**	**Title**
1	228R1A05D5	Koteswara Rao Bhupathi	DOOOLE SORT USING ARTIFICIAL INTELLIGENCE
	228R1A05G6	Mansi Navodiyula	
	228R1A05H8	Sruthi Salugu	
	238R5A0520	Uday Tejendra Reddy Pesaladinne	
2	228R1A05E1	Sruthi Ethumala	ADAPT AI-SUGGESTS ADAPTABILITY
	228R1A05G5	Navaneeth Alluri	
	228R1A05G8	Vinay Pulli	
	238R5A0515	Sandeep Kumar Meesala	
3	228R1A05D4	David Raj Bhupathi	AI-POWERED SMART CITY ASSISTANT BETWEEN ONLINE AND OFFLINE AI
	228R1A05H2	Vijay Sita Rama Sai Sushean Rajavarapu	
	228R1A05K3	Akash Yenuganti	
	238R5A0516	Mahendar Chowdary Nelluri	
4	228R1A05E7	Phanidhar Kalapati	AI-RESUME GENERATOR
	228R1A05E8	Kusum Kumar Kammela	
	228R1A05G3	Sushma Nagamalla	
	228R1A05K1	Upadhyay Vinod	
5	228R1A05D7	Rithvik Reddy Chappeta	CHESS GAME USING AI
	228R1A05E0	Dheeraj Seesala	
	228R1A05J4	Jashwanth Tejavath	
	238R5A0517	Hansika Nerella	
6	228R1A05D1	Anitha Annem	AI-LANGUAGE TRANSLATION WEB
	228R1A05E5	Aravind Sai Jadi	
	228R1A05E6	Chandana Sri Kola	
	228R1A05F1	Kavya Kathi	
7	228R1A05D8	Thanu Sree Darangula	AI-DESKTOP ASSISTANT THAT TALKS LIKE A HUMAN
	228R1A05J2	Soumya Gada	
	228R1A05H1	Mounika Pullagurla	
	238R5A0521	Namitha Pilli	
8	238R5A0519	Manoj Parre	AI-TRAVEL PLANNER
	228R1A05F2	Akshaya Kodam	
	228R1A05F6	Aravind Lakavath	
	228R1A05H0	Vasu Podishetti	
9	228R1A05D0	Palthi Akshaya	AI CODE GENERATOR
	228R1A05E3	Srikanth Guguloth	
	228R1A05F8	Meenakshi Mamilla	
	228R1A05H3	Kumar Rakesh	

10	228R1A05H5	Islam Raziul	SPEECH TO TEXT CONVERSIONS
	228R1A05J5	Shiva Kumar Thota	
	228R1A05J7	Sai Naveen Tingilkar	
	228R1A05K2	Madhu Chary Yadaram	
11	228R1A05D3	Krishnaveni Banothu	HOUSE PRICE PREDICTION BY USING MACHINE LEARNING TECHNIQUES
	228R1A05G4	Nanditha Nappari	
	228R1A05H6	Akhila Sabbavat	
	228R1A05H7	Bhavya Saiboina	
12	228R1A05J0	Shashank Shatraboina	AI SELF DRIVING CAR GAME
	228R1A05E4	Gnaneshwari J	
	228R1A05F0	Tejasvi Kataram	
	228R1A05E2	Keerthi Gorati	
13	228R1A05D9	Dutla Gnanpreeth Reddy	IMAGE TO SKETCH USING AI
	228R1A05G2	Akbar Mulla	
	228R1A05J3	Saket Tadakapally	
	238R5A0518	Reethu Pabathi	
14	228R1A05F9	Emmanuel Mathangi	SUDOKU SOLVER
	228R1A05G1	Aravind Reddy Mogusala	
	228R1A05G7	Norman Roach Nigel	
	228R1A05J6	Nagaraju Thudigeni	
15	228R1A05E9	Sairam Kandharaboina	
	228R1A05G9	Nithish Kumar Parsagani	
	228R1A05J8	Sathish Chandra V	
	228R1A05J9	Ravikumar Vangari	

YEAR&SEC: III-II &CSE-D

Date-14-01-2025

Batch	Name	Roll No.	Title
1	**228R1A05P4**	**Sathvika Miryala**	DEMAND FORECASTING
	228R1A05Q5	Niharika Raya	
	228R1A05P8	Nikhitha Nibbaragandla	
	228R1A05Q4	Amulya Rasabathula	
2	**228R1A05K4**	Kristina Adanaran	MUSIC RECOMMENDATION
	228R1A05L8	Harshitha Chinthalpally	
	228R1A05L5	Meghna Chakali	
	228R1A05M0	Akanksha Eppa	
3	**228R1A05R2**	Mahesh Surampally	CREDIT CARD FRAUD DETECTION
	228R1A05P7	Naroja Vignesh	
	228R1A05P9	Eswari Nunavath	
	228R1A05M2	Divija Garlapati	
4	**228R1A05K5**	**Charan Kumar Reddy Addula**	FAKE NEWS DETECTOR
	228R1A05K8	Laharika Arc	
	228R1A05Q6	Vigneshwar Reddy Samala	
	228R1A05N0	Kavitha Katepogu	
5	**228R1A05L1**	**Ravi Kumar Banda**	PERSONALIZED AI AGENT
	228R1A05N4	Sai Saanvi Kulkarni	
	228R1A05L2	Shravya Bandi	
	228R1A05M1	Venkatasai Ganapavarapu	
6	228R1A05L6	Rakshitha Chennala	AI CHATBOT
	238R5A0524	Dikshitha Shanigaram	
	238R5A0523	Tejaswini Poshala	
	228R1A05L9	Meghana Chittireddy	
7	**228R1A05R6**	Aakash Banoth	RESUME PARSER
	228R1A05N3	Pavan Kumar Koreddy	
	228R1A05N9	Hanceth Reddy Madduru	
	228R1A05P0	Rakesh Mane	
8	**228R1A05R7**	Nithin Kumar Gali	MALWARE DETECTION
	228R1A05Q3	Rahul Lingupothu	
	238R5A0527	Krishna Yemke	
	238R5A0528	Akhil Yadav Kalla	
9	**228R1A05M7**	Kumari Kalyani	PREDICTIVE MODEL TO STUDY THE EMPLOYEE SATISFACTION
	228R1A05M8	Indraja Rani Kanukuntla	
	228R1A05R0	Kumari Simran	
	238R5A0522	Meghana Ponnam	

10	**228R1A05L4**	Ganesh Chakali	NOTES & PASSWORD MANAGER
	228R1A05M4	Karthik Irugu	
	228R1A05R5	Dilip Kumar Yaggadi	
	228R1A05M5	Rathish Jangu	
11	**228R1A05K6**	Anusha Aluri	CROP MAXIMIZING SYSTEM
	228R1A05N6	Bhargavi Laishetti	
	228R1A05Q2	Akhila Pulle	
	228R1A05P2	Kavya Meda	
12	**228R1A05N1**	**Saikiran Katike**	EARTHQUAKE PREDICTION
	228R1A05L7	Jathin Chetty	
	228R1A05P5	Ashish Nagaram	
	228R1A05P6	Vinay Varma Nampally	
13	**228R1A05N7**	**Adithya Machavaram**	DIABETES PREDICTION
	228R1A05M9	Dharaneesh Kunamalla	
	228R1A05P3	Bheemendra Srikumar Meka	
	228R1A05Q0	Mahesh Babu Pasupunuti	
14	**228R1A05L3**	Shyam Kumar Begari	EXPERT SYSTEM FOR MEDICAL DIAGNOSTICS
	228R1A05L0	Ganesh Chandra B	
	228R1A05K9	Sravan Kumar Avusunuri	
	228R1A05R4	V Lokesh Kumar	
15	**228R1A05N2**	**Durga Srikar Pranav Tadala**	AI POWERED QR CODE GENERATOR
	238R5A0525	Sola Daya Sagara Veerendra Varma	
	228R1A05K7	Dahiya Anikate	
	228R1A05Q7	Shahare Sarang	
16	**228R1A05N5**	Parmesh Kummari	TEXT TALK
	228R1A05P1	M Sai Vishnu	
	228R1A05R3	Hrushikesh Goud Talla	
	228R1A05Q1	Harsha Vardhan Pitta	
17	**228R1A05Q9**	Chandrakanth Shinde	DIAGNOSE CROP DISEASE
	228R1A05M3	Teja Vardhan Golla	
	228R1A05M6	K Rama Krishna Reddy	
	228R1A05Q8	Kumar Saurabh	
	228R1A05N8	M Sanju	

An Event Report

On

"CLUBS PROJECT PRESENTATION"

Title of Event	**: Clubs Project Presentation**
Date of Event	**: 25/03/2025, 26/03/2025, 28/03/2025 (Time: 10.00 AM- 12.30PM & 1.30 PM- 3.30PM)**
Total No. of Participants	**: 755 (Registered)**
Student Participants	**: II & III Years**
Venue	**: CSE block, CMR Engineering College**
Organizers	**: Dept. of CSE**
Coordinators	**: Mr. Mrutyunjaya S Yalawar Mrs. Y. Prathima**

Aim & Objective:

The major objective of the Club Project Presentation is to make the students making presentation towards the most demanding technology in Artificial Intelligence, Machine Learning, IOT and various kinds of domain where students need to work on problems and its possible solutions. The event were in relation to change requirement where how to work on various domains available in order to findout the accuracy forthe given problem using various techniques related to AI, ML, IOT etc applications. Therefore, participants can learn a broad range of current used frameworks with research motivations, contribution towards paper publications and value additions in the field of various real time applications related to like Mobile App Development, Business Productivity App, Education Technology, Social Networking, Sector etc, The Overall Event made the understand of how to work with Ideas with respect to poster presentation in various fields.

Description

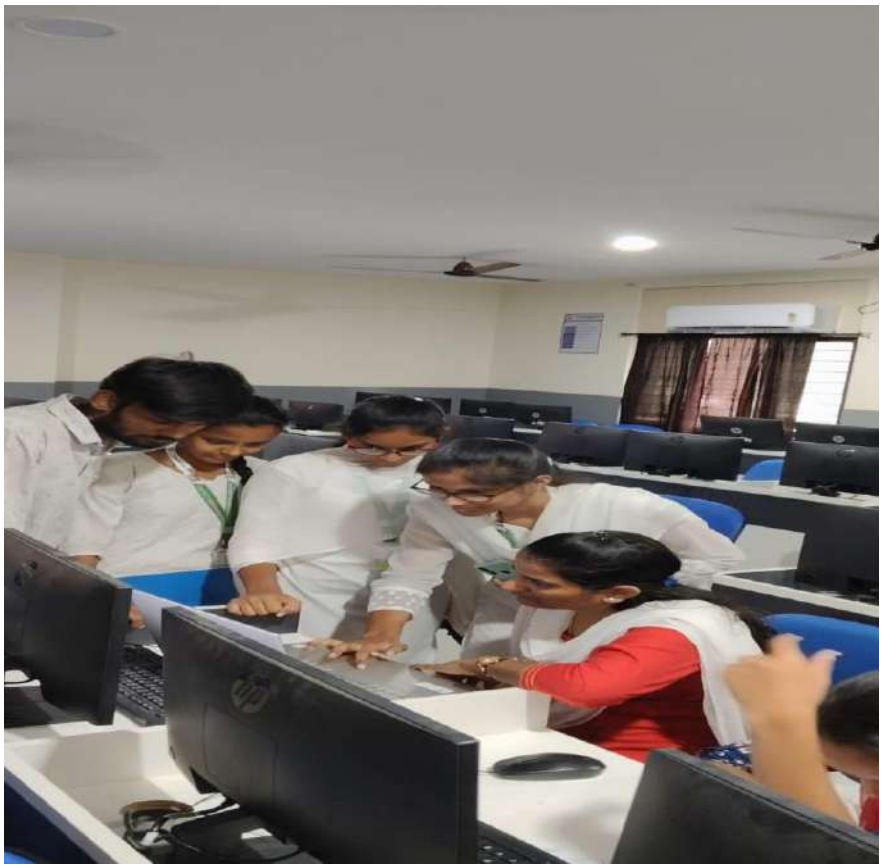
This specific Event for 3 Days gives the overall basic Club project presentations and implementation using various applications where the Students can able to solve the real time problems by using techniques in the form of posters, real time applications.

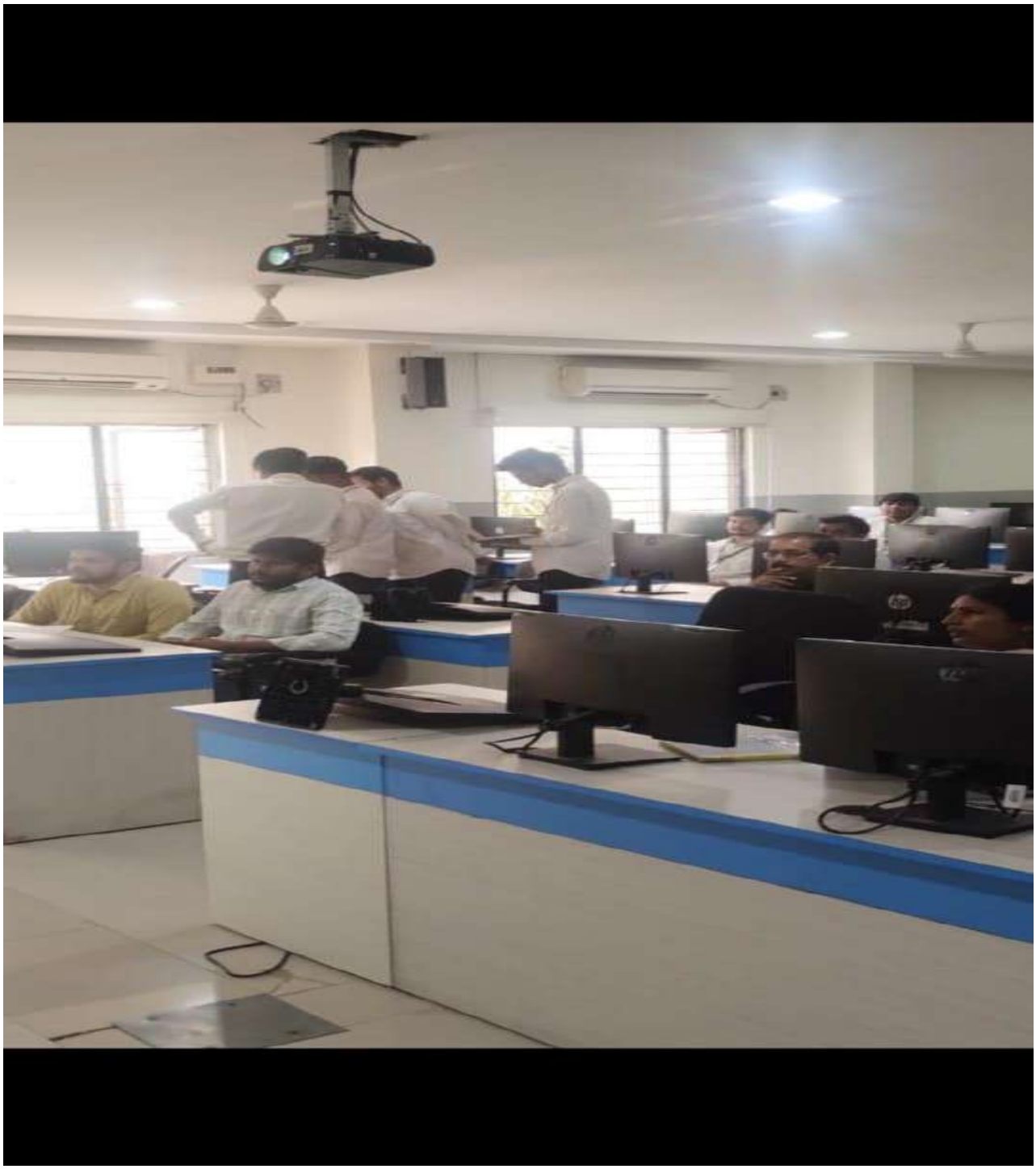
The Presentation was conducted to improve the knowledge of the student skills, Communication, their

ability to express the technical views. It was conducted internally within the departments by the Coding club Coordinators (J.Manjuvani, B.Pallavi, Kagdi Husen Rajabali, M.Nageshwar, K.Arun Prakash, Laxman, MD.Mohammed Azhar, G.Nikhil) and AI Club Coordinators (K. Anoosha, Disha Maity, S. Sumalatha, J. Ramya,) . The evaluation was done by various Department Heads and the Principal. There are 4 prizes (First, Second and two Third prizes) along with the consolation Prizes for three Teams.

List of Participants (screenshots if any)


Existing System





Students List (Batch wise):

II Year Students:

	Coding Club			Section:CSE-C
S.NO	S.NO	ROLL NO	NAMES	PROJECT TITLE
BRANCH & SECTION: II CSE-C				Coding Club (2024-2025)
1	BATCH-1	238R1A05K1	VYBHAV.R.BHAT	
		238R1A05H0	M.VISHNU VARDHAN	
		238R1A05H7	SAI ANIRUDH PARAMESH	
		238R1A05H5	R.MANJUNATH	Temperature Converter
2	BATCH-2	238R1A05E1	SRI SAI DATTA	
		238R1A05J7	V.VAINATHEYA	
		238R1A05J9	V.CHANDANA	
		238R1A05D3	A.DEVI SRI	A simple AI chatbot using LLM
3	BATCH-3	238R1A05J0	SHAIK KAIF	
		238R1A05J4	T.MRINANK	
		238R1A05D5	AYESHA MARIYAM	
		238R1A05H2	N.LAXMI PRASANNA	Basic climate temperatures based on Co2 levels
4	BATCH-4	238R1A05G6	MARUSHIKA KALYAN	
		238R1A05K3	Y.SAI AKSHAYA	
		238R1A05F8	K.SATHWICK	
		238R1A05F2	K.KOUSHIK	expense tracker app
5	BATCH-5	238R1A05K0	V.LOKESH	
		238R1A05F0	G.BHARGAV	
		238R1A05H8	S.MITHULA	
		238R1A05H3	P.SOUNDARYA	CODE BATTLE ARENA
6	BATCH-6	238R1A05F7	K.RAJITHA	
		238R1A05D1	A.KANISH	
		238R1A05J6	V.LOHIT DATTA VARMA	
		238R1A05H1	N.SANTHOSH	Logic Craft
7	BATCH-7	248R5A0515	G.AKSHAYA	
		238R1A05G9	M.SONIYA	
		248R5A0518	J.VIKAS	
		248R5A0516	H.AJAY	Quiz Test
8	BATCH-8	248R5A0514	G.MAHESH	
		248R5A0517	J.RAGAVENDRA	
		238R1A05D7	B.RAJESHWARI	
		238R1A05G0	L.DIVYA	AI Tutors / Learning Platforms
9	BATCH-9	238R1A05E9	G.YASHWANTH REDDY	
		238R1A05E5	B.ASHWIN	
		238R1A05F6	K.SIDDARTHA	
		238R1A05G3	M.AKHHEEL TEJ	Smart Home Automation System
10	BATCH-10	238R1A05J1	SOMEPALLI HARSHINI	
		238R1A05G5	M.NAGA CHAITANYA	
		238R1A05J2	S.MANOGN	
		238R1A05D4	ARYAN JOSHI	Currency Converter Website
11	BATCH-11	238R1A05H9	SHAIK ATHUFA	
		238R1A05G8	MIRYALA BHAVANI	
		238R1A05F9	K.SUVARNA	
		248R5A0513	G.HEMANTH	Smart doorbell
12	BATCH-12	238R1A05E7	D.RATAN	
		238R1A05E6	CH.VAMSHI	
		238R1A05F5	K.UDAY KIRAN	
		238R1A05E2	B.HEMANTH REDDY	Text Encryption and Decryption
13	BATCH-13	238R1A05H6	R.VARSHITH REDDY	
		238R1A05E4	B.BHARATH	
		238R1A05J8	V.TARUN	
		238R1A05J3	ADITYA APOORV	Debug Entity
14	BATCH-14	238R1A05E0	B.ANUSHA	
		238R1A05D8	B.SRAVANI	
		238R1A05D0	A.ASMITHA	
		238R1A05F1	VARSHITHA	CROP YIELD PREDICTION
15	BATCH-15	238R1A05E3	B.HARSHITHA	
		238R1A05D2	T.AARADHYA	
		238R1A05J5	A.SHIREESHA	Task-sharing app
		238R1A05G7	M.GANESH	
16	BATCH-16	238R1A05G1	M.ABHILASH	
		238R1A05E8	E.AVINASH	
		238R1A05D9	B.MUKESH	
		238R1A05G2	M.VIJAY	BATTERY HEALTH MONITORING APP
17	BATCH-17	238R1A05F3	K.SAHITH REDDY	
		238R1A05F4	K.VEERA BABU	
		238R1A05K2	Y.NIKHIL CHARY	
		238R1A05G4	M.BHUPAL	
		238R1A05D6	B.DURGA PRASAD	Robust Routine

Year & Section : II CSE-F

DATE: 02-04-2025

BATCH No	ROLL NO	NAME OF THE STUDENT	DOMAAIN NAME	TITLE
BATCH - 1	238R1A05Y2	A.Hemanth	HTML,CSS and JS	
	238R1A05AQ	M.Chennaiah		
	238R1A05BR	T.Krishna		
	238R1A05BW	Y.Rama Krishna Prasad		Study Planner
BATCH - 2	238R1A05Y3	A.Aishwarya	PYTHON	
	238R1A05AD	J.Adithya		
	238R1A05BH	R.Jyothi Sree		
	238R1A05BU	V.Jeevan Kumar		TEXT ENCRYPTION AND DECRYPTION
BATCH - 3	238R1A05AN	M.KOUSHIK REDDY	HTML,CSS and JS	
	238R1A05AB	I.RAKESH REDDY		
	238R1A05Z1	B.RUCHITHA		
	238R1A05AS	M.THARUNI SRI		SMART EDUCATION
BATCH - 4	238R1A05AM	L.VIGNESHWAR REDDY	PYTHON	
	238R1A05Y4	A.SATHVIKA		
	238R1A05Y9	B.POOJITHA		
	238R1A05BC	P.PATHANJALI		Care Connect
BATCH - 5	248R5A0531	M.ANUSHA	python	
	248R5A0532	N.SRI CHARAN		
	248R5A0533	N.NAVYA SREE		
	248R5A0534	P.ANNAPOORNA		steganography
BATCH - 6	238R1A05BN	S.USHA SRI	OOPS JAVA	
	2381A05AP	M.VISHALA		
	238R1A05Y7	B.KISHORE KUMAR REDDY		
BATCH - 7	238R1A05Y8	Parushuram	Python	
	238r1A05BX	Harsha Vardhan		
	238R1A05BV	Visshwaagh		
	238R1A05BK	R Sukanya		VIRTUO BANK-ONLINE BANKING SYSTEM
BATCH - 8	238R1A05AT	M. Karthik	PYTHON	FILE EXPLORER
	238R1A05AV	Md. Mubasheer Uddin		
	238R1A05Y5	Atharv Sharma		
	238R1A05AU	Md. Shahnawaz		
	238R1A05AW	Md. Sohel		
BATCH - 9	238R1A05AF	K.Mrunalini	HTML, CSS and JS	
	238R1A05AG	K . Tejesh		
	238R1A05AX	M. Sai Preethi		
	248R5A0535	P. Harsha Vardhan		MyPetPal(user friendly and approachable)
BATCH - 10	238R1A05Z8	G.Sharon Shamsthuthi	PYTHON	
	238R1A05AA	V.Himanshu		
	238R1A05AR	M.Naga Santhoshi		
	238R1A05BD	P.Navadeep		GENDER PREDICTION USING SOUND
BATCH - 11	238R1A05BL	Yamuna	HTML,CSS and JS	
	238R1A05Z0	Saritha		
	238R1A05Z5	Swathvika		
	238R1A05Z7	Yogesh		Voice -Enabled calculator
BATCH - 12	238R1A05BQ	T. ABHISHEK	JAVA, PYTHON	
	238R1A05Z4	D. ROHAN		
	238R1A05Z6	G. SHASHI KUMAR		Order processing system
	238R1A05BT	V.THARUN TEJA		

BATCH - 13	23821A05BJ	Raja kumar	JAVA	
	23821A05Z2	Vishnu		
	23821A05AY	Vidhyadhar		
	23821A05AE	Siddhartha		Real Time Weather Forcasting
BATCH - 14	238R1A05AJ	K.Vennela	PYTHON	
	238R1A05AK	K.Nikitha		
	238R1A05AL	K.Tarun		
	238R1A05BM	S.Rahul		Fake news detection using deep learning
BATCH - 15	238R1A05Z3	CH.Ajay Reddy	PYTHON	
	238R1A05BB	P.Chakranya		
	238R1A05BF	P.Jyothi		
	238R1A05BP	S.Sannitha		Accident Alert and vehicle tracking
BATCH - 16	238R1A05Y6	B.Yashwanth	PYTHON	
	238R1A05AH	K.Nanda Kishore Chary		
	238R1A05AZ	N.Ashritha		
	238R1A05BS	V.Kavya Sree		Online Ticket Booking System

Batch	Roll No	Titles
1	238R1A0575	Patient Registry Management System
	238R1A05A2	
	238R1A05C4	
	238R1A05B3	
2	238R1A0576	Snake and Ladder Game
	238R1A05C6	
	238R1A05A5	
	238R1A0597	
3	238R1A05C0	Exam Management System
	238R1A0591	
	238R1A0571	
	238R1A05A3	
4	238R1A05C2	Student Admission Details
	248R5A0509	
	248R5A0510	
	238R1A0590	
5	238R1A0572	Basic Climate Temperature prediction based on CO2 levels
	238R1A0569	
	238R1A05B5	
	248R5A0508	
6	238R1A0595	Advanced Payroll Management System
	238R1A05C8	
	238R1A0587	
	238R1A05A7	
7	238R1A05C7	Data Visualization Dashboards
	238R1A05A9	
	238R1A05B6	
	238R1A0589	
8	238R1A0566	Virtual Mouse using Hand Gestures
	238R1A05B2	
	238R1A05B9	
	238R1A05C5	
9	238R1A0580	Virtuo Bank - Online Banking System
	238R1A05A4	
	238R1A05B5	
	248R5A0512	
10	238R1A0582	Attendance Management System
	238R1A0574	
	238R1A05A0	
	238R1A0598	

11	238R1A0570	Agricart
	238R1A0593	
	238R1A05A1	
	248R5A0507	
12	238R1A0588	File Type Conversion
	238R1A05C3	
	238R1A0594	
	238R1A0597	

S.NO	BATCH NO	ROLL NUMBER	STUDENT NAME	DOMAIN NAME	PROJECT TITLE
1	BATCH-E01	238R1A05V3	Vignesh Kunta	Java	File Type Converter
		238R1A05Y0	Setti Wiraprasad Wasan		
		248R5A0527	Rajendar reddy M		
		238R1A05W6	Ananda Rao Pondrati		
2	BATCH-E02	238R1A05T6	Geetha Swarupini Gunda	Java	Online Exam Management System
		238R1A05T2	Narahari Gayatri		
		238R1A05U0	Harshitha J		
		238R1A05X4	Soudhari Sharon		
3	BATCH-E03	238R1A05W4	Harshavardhan Pendli	Java	Typing Speed Tester Using Java
		238R1A05W5	Rithik Pendyala		
		238R1A05V2	Srija Kunja		
		238R1A05R9	Aishwarya Anthati		
4	BATCH-E04	238R1A05R8	Hemanth Kumar Reddy A	Python	Batch File Renamer
		238R1A05T0	Vardhan Gade		
		238R1A05X3	Ajay Kumar Shanigarapu		
		238R1A05V4	Vinod Kumar Kuruva		
5	BATCH-E05	238R1A05U1	Shivamani Jadala	Java	Student Report Card System
		238R1A05S5	Nandakumar Chinthamalla		
		238R1A05U6	Jayanth Katherapally		
		238R1A05T9	Veera Shashank Reddy Ippala		
6	BATCH-E06	238R1A05S1	Sai Akshith Reddy Baddam	Java	Advanced Payroll Mangement System
		238R1A05T8	Naren Induri		
		238R1A05S7	Prayval Damodhar		
		238R1A05U5	Siddhartha Kuspa		
7	BATCH-E07	238R1A05U2	V Lakshmi Keerthana K	Python	Music Pattern Recognition
		238R1A05U4	Usharani Karri		
		248R5A0530	KAVYA MARIKANTI		
		238R1A05V9	Rakesh Meguvath		
8	BATCH-E08	238R1A05X0	Sony Sampangi	Python	Seam Less File Type Transformation
		238R1A05W9	Roni Sameer		
		238R1A05T1	GAVVALA AKSHARA		
		238R1A05S0	Bhumika Rao B		
9	BATCH-E09	238R1A05T5	Varshitha Gourineni	Python	Smart Health Prediction System
		238R1A05X2	Nazeer Shaik		
		238R1A05T4	Venkata Sreesha Gollapalli		
		238R1A05X1	Ahmed Shaik		

10	BATCH-E10	238R1A05W7	Pratap Singh Rudra	Python	Personnel Finance Tracker
		238R1A05T3	Sai Kowshik Gogineni		
		238R1A05S9	Laxmi Prasanna Dusa		
		238R1A05V1	Dilip Kumar K		
11	BATCH-E11	238R1A05S8	Ramesh Dharavath	Java	Hang Man Game
		238R1A05V0	Nathan Kommarajula		
		238R1A05W8	Charan Gaddam Sai		
		238R1A05Y1	Chaitanya Kumar Yerramilla		
12	BATCH-E12	238R1A05S6	Manju Cotti	Java	Tic - Tac - Toe Game
		238R1A05X9	Aishwarya Reddy Veerareddy		
		238R1A05S4	Abhinay Chukka		
		238R1A05U7	Shivani Katkam		
13	BATCH-E13	238R1A05X5	Sanjay Sundaragiri	Python	AI Climate Change Prediction and Disaster Management
		238R1A05X6	Sravani Thunniru		
		238R1A05X7	Ashwanth Reddy Thudi		
		238R1A05V7	Nandini Mamindlapalli		
14	BATCH-E14	238R1A05W1	Thoufeeq Riza Mohammed	Python	Invoice Generator with PDF Export
		238R1A05W2	Akhil Nakka		
		238R1A05W0	Sai Charan Meegarthi		
		238R1A05U9	Srikanth Kethavath		
15	BATCH-E15	238R1A05U3	Yagnaja Kandula	C	Snake and Ladder Game Process
		238R1A05V5	Kundana Macherla		
		238R1A05V6	Archana Madaka		
		238R1A05V8	Shruthi Manthani		
16	BATCH-E16	238R1A05S3	Phanendra Bonu	Python	Online Ticket Booking System
		238R1A05W3	Sushma Pashu		
		238R1A05X8	Chaitanya Krishna Tirupathi		
		238R1A05U8	Navya Katta		
17	BATCH-E17	238R1A05S2	Ganesh Bharmavath	Python	Blood Group Detection Using Fingerprint
		248R5A0525	SWATHI LVS		
		248R5A0526	HARSHITHA LINGAMARLA		
		248R5A0529	RAGHU MANTHENA		

Batches	Roll Number	Name	Topics
A01	23BR1A0508	B.Trushi	Cosmic Drift
	23BR1A0516	M.Eswar Reddy	
	23BR1A0526	L.Nagarjun	
	23BR1A0562	U.Thirupathi Rao	
A02	23BR1A0540	N.Charitha	Smart City
	23BR1A0565	Y.Bhargavi	
	23BR1A0551	R.Likitha	
	23BR1A0545	M.Praneetha Sai	
A03	23BR1A0534	Mohammad Shadul	Bank Management System
	23BR1A0520	J.Aditya	
	23BR1A0532	Md.Althaf	
	23BR1A0544	P.Sailesh Paul	
A04	23BR1A0554	S.Susheel	QR-Code Generator
	23BR1A0559	T.Vasu	
	23BR1A0533	Koushik	
	23BR1A0542	P.Dhanush Kumar	
	23BR1A0536	M.Sanjeevan	
A05	24BR5A0506	Navya	Voice Assistant
	23BR1A0539	N.Pravalika	
	23BR1A0541	N.Swathi	
	23BR1A0547	R.Deepthi	
A06	23BR1A0535	M.Krishna	Password Generator
	23BR1A0552	S.Rishith	
	23BR1A0529	M.Mamali	
	23BR1A0557	Tayyabba	
A07	23BR1A0501	A.Bhargavi	ATM Simulator
	23BR1A0507	B.Ritu	
	23BR1A0523	K.Rakesh	
	23BR1A0553	S.Shreya	
A08	23BR1A0564	V.Bharath Chary	Media Player Controlling using Hand Gestures
	23BR1A0504	Avinash.V	
	23BR1A0549	R.Prabhanjan Reddy	
	23BR1A0550	Riyon AL ABIB	
A09	23BR1A0563	Akhila	Online CV/Resume Builder
	23BR1A0511	C.Rasagna	
	23BR1A0522	Varsha	
	23BR1A0528	Keerthana	
A10	23BR1A0519	J.Harsha Vardhan	AI for Climate Mitigation and Adaption
	23BR1A0509	B.Sadhana	
	23BR1A0513	D.Lumbini	
	23BR1A0506	B.Sohan	
	23BR1A0514	Dhruv Sai	
A11	23BR1A0560	T.Laxman	Temperature Converter
	23BR1A0527	M.Prashanth	
	23BR1A0517	G.Durga Prasad	
	2348R5A0501	B.Akshay	
A12	23BR1A0524	Abhishek	AB
	23BR1A0530	Sanjay	
A13	23BR1A0510	C.Jagadeesh	Attendance Management System
	23BR1A0515	E.Swagathanjali	
	23BR1A0512	D.Sreeja	
	23BR1A0543	P.Swathi	
A14	24BR5A0503	Banoth Vasu	Expense Tracker applications with GUI
	24BR5A0505	Guru Charan	
	23BR1A0502	Kalyan	
	23BR1A0548	Shyam	
A15	23BR1A0561	U.Chandana	Internet Banking
	23BR1A0558	T.Sahithi	
	23BR1A0525	L.Varalaxmi	
	23BR1A0531	M.Nandini	
	24BR5A0502	Harika	
A16	23BR1A0538	M.Mani Sidhanth	Gender Prediction using sound
	23BR1A0505	B.Kanishk	
	23BR1A0555	Someshekar	
	23BR1A0546	R.Surya Teja	
A17	24BR5A0504	Varun	Online Movie Ticket Booking
	23BR1A0518	Naresh	
	23BR1A0537	Thanishk	
	23BR1A0556	Balaji	
	23BR1A0503	Anshuman	

Coding Club (2024-25)

Year and Section : CSE II-G

Batch	Roll No	Titles
1	248R5A05CS	Typing speed tester Using Java
	238R1A05CZ	
	238R1A05DW	
	248R5A05DX	
2	238R1A05EN	Snake and Ladder Game
	238R1A05DK	
	238R1A05CE	
	238R1A05CW	
3	238R1A05DP	Exam Management System
	238R1A05DF	
	238R1A05DL	
	238R1A05DN	
	238R1A05DM	
4	238R1A05CH	Student Admission Details
	238R1A05CP	
	238R1A05CN	
	238R1A05CQ	
5	238R1A05DV	Task Master (To-Do List)
	238R1A05DJ	
	238R1A05CV	
	248R5A05DR	
6	238R1A05DH	Advanced Payroll Management System
	238R1A05CR	
	238R1A05CF	
	238R1A05EP	
7	238R1A05CC	Data Visualization Dashboards
	238R1A05EJ	
	238R1A05CL	
	238R1A05DD	
	238R1A05EK	
16	238R1A05DG	Billing System
	238R1A05DU	
	238R1A05DT	
	238R1A05DY	
	238R1A05BZ	

8	248R5A0544	Virtual Mouse using Hand Gestures
	248R5A0541	
	248R5A0543	
	248R5A0542	
9	238R1A05CU	Online Quiz Application
	238R1A05EH	
	238R1A05DQ	
	238R1A05CY	
10	238R1A05CT	Attendance Management System
	238R1A05EF	
	238R1A05EE	
	238R1A05DB	
	238R1A05EL	
11	238R1A05DC	MED Alert
	238R1A05DE	
	238R1A05ED	
	248R5A0537	
12	238R1A05CX	Password Generaator in Python
	248R1A0538	
	238R1A05DA	
	238R1A05EG	
13	238R1A05BY	Coding Assistant
	248R5A0539	
	248R5A0540	
	248R5A0545	
14	238R1A05DZ	Attendance Management System
	238R1A05CM	
	238R1A05CG	
	238R1A05CJ	
15	238R1A05CA	Alcohol Dectetor
	238R1A05EA	
	238R1A05EB	
	238R1A05EM	

III Year Students:

Batch no	Name	Roll no	Title
A1	K.Neeraja	228R1A0534	LOAN ELIGIBILITY PREDICTION SYSTEM
	G.Chandrashekar	228R1A0524	
	A.Laxmi Prasanna	228R1A0504	
	T.Navya Sri	228R1A0559	
A2	ASAD BABA	238R5A0502	Auto capture Selfie by Detecting Smile
	B.KEVIN	238R5A0504	
	B.SANTHOSH	238R5A0505	
	B.ROOPA	238R5A0506	
A3	A.ARUN KUMAR	228R1A0508	Diabetes prediction using random forest classifier
	B.KUSUMITA	228R1A0512	
	CVS.SREE PRANATHI	228R1A0516	
	V.AJAY	228R1A0562	
A4	A.VAJRASRI	228R1A0505	HUMAN ACTIVITY RECOGNITION
	D.SANJANA	228R1A0520	
	J.AMUL	228R1A0527	
	B. YADAGIRI	238R5A0503	
A5	K.Vishnu Vardhan	228R1A0535	Demand Forcasting
	T.Sriharsha	228R1A0561	
	CH.Srinandan	228R1A0515	
	V.Sri Sai Teja	228R1A0565	
A6	K.Rakesh	228R1A0530	DEVIN
	Soumay Sikchi	228R1A0557	
	Adarsh kumar	228R1A0503	
	V.Deeven kumar	228R1A0564	
A7	L.Bunny	228R1A0537	Cybershield AI(Intelligent threat detection system)
	K.Manogna	228R1A0531	
	T.Nandhu	228R1A0523	
	G.shruthi	228R1A0525	
A8	D sathya Reddy	228R1A0522	MNIST Digit Classification
	R Supriya	228R1A0553	
	M Renuka	228R1A0543	
	B.Sreekanth	228r1a0510	
A9	A.Sai Teja	228R1A0507	Desktop Assistent
	A.Tejaswini	228R1A0509	
	P.Trisha Reddy	228R1A0550	
	A.Pradeep	238R5A0501	
A10	T.Navya	228R1A0560	Neural Style Transfer
	R.Divya	228R1A0552	
	D.Sai Anusha	228R1A0521	
	Hrushikesh Ratnam	228R1A0526	
A11	P. Sindhuri	228R1A0546	Basic Neural Network
	K.Soumya Sri	228R1A0536	
	K.Shreya	228R1A0529	
	P.Pritam	228R1A0549	
A12	S.Nandini	228R1A0555	Visualizing and forecasting stocks
	M.Mercy	228R1A0540	
	M.Sarfaraz	228R1A0542	
	S.Shekar	228R1A0554	
A13	V.NARENDER	228R1A0563	Coustomer segmentation using ML
	P.AJAY	228R1A0548	
	P.AVINASH	228R1A0545	
	C.SRIPADH	228R1A0517	
A14	SYED MUSKAN NOORIN	228r1a0558	video streaming
	Dasari varshitha	228r1a0518	
	Md masthan	228r1a0541	
	Abdul Harish Khan	228r1a0502	
A15	Ch.Sharadha	238R5A0507	AI-Powered Patient Data Analysis
	S.Sumana	228R1A0556	
	N.Sathwik	228R1A0544	
	A. Ramajaneyulu	228R1A0501	
A16	B.Akash	228R1a0513	Basic Chatbot for FAQs
	K.Jeevan Kumar	228R1A0532	
	P.Karthik reddy	228R1A0547	
	G.Rakesh	228R1A0551	

YEAR&SEC: III-II &CSE-B				
			Date-14-01-2025	
Batch	Name	Roll No.	Title	Domain
1	Alure Rahul	228R1A0568	AI Powered Resume Applicant Tracking System (ATS) Checker	Artifical Intelligence
	Asutosh Tripathy	228R1A0572		
	Mohit Kumar	228R1A05A4		
	Maske Dhana Sree	228R1A05A5		
2	Deepak kumar sahoo	228R1A0590	Linkedin post generator tool	Artifical Intelligence
	imaad hussain	228R1A05A8		
	preetam sarkar	228R1A05B5		
	Yaseen Mohammed	228R1A05A9		
3	A.Mahesh	228R1A0567	Heart disease prediction using Ai	Artifical Intelligence
	G.venkata jaya krishna	228R1A0597		
	T.vishwas	228R1A05C5		
	Ch.sri Charan	228R1A0582		
4	S.Vishwa Avadhan Reddy	228R1A05C0	AI Stock Price Prediction	Artifical Intelligence
	D.Karthik	238R5A0509		
	K.S S B B Vishnu	238R5A0511		
	M.Tarun Kumar	238R5A0514		
5	Dannana Rohith	228R1A0588	AI Trip Planner	Artifical Intelligence
	A.Anudeep	228R1A0566		
	P.Ashwitha	228R1A05B4		
	Arsh Goel	228R1A0571		
6	A.Harshitha	228R1A0573	Image to Pencil Sketch	Artifical Intelligence
	Ch.Pallavi	228R1A0581		
	D.Tripura	228R1A0589		
	M.Samitha	228R1A05A3		
7	Avani payasi	228R1A0574	Book Recommendation system using AI	Artifical Intelligence
	B.Aishwarya	228R1A0580		
	K.Sarah Sonia	228R1A05A2		
	N.yasaswini	228R1A05B0		
	T.Mahitha Reddy	228R1A05C7		
8	A.Sanjana	228R1A0569	Currency Recognition System using Image Processing	Artifical Intelligence
	P.Pallavi	228R1A05B7		
	K.Vaishnavi	228R1A05A0		
	SK.Arif	228R1A05C2		

9	B.Archana	228R1A0578	MENTORING BOOK MANAGEMENT SYSTEM	Artifical Intelligence
	M.Srija	228R1A05A6		
	S.Varishma	228R1A05C1		
	L.Varsha	238R5A0512		
	lakshmi sowmya	228r1a05c9		
10	G.Gouthami	228R1A0594	AI Therapist Story Generator	Artifical Intelligence
	G.Aarya	228R1A0595		
	Ch.Srikar	228R1A0586		
	Ch.Bhavani	228R1A0583		
	indu	238r5a0508		
11	N. Ashishprem	228r1a05b1	Face Recognition System	Artifical Intelligence
	Prashanth	228r1a05b9		
	Chintha Nivas	228r1a0587		
	Gagan Bhargav	228r1a0596		
	B Charan	228r1a0579		
12	MD.MUSKAN	228R1A05A7	Ai Based Email Spam Classifier	Artifical Intelligence
	S.SHARANYA	228R1A05C4		
	K.PUJITHA	238R5A0510		
	L.SNEHA	238R5A0513		
13	S.Vinay Kumar	228R1A05C3	AI BASED RESUME AND JOB MATCHING	Artifical Intelligence
	T.Siddarth Reddy	228R1A05C8		
	R.Sai Pavan	228R1A05B8		
	E.Vishnu	228R1A0592		
14	P.Harshitha	228R1A05b2	Fake News Detection using NLP	Artifical Intelligence
	P.Deepak	228R1A05B3		
	G.Akhil	228R1A0593		
	D.Madhuri	228R1A0591		
15	Ch. Shiva Kumar	228R1A0585	FAKE PROFILE IDENTIFICATION IN SOCIAL NETWORKS USING MACHINE LEARNING AND NLP	Artifical Intelligence
	Ch. Mahesh Babu	228R1A0584		
	B. Karthik Chowdary	228R1A0599		
	B. Maruthi	228R1A0577		
16	A Vasanth Reddy	228R1A0570	Text Summarization Using NLP	Artifical Intelligence
	B Maniteja	228R1A0575		
	Benjamin	228R1A0598		
	T.NAVEEN	228R1A05C6		
	P Kowshik	228R1A05B6		

YEAR&SEC: III-II &CSE-D

Date-14-01-2025

Batch	Name	Roll No.	Title
1	**228R1A05P4**	**Sathvika Miryala**	DEMAND FORECASTING
	228R1A05Q5	Niharika Raya	
	228R1A05P8	Nikhitha Nibbaragandla	
	228R1A05Q4	Amulya Rasabathula	
2	**228R1A05K4**	Kristina Adanaran	MUSIC RECOMMENDATION
	228R1A05L8	Harshitha Chinthalpally	
	228R1A05L5	Meghna Chakali	
	228R1A05M0	Akanksha Eppa	
3	**228R1A05R2**	Mahesh Surampally	CREDIT CARD FRAUD DETECTION
	228R1A05P7	Naroja Vignesh	
	228R1A05P9	Eswari Nunavath	
	228R1A05M2	Divija Garlapati	
4	**228R1A05K5**	**Charan Kumar Reddy Addula**	FAKE NEWS DETECTOR
	228R1A05K8	Laharika Are	
	228R1A05Q6	Vigneshwar Reddy Samala	
	228R1A05N0	Kavitha Katepogu	
5	**228R1A05L1**	**Ravi Kumar Banda**	PERSONALIZED AI AGENT
	228R1A05N4	Sai Saanvi Kulkarni	
	228R1A05L2	Shravya Bandi	
	228R1A05M1	Venkatasai Ganapavarapu	
6	228R1A05L6	Rakshitha Chennala	AI CHATBOT
	238R5A0524	Dikshitha Shanigaram	
	238R5A0523	Tejaswini Poshala	
	228R1A05L9	Meghana Chittireddy	
7	**228R1A05R6**	Aakash Banoth	RESUME PARSER
	228R1A05N3	Pavan Kumar Koreddy	
	228R1A05N9	Haneeth Reddy Madduru	
	228R1A05P0	Rakesh Mane	
8	**228R1A05R7**	Nithin Kumar Gali	MALWARE DETECTION
	228R1A05Q3	Rahul Lingupothu	
	238R5A0527	Krishna Yemke	
	238R5A0528	Akhil Yadav Kalla	
9	**228R1A05M7**	Kumari Kalyani	PREDICTIVE MODEL TO STUDY THE EMPLOYEE SATISFACTION
	228R1A05M8	Indraja Rani Kanukuntla	
	228R1A05R0	Kumari Simran	
	238R5A0522	Meghana Ponnam	

10	**228R1A05L4**	Ganesh Chakali	NOTES & PASSWORD MANAGER
	228R1A05M4	Karthik Irugu	
	228R1A05R5	Dilip Kumar Yaggadi	
	228R1A05M5	Rathish Jangu	
11	**228R1A05K6**	Anusha Aluri	CROP MAXIMIZING SYSTEM
	228R1A05N6	Bhargavi Laishetti	
	228R1A05Q2	Akhila Pulle	
	228R1A05P2	Kavya Meda	
12	**228R1A05N1**	**Saikiran Katike**	EARTHQUAKE PREDICTION
	228R1A05L7	Jathin Chetty	
	228R1A05P5	Ashish Nagaram	
	228R1A05P6	Vinay Varma Nampally	
13	**228R1A05N7**	**Adithya Machavaram**	DIABETES PREDICTION
	228R1A05M9	Dharaneesh Kunamalla	
	228R1A05P3	Bheemendra Srikumar Meka	
	228R1A05Q0	Mahesh Babu Pasupunuti	
14	**228R1A05L3**	Shyam Kumar Begari	EXPERT SYSTEM FOR MEDICAL DIAGNOSTICS
	228R1A05L0	Ganesh Chandra B	
	228R1A05K9	Sravan Kumar Avusunuri	
	228R1A05R4	V Lokesh Kumar	
15	**228R1A05N2**	**Durga Srikar Pranav Tadala**	AI POWERED QR CODE GENERATOR
	238R5A0525	Sola Daya Sagara Veerendra Varma	
	228R1A05K7	Dahiya Anikate	
	228R1A05Q7	Shahare Sarang	
16	**228R1A05N5**	Parmesh Kummari	TEXT TALK
	228R1A05P1	M Sai Vishnu	
	228R1A05R3	Hrushikesh Goud Talla	
	228R1A05Q1	Harsha Vardhan Pitta	
17	**228R1A05Q9**	Chandrakanth Shinde	DIAGNOSE CROP DISEASE
	228R1A05M3	Teja Vardhan Golla	
	228R1A05M6	K Rama Krishna Reddy	
	228R1A05Q8	Kumar Saurabh	
	228R1A05N8	M Sanju	

10	**228R1A05H5**	**Islam Raziul**	SPEECH TO TEXT CONVERSIONS
	228R1A05J5	**Shiva Kumar Thota**	
	228R1A05J7	**Sai Naveen Tingilkar**	
	228R1A05K2	**Madhu Chary Yadaram**	
11	**228R1A05D3**	**Krishnaveni Banothu**	HOUSE PRICE PREDICTION BY USING MACHINE LEARNING TECHNIQUES
	228R1A05G4	**Nanditha Nappari**	
	228R1A05H6	**Akhila Sabbavat**	
	228R1A05H7	**Bhavya Saiboina**	
12	**228R1A05J0**	**Shashank Shatraboina**	AI SELF DRIVING CAR GAME
	228R1A05E4	**Gnaneshwari J**	
	228R1A05F0	**Tejasvi Kataram**	
	228R1A05E2	**Keerthi Gorati**	
13	**228R1A05D9**	**Datla Gnanpreeth Reddy**	IMAGE TO SKETCH USING AI
	228R1A05G2	**Akbar Mulla**	
	228R1A05J3	**Saket Tadakapally**	
	238R5A0518	**Reethu Pabathi**	
14	**228R1A05F9**	**Emmanuel Mathangi**	SUDOKU SOLVER
	228R1A05G1	**Aravind Reddy Mogusala**	
	228R1A05G7	**Norman Roach Nigel**	
	228R1A05J6	**Nagaraju Thudigeni**	
15	**228R1A05E9**	**Sairam Kandharaboina**	
	228R1A05G9	**Nithish Kumar Parsagani**	
	228R1A05J8	**Sathish Chandra V**	
	228R1A05J9	**Ravikumar Vangari**	

YEAR&SEC: III-II &CSE-C			
			Date-14-1-2025
Batch	ROLL NO:	STUDENT NAME	Title
1	228R1A05D5	Koteswara Rao Bhupathi	DOOOLE SORT USING ARTIFICIAL INTELLIGENCE
	228R1A05G6	Mansi Navodiyula	
	228R1A05H8	Sruthi Salugu	
	238R5A0520	Uday Tejendra Reddy Pesaladinne	
2	228R1A05E1	Sruthi Edumala	ADAPT AI-SUGGESTS ADAPTABILITY
	228R1A05G5	Navaneeth Alluri	
	228R1A05G8	Vinay Palli	
	238R5A0515	Sandeep Kumar Meesala	
3	228R1A05D4	David Raj Bhupathi	AI-POWERED SMART CITY ASSISTANT BETWEEN ONLINE AND OFFLINE AI
	228R1A05H2	Vijay Sita Rama Sai Sushean Rajavarapu	
	228R1A05K3	Akash Yenuganti	
	238R5A0516	Mahendar Chowdary Nelluri	
4	228R1A05E7	Phanidhar Kalapati	AI-RESUME GENERATOR
	228R1A05E8	Kusum Kumar Kammela	
	228R1A05G3	Sushma Nagamalla	
	228R1A05K1	Upadhyay Vinod	
5	228R1A05D7	Rithvik Reddy Chappeta	CHESS GAME USING AI
	228R1A05E0	Dheeraj Seesala	
	228R1A05J4	Jashwanth Tejavath	
	238R5A0517	Hansika Nerella	
6	228R1A05D1	Anitha Annem	AI-LANGUAGE TRANSLATION WEB
	228R1A05E5	Aravind Sai Jadi	
	228R1A05E6	Chandana Sri Kola	
	228R1A05F1	Kavya Kathi	
7	228R1A05D8	Thanu Sree Darangula	AI-DESKTOP ASSISTANT THAT TALKS LIKE A HUMAN
	228R1A05J2	Soumya Gada	
	228R1A05H1	Mounika Pullagurla	
	238R5A0521	Namitha Pilli	
8	238R5A0519	Manoj Parre	AI-TRAVEL PLANNER
	228R1A05F2	Akshaya Kodam	
	228R1A05F6	Aravind Lakavath	
	228R1A05H0	Vasu Podishetti	
9	228R1A05D0	Palthi Akshaya	AI CODE GENERATOR
	228R1A05E3	Srikanth Guguloth	
	228R1A05F8	Meenakshi Mamilla	
	228R1A05H3	Kumar Rakesh	

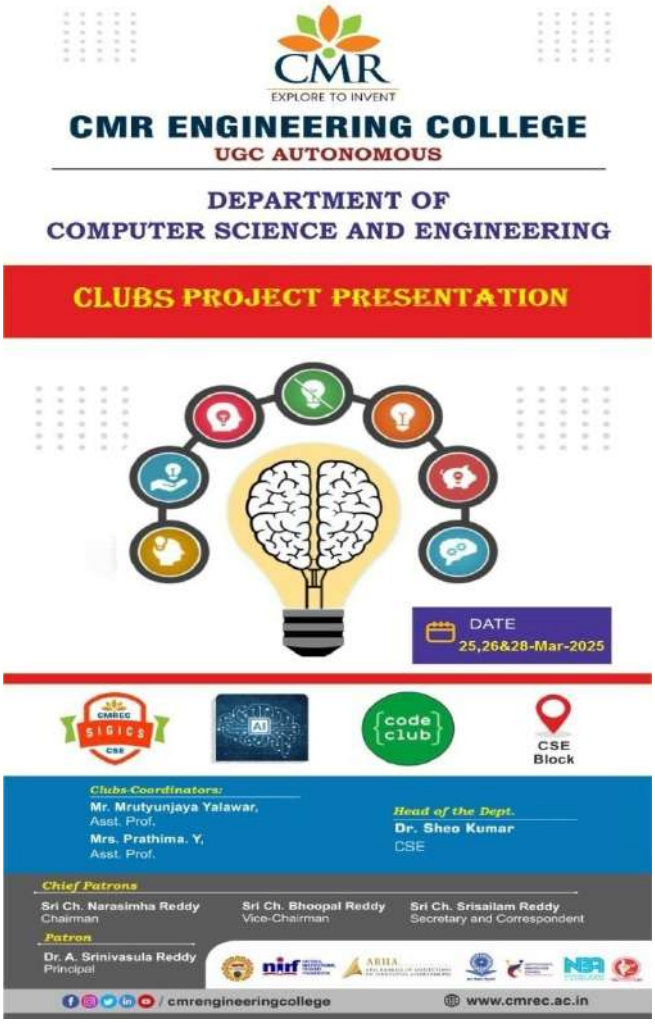
Benefits in terms of Learning:

Research Motivations, hands on experience on Artificial Intelligence, Coding based various Applications.

1. Students can improve their Skills and Ideas through their posters.
2. They have prepared the poster by representing their technical thoughts.
3. Students can develop the ability to communicate perceptively and concisely an important workplace skill.

4. The presentation will be shaped by how they are used in their discipline and by the assessment task itself

Sample Photographs (Banner)



Club Event Coordinators **CSE-HOD**