

# REPORT

## PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NBA)

1-378, A.D.B. Road, Surampalem, Near Peddapuram-533437



## Mock Interview Scheduler Project

**Date:** 20-12-2024.

**Day:** Friday.

Turing Club organised by the Dept. of CSE – AI&ML of Pragati Engineering College in Association with Career Guidance Cell is organizing a **Mock Interview Scheduler Project** As part of Industry 4.0.

**ATTENDED STUDENT LIST:**

**PRAGATI ENGINEERING COLLEGE**  
 (Autonomous)  
 B.Tech  
 Computer Science and Engineering  
 (Artificial Intelligence & Machine Learning)

EVENT NAME: Mock Interview scheduler project.

DATE: 20-12-2024

SPEAKER NAMES: H. Nagendra, Y. Mounishi, B. Swathi, T. Mahesh, M. Aditya. N. Ach

The list of students attended for this event.

S.No	Roll No.	Name of the Student	Year	Signature
1	22A31A4226	B.B.S.V. Sai Ganesh	III	B.B.S.V. Sai Ganesh.
2	22A31A4231	CH Jayaveer	III	CH Jayaveer.
3	22A31A4244	K. Ravindra	III	K. Ravindra.
4	22A31A4246	M.Narendar Karthikera	III	M.N. Karthikera
5	22A31A42F1	A. M. E. B. S. Rao	III	A. Meghanadh
6	22A31A42I6	G. B. V. Saiganga Pavan	III	G. Pavan
7	22A31A42F3	B. N. S. Ganga Babu	III	B.N.S. Ganga Babu
8	22A31A42G4	J. Naveen	III	J. Naveen
9	22A31A42H2	K. Balakrishna Krishna	III	K. Babu
10	22A31A42G7	K. Hanikanta	III	K. Hanikanta
11	22A31A42H0	K. Karunakar	III	K.K.
12	22A31A4237	J. Aswin Vinay Kumar	III	J. A.V. Kumar
13	22A31A4248	M.V. Sasi Kumar	III	Sasi Kumar

*Wair*  
Student coordinator

*[Signature]*  
Faculty Coordinator

A. Radha Krishna  
HoD-CSE(AI&ML)





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(Autonomous)  
B.Tech  
Computer Science and Engineering  
(Artificial Intelligence & Machine Learning)

EVENT NAME: Mock Interview Scheduling project.

DATE: 20-12-2024

SPEAKER NAMES: M. Nagendra, Y mouni Sri, B. Swathi, T. mahesh  
m. Aditya, N. Achibabhy.

The list of students attended for this event.

S.No	Roll No.	Name of the Student	Year	Signature
1	22A31A4208	Apollan <sup>o</sup>	III	Apollan
2	22A31A4208	J. G.B. Taruna	III	J.G.B. Taruna
3	23A35A4203	T. Hema	III	T. Hema
4	23A35A4201	B. Chethana	III	B. Chethana
5	23A35A4204	V.G.R. Manasa	III	V.G.R. Manasa
6	23A35A4202	P. Ramya	III	P. Ramya
7	23A35A4205	V. Lalitha devi	III	V. Lalitha devi
8	22A31A4209	N.K. Aishwarya	III	N.K. Aishwarya
9	22A31A4207	M. Chandrika	III	Chandrika
10	22A31A42E3	P. Lalitha Sahitya	III	P.L. Sahitya
11	22A31A42E8	R. Naga Madhav?	III	R.N. Madhav?
12	22A31A4221	U. Sowmya Sri	III	U. Sowmya Sri
13	22A31A4210	N. Sri Vaishnavi	III	N. Seth

  
Student coordinator

  
Faculty Coordinator

A. Radha Krishna  
HoD-CSE(AI&ML)

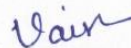


PRAGATI ENGINEERING COLLEGE  
(Autonomous)

B.Tech  
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The list of students attended for this event.

S.No	Roll No.	Name of the Student	Year	Signature
14	22A31A42E4	P. Sowmya Sri	III	P. Sowmya
15	22A31A42E7	P.S. Subha Kanthi	III	P.S. Subha Kanthi
16	22A31A4204	chinta. Sushma	III	Ch Sushma
17	22A31A4208	M. Siri	III	M. Siri
18	22A31A4210	N. Naishnavi	III	N. Vaishnavi
19	22A31A4223	Y. Mouni Sri	III	Y. Mouni Sri
20	22A31A4217	B. Swathi Sri	III	B. Swathi Sri
21	22A31A4224	Y. Anusha	III	Y. Anusha

  
Student coordinator

  
Faculty Coordinator

A. Radha Krishna  
HoD-CSE(AI&ML)

# Content discussed in the Event:

**RECRUIT SMART**

## Proposed Solution (Describe your Idea/Solution/Prototype)

### AI-Driven Web-Based Simulation Software

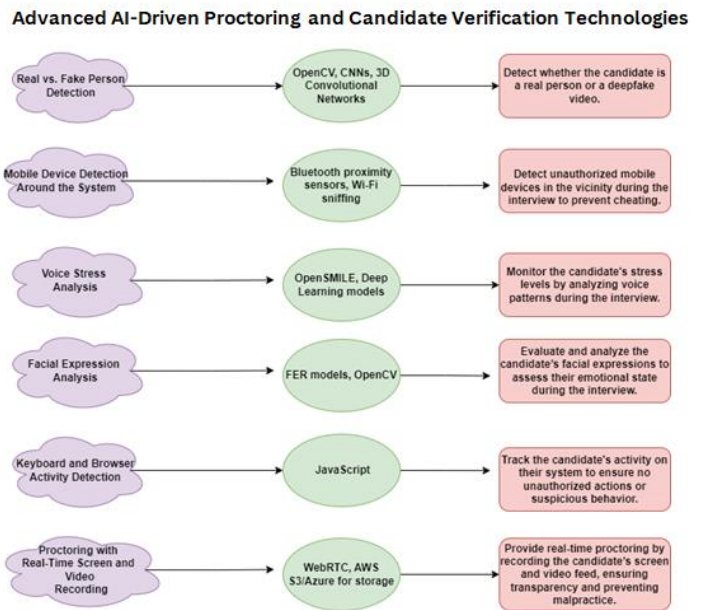
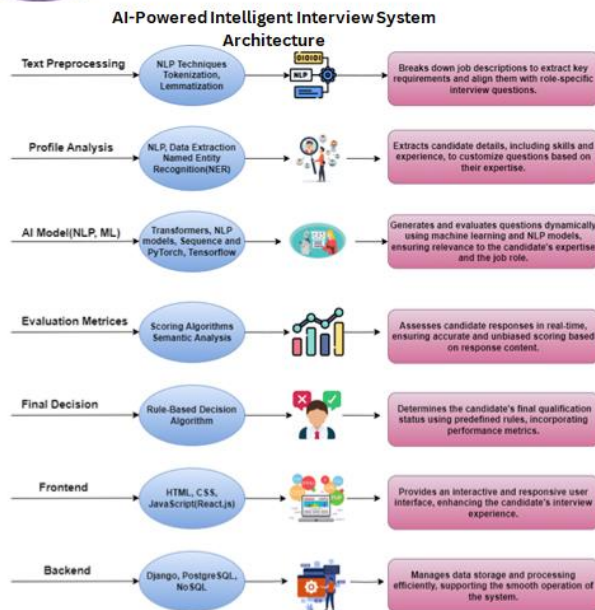
Our software provides a **boardroom-like experience** for interviews with **unbiased evaluations**. It automates the process by generating role-specific questions and analyzing responses using NLP and machine learning, delivering objective scores. The system adapts to various expertise levels and job roles, ensuring a fair and efficient process.

- **Efficiency:** Streamlines the interview process, saving time for both candidates and interviewers.
- **Fairness:** Offers unbiased, standardized evaluations, reducing human error and subjectivity.
- **Real-Time Adaptation:** Generates and evaluates questions dynamically based on candidate responses.
- **Simulated Boardroom Experience:** Creates a realistic interview setting to enhance candidate experience and maintain evaluation standards.
- **Tailored Recruitment:** Employs a data-driven, adaptive approach, distinguishing it from traditional interview methods.



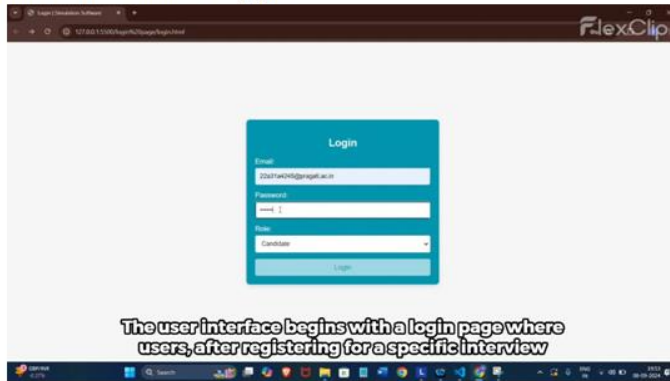
**RECRUIT SMART**

# TECHNICAL APPROACH



**RECRUIT SMART**

**Interface Prototype:-**

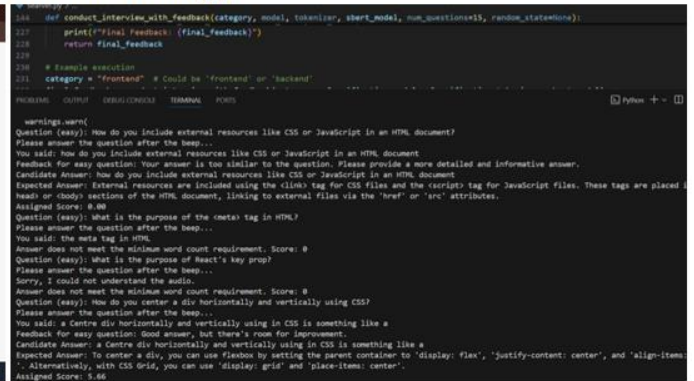


The user interface begins with a login page where users, after registering for a specific interview

Github URL:- <https://github.com/sairaghavaadiya/Emotion-Detection>

- Developed a responsive UI prototype with a login page for candidates and admins.
- Admin View: Allows managing candidate interviews.
- Candidate View: Provides profile access and scheduled interview details.
- Candidates can start interviews, answer questions via voice, and see a thank-you message upon completion

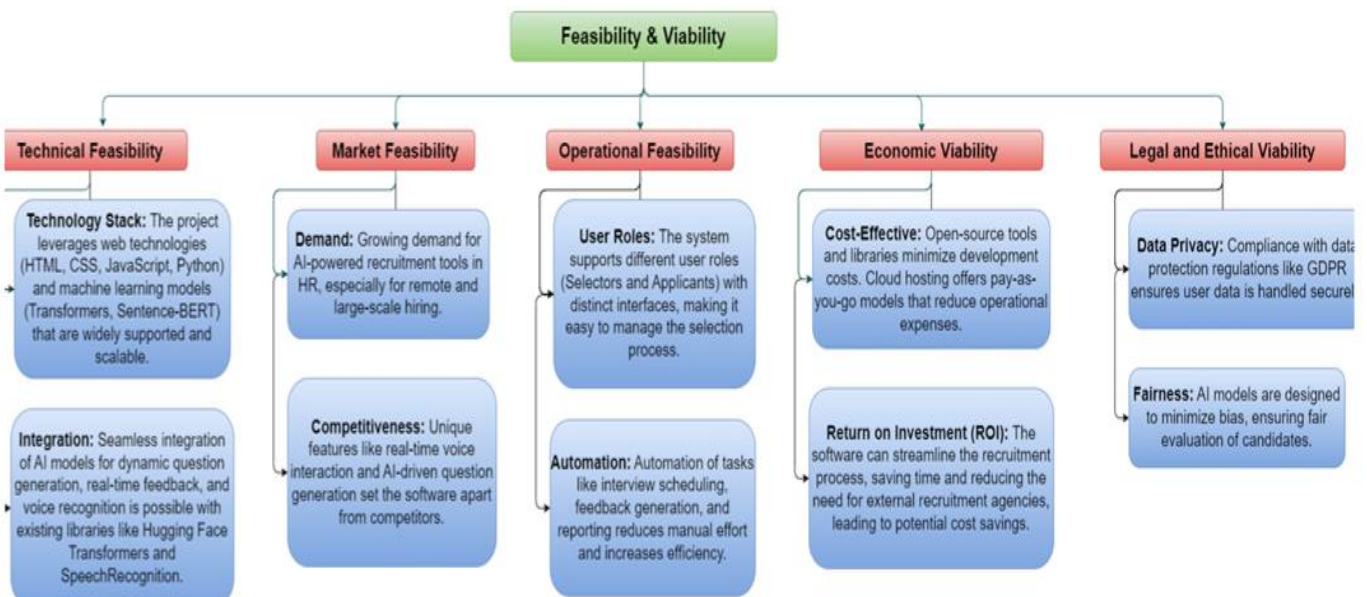
**Model Prototype:-**



Github URL:- [https://github.com/sairaghavaadiya/smart\\_interview/tree/main](https://github.com/sairaghavaadiya/smart_interview/tree/main)

- Developed a prototype with an adaptive question-generation system.
- Uses open-source models to generate questions from basic to advanced levels.
- Scoring and Feedback
- The system allocates scores based on the candidate's responses.
- Provides feedback depending on the candidate's answers.
- Supplies the expected answer if a candidate gives an irrelevant response.
- The entire interaction, including question generation and answering, is handled through voice input.

# FEASIBILITY AND VIABILITY





# IMPACT AND BENEFITS

Impact Area	Current Limitations	Proposed Enhancements
Efficiency	Manual Processes	Automated Workflows
Responsiveness	Delayed Feedback	Real-Time Feedback
Candidate Experience	Interview Logistics	Simulated Interviews
Data Protection	Security Risks	Secure Data Management

## Target Audience:

- HR Professionals and Recruiters
- Hiring Managers
- Organizations and Companies

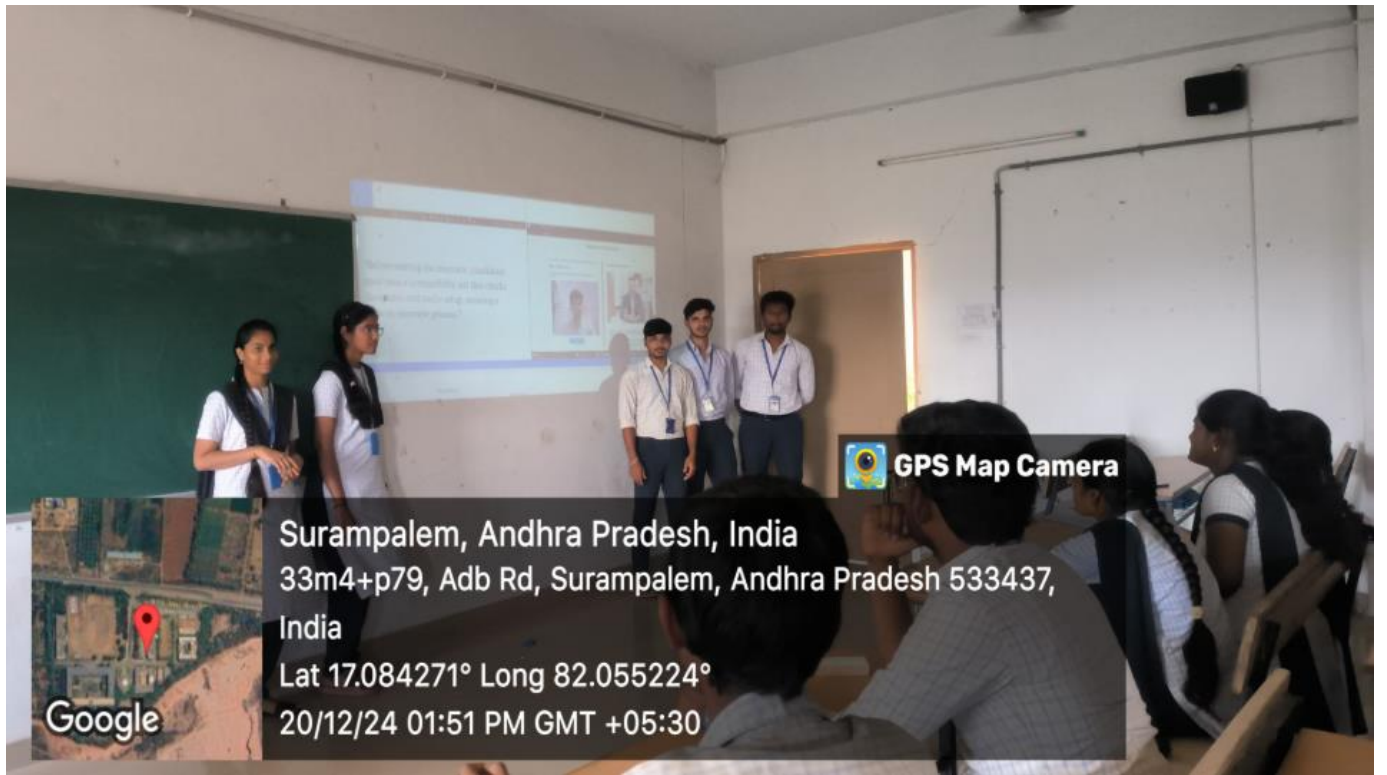
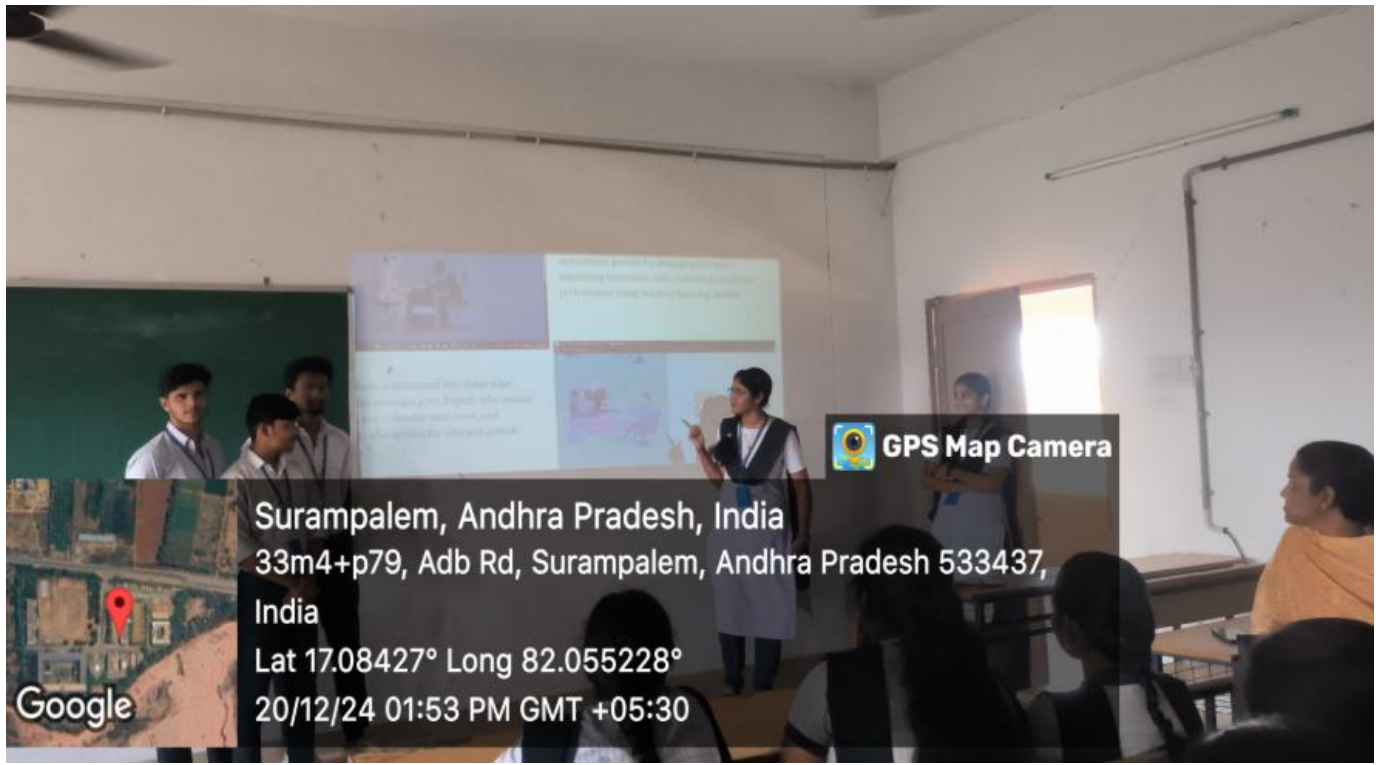
## RESEARCH AND REFERENCES:-

- Background Functionality:- [https://github.com/sairaghavaaditya/smart\\_interview/tree/main](https://github.com/sairaghavaaditya/smart_interview/tree/main)
  - LLM's:-
    - 1.GPT-Neo :[https://huggingface.co/docs/transformers/en/model\\_doc/gpt\\_neo](https://huggingface.co/docs/transformers/en/model_doc/gpt_neo)
    - 2.Sentence-BERT (SBERT) [https://www.sbert.net/docs/sentence\\_transformer/pretrained\\_models.html](https://www.sbert.net/docs/sentence_transformer/pretrained_models.html)
    - 3.RoBERTa :[https://huggingface.co/docs/transformers/en/model\\_doc/roberta](https://huggingface.co/docs/transformers/en/model_doc/roberta)
    - 4.TextBlob :<https://textblob.readthedocs.io/en/dev/>
  - DataSets:-
- Frontend role:- [https://drive.google.com/file/d/15x07u-Vqck-Kr2O80ZA8JWbF6SW4nSrL/view?usp=drive\\_link](https://drive.google.com/file/d/15x07u-Vqck-Kr2O80ZA8JWbF6SW4nSrL/view?usp=drive_link)

## PHOTOS:









Surampalem, Andhra Pradesh, India  
33m4+p79, Adb Rd, Surampalem, Andhra Pradesh 533437,  
India  
Lat 17.084268° Long 82.055225°  
20/12/24 01:51 PM GMT +05:30



Surampalem, Andhra Pradesh, India  
33m4+p79, Adb Rd, Surampalem, Andhra Pradesh 533437,  
India  
Lat 17.084273° Long 82.055232°  
20/12/24 01:52 PM GMT +05:30



## POSTER



# Pragati Engineering College (Autonomous)

(Approved by AICTE, Permanently affiliated to JNTUK, Kakinada & Accredited by NBA & NAAC with 'A' Grade)

## INDUSTRY 4.0 CLUB TURING CLUB

OF CSE AIML DEPARTMENT IN ASSOCIATION WITH CAREER GUIDANCE

ORGANIZES

# Mock Interview Scheduler Project

### Event Speakers:-



Nagendra Medidi  
22A31A4247  
CSE -AIML-A  
III year



Mouni Sri Yalla  
22A31A4223  
CSE -AIML-A  
III year



Swathi Sri Bollamreddy  
22A31A4217  
CSE -AIML-A  
III year



Mahesh Thamarapalli  
22A31A4258  
CSE -AIML-A  
III year



Sai Raghava Aditya Madabathula  
22A31A4245  
CSE -AIML-A  
III year



Nekkala Achibabu  
22A31A4251  
CSE -AIML-A  
III year

### Student Coordinators :-

N.Sri Vaishnavi (22A31A4210)

K.Livingstan Joseph (22A31A4240)

Date:- 20-12-2024

VENUE:- CS8

TIME:- 1:00 pm

Head Of The Department:-

Dr. A. Radha Krishna

Faculty Coordinator:-

Mrs.L. Yamuna



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1-378 ,ADB Road, SURAMPALEM - 533437

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DEPARTMENT OF CSE ( Artificial Intelligence & Machine Learning)

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**PEC / Admin / Circular / 2025 / Turing CLUB**

**Office of the principal**

**Date: 17-12-2024.**

All the staff, Pragati Turing club coordinators, Third year Students are informed that a seminar on “**Mock Interview Scheduler Project**” is being organized by Turing club in association with career Guidance cell. The details are given below.

Date: 20-12-2024

Time: 1:00 PM

Venue: CS-8

Faculty Co-coordinator: Mrs.L.Yamuna

Student Co-Ordinator: M. Nagendra (22A31A4247)

Y. Mouni Sri (22A31A4223)

Swathi Sri B (22A31A4217)

T Mahesh (22A31A4258)

M. Sai Raghava Aditya (22A31A4245)

N. Achibabu (22A31A4251)

**Speaker:** N. Sri Vaishnavi (22A31A4210)

K. Living Stan Joseph (22A31A4240)

**Faculty coordinator**

**HoD-CSE (AI&ML)**

Copy to:

- 1) Chairman /All Directors / Vice President for kind information.
- 2) Vice Principal/Dean T&P for information.
- 3) All HODs are requested to circulate among your staff members.
- 4) Convener-Career Guidance cell
- 5) Office File.