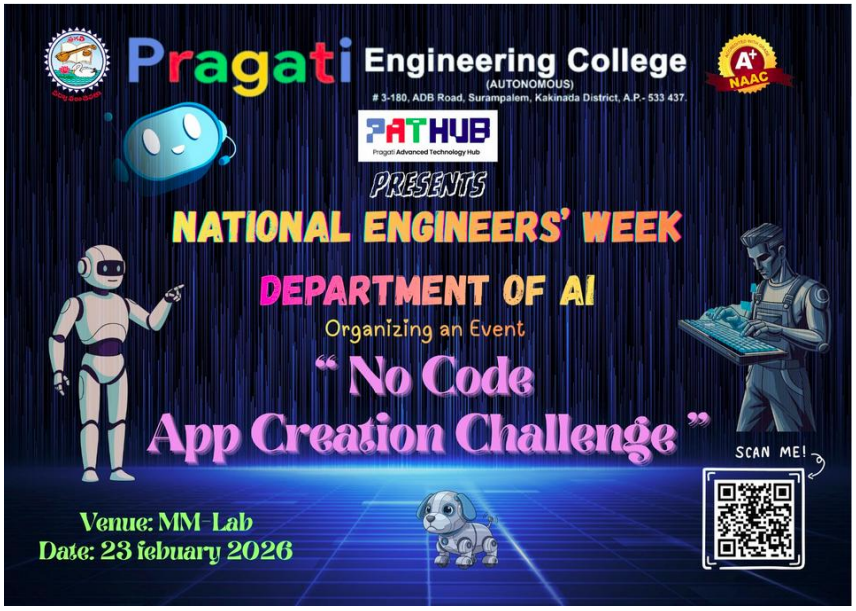
REPORT

No Code App Creation Challenge

Event Date/Day: **23-02-2026, Monday**

Metaverse Club organized by the Dept. of of CSE(AI) of Pragati Engineering College in association with Career Guidance Cell organized a competition on “No Code App Creation Challenge” as part of Industry 4.0 and on occasion of National Engineers Week from 23-2-2026 to 28-2-2026



Department of CSE(AI)

PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA)

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

Department of CSE (Artificial Intelligence)

20/2/2026
Surampalem

CIRCULAR

The Metaverse Club of CSE (AI) is pleased to organize "No Code App Creation Challenge" on 23/2/2026 during the Engineers' Week i.e., from 23/2/2026 to 28/2/2026. In this event "No Code App Creation Challenge", participants will be challenged to recreate a professional User Interface (UI)/ Functionality using only AI-generated code.

Event Details (Offline Event only)

Venues: MM-LAB & BK-LAB

Duration: 1 Hour

Format: Individual Participation (No Teams)

Certificates: One Winner and one Runner

Competition Rules & Regulations

Strictly Individual: This is a solo mission. Collaborative entries will be disqualified.
AI Integration: Participants must generate specific prompts for GPT models to solve the assigned UI task.
Visual Modeling: You will be shown a reference image/model. Your task is to formulate prompts that describe this visual so accurately that the AI generates matching code.
Implementation: You must use the model's response to develop and run the corresponding code implementation.
Judging Criteria: The winner will be determined based on the degree of similarity (layout, color, spacing, and components) between your submitted code's UI and the original reference UI.

How to Register?

By visiting this webpage: https://pragati.ac.in/engineers-week-2026/

Direct Registration Link: https://docs.google.com/forms/d/17XZsglO5_T36HhpiiX2c2L-Q2Tl6NPmiq_SITV5fepg/viewform?edit_requested=true

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Overview of the Event:

Introduction: To excel in the upcoming **Prompt-to-UI** competition at MM-LAB and BK-LAB, students are encouraged to utilize **AI Tools**. This high-performance web-based tool provides direct access to the models, which are specifically optimized for multimodal tasks—making them the perfect choice for translating visual models into functional code. AI Tools offer a distinct advantage through its **System Instructions** feature. Unlike standard chatbots, students can pre-configure the AI to "Act as a Senior Frontend Developer specializing in pixel-perfect CSS." This ensures the generated code prioritizes layout accuracy, padding, and hex-code precision—the primary judging criteria for this event.

Key Features for the Competition

- **Context Window:** AI Tools handle massive amounts of code without losing track of the initial UI description.
- **Temperature Control:** Students can lower the "Temperature" setting to 0.1 or 0.2 to ensure the AI remains highly literal and consistent with the reference model rather than being "creative."
- **Model Selection:** For complex layouts and for rapid, iterative CSS fixes during the final minutes of the hour.

Conclusion: By mastering AI Tools, participants can bridge the gap between a visual reference and a finished UI with unmatched speed. We recommend all students familiarize themselves with the AI Tools interface and experiment with "System Instructions" prior to the event to maximize their competitive edge.

List of Titles (with description of the task), randomly be allotted to student:

List of Registrations:

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

Department of CSE (Artificial Intelligence)

NAME OF THE EVENT: No Code App Creation Challenge

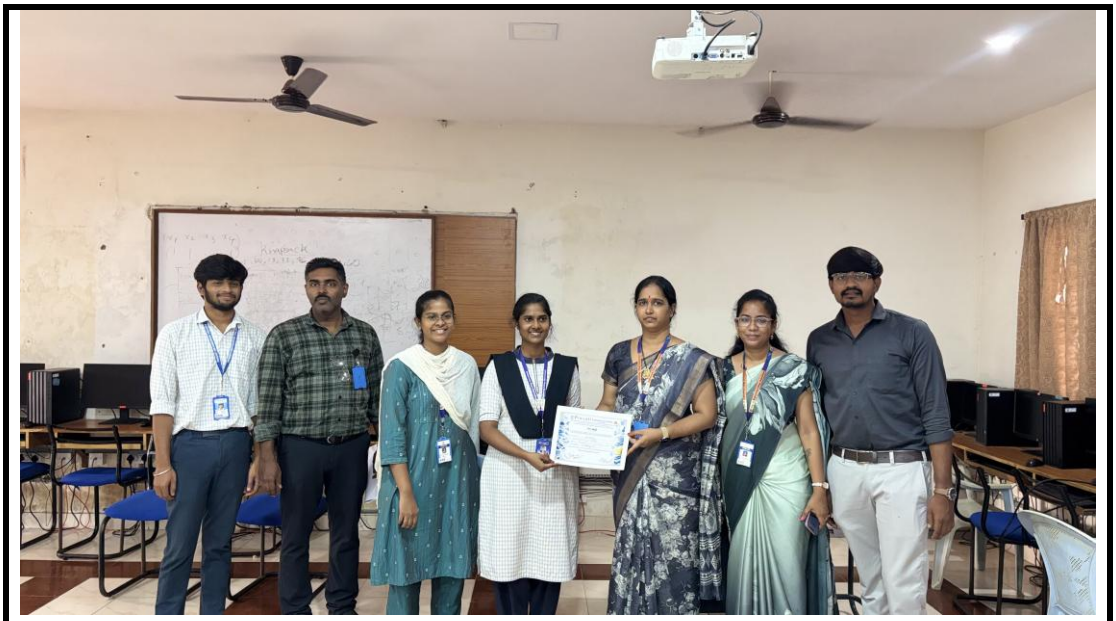
DATE: 23-02-2026

Roll No	Name	Branch	Year	Section	Signature
25A35A4316	B. Sivamani	AI – E	IInd	C	Siva mani
24A31A4367	Ch. Shyam Sundar	AI	IInd	C	Ch. Shyam
24A31A0539	Y. Jalaganika	CSE	IInd	A	Y. Jala
24A31A0522	M. Hasini	CSE	IInd	A	M Hasini
24A31A05JC	D. Kavya latha Harshini	CSE	IInd	F	D. Kavya
24A31A43F7	R. Aashritha	AI – E	IInd	C	Aashritha
23A31A43I6	M. Meghana	AI	IIIrd	A	M. Meghana
23A31A4311	J. Varalakshmi	AI	IIIrd	A	J. Varalakshmi
23A31A4301	A. Srihitha	AI	IIIrd	A	A. Srihitha
23A31A4325	S. Rishitha	AI	IIIrd	A	S. Rishitha
24A31A43D8	ch. S. varshini	AI	IInd	C	ch. S. varshini
24A31A43E6	K. Niharika	AI	IInd	C	K. Niharika
24A31A48F3	N. Asritha Mani	AI	IInd	C	Asritha
24A31A4375	G. Sreeja	AI	IInd	B	G. Sreeja
24A31A4383	M. R. Pravallika	AI	IInd	B	S Kousalya
24A31A4392	S. K. N. G. Mahalakshmi	AI	IInd	B	M. R. Pravallika
24A31A4378	K. Meghana Sahithi	AI	IInd	B	KMS
24A31A4395	Shaik Sana Azmi	AI	IInd	B	Shaik Sana Azmi
24A31A43					
24A31A43					
24A31A43B5	P.V.V. Yashwanth	AI	IInd	B	Yashwanth
24A31A43B8	P. Vijaya Prasad	AI	IInd	B	P. Vijaya Prasad

Roll No	Name	Branch	Year	Section	Signature
24A31A43B9	P. Praveen Ram Veer	CAI	2	B	P. Praveen
24A31A43B2	M. uday kiran	CAI	2	B	M. Uday
24A31A43H6	M. Venkata Pardhu	CAI	2	C	M. Venkata Pardhu
24A31A43H1	K. P. Aravind Gowd	CAI	2	C	K. P. Aravind
24A31A43J3	R. V. Manikanta	CAI	2	C	R. V. Manikanta
24A31A43C7	R. Kasi Viswanath	CAI	2	B	R. Kasi Viswanath
24A31A43H7	MD. Masthan Ahmed	CAI	2	C	Masthan
24A31A43C8	T. Sai Krishna	CAI	2	B	Sai Krishna

Event **Winner**: 23A31A43C4- Mr. R. Kasi Viswanadh

From left: Mr. Navaneeth Veer (Student Coordinator), Mr. Krishna Chaitanya (Faculty Coordinator), Ms. Joe Rebecca Teressa (Faculty Coordinator), Mr. R. Kasi Viswanadh (Winner), Mrs. K. Lakshmi Viveka (HOD-AI), Mrs. T. Tejasvi (Faculty Coordinator), Mr. M. Veerababu (Faculty Coordinator)



Event **Runner-up**: 24A31A0522 – Ms. M. Hasini

From left: Mr. Navaneeth Veer (Student Coordinator), Mr. Krishna Chaitanya (Faculty Coordinator), Ms. Joe Rebecca Teressa (Faculty Coordinator), Ms. Ms. M. Hasini (Runner-up), Mrs. K. Lakshmi Viveka (HOD-AI), Mrs. T. Tejasvi (Faculty Coordinator), Mr. M. Veerababu (Faculty Coordinator)

Organizing Committee of the Event

Administrative Check-in and Session Induction

Heuristic Evaluation of User Interface and System Efficacy

Student Organizers:

1. Mr. MAMIDI NAVANEETH VEER- 23A31A43B2
2. Mr. KALAM BALA MURALI KRISHNA- 23A31A43A5
3. Ms. PATI VEERA SURYA UMANJANI-23A31A4379
4. Mr. UDUTHA ROHIT- 23A31A43C7
5. Mr. VASAMSETTI NANI VENKATESH-24A35A4313
6. Mr. BANDARU NISHITH-23A31A4392
7. Mr. ADAPA SRIRAM-23A31A4387

Faculty Coordinator

HOD-CSE(AI)

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No Code App Creation Challenge

List of Titles (with description of the task):

1. **Smart Task Prioritizer**
   Problem Statement: Build a web app where users enter tasks with deadlines and priority levels (High, Medium, Low). The app automatically sorts and displays tasks based on urgency and priority.

Core Features:

- Add task with deadline and priority
- Sort by nearest deadline
- If deadlines match, sort by priority
- Display sorted list

2. **Pomodoro Timer Web App**
   Problem Statement: Create a simple Pomodoro timer with start, pause, and reset functionality.

Core Features:

- Countdown timer
- Work/break toggle
- Session counter
- Simple clean interface

3. **Markdown Previewer**
   Problem Statement: Build a web app where users type Markdown text and see formatted HTML preview.

Core Features:

- Textarea input
- Convert basic markdown (# heading, italic, *bold*)
- Display formatted output
- No external markdown libraries

4. **Text Statistics Analyzer**
   Problem Statement: Create a web app where users paste text and the app calculates statistics.

Core Features:

- Word count
- Character count
- Sentence count

- Estimated reading time

5. **Password Strength Checker**
   Problem Statement: Build a password strength checker that evaluates a password based on defined rules.

Core Features:

- Check length
- Check uppercase letters
- Check numbers
- Check special characters
- Return Weak / Medium / Strong rating

6. **Expense Splitter**
   Problem Statement: Develop a simple bill splitting app where users enter names and total bill amount. The app calculates how much each person owes.

Core Features:

- Enter multiple names
- Enter total amount
- Equal split calculation
- Optional uneven split logic

7. **Simple Habit Tracker**
   Problem Statement: Build a habit tracker where users add daily habits and mark them as completed.

Core Features:

- Add new habit
- Mark habit complete
- Show completion percentage
- Store data temporarily in memory

8. **Static Quiz App**
   Problem Statement: Create a multiple-choice quiz application with predefined questions and automatic score calculation.

Core Features:

- Display 5 fixed questions
- Multiple choice answers

- Score calculation
- Result display message

9. **Unit Converter**
   Problem Statement: Develop a unit converter that converts values between different units.

Core Features:

- Convert length (meters, kilometers)
- Convert weight (kg, grams)
- Convert temperature (Celsius, Fahrenheit)
- Simple mathematical logic

10. T**yping Speed Test**
    Problem Statement: Create a typing test where users type a given paragraph and the app calculates speed and accuracy.

Core Features:

- Display fixed paragraph
- Timer tracking
- Calculate words per minute (WPM)
- Calculate accuracy percentage

11. **Random Name Picker**
    Problem Statement: Build an app where users enter a list of names and the app randomly selects one winner.

Core Features:

- Input multiple names
- Random selection using built-in logic
- Display selected name

12. **Mini URL Shortener (In-Memory)**
    Problem Statement: Create a simple URL shortener that generates a short code for a long URL and redirects locally.

Core Features:

- Input long URL
- Generate random short code
- Store mapping in memory
- Redirect using short code