

Electronics & Telecommunication Engineering

Academic Year – 2025-2026	Class: S. Y. B. Tech
Semester – IV	Date : 4,7 Feb 2026
CO: 1	PO: 1, 2,9, 5, 11 PSO 2

Innovative Teaching Methods

Title of Innovation method/activity: Poster Presentation

1. **Name of Faculty:** Mr. Viraj R Sonawane.

2. **Subject:** Artificial Intelligence

3. Objective of Method:

- To introduce fundamental concepts of Artificial Intelligence (AI) and its real-world applications across various engineering domains.

4. Topic Covered through Activity:

Artificial Intelligence (AI) and its real-world applications using Smart India Hackathon Problem Statement

5. Description of method with Benefits (8 – 10 lines) :

Poster Presentation on the Artificial Intelligence Application using Smart India Hackathon problem statement help student actively explore real-world problems and challenges to acquire deeper knowledge. Students work on Presentation for tenure of over an extended period, which allows them to apply their theoretical understanding in practical scenarios.

Key Features of PBL:

- Real-world Relevance:** SIH Problem statement
- Student-Centered:** Learners take ownership of their work and decisions.
- Collaboration:** Encourages communication among peers.
- Critical Thinking and Creativity:** Students analyse, create, and innovate to solve problems.
- Assessment:** Learning is assessed through the process and final outcomes rather than just exams.

Roles and Responsibilities

- **Teacher**
 - Provide the Introduction to all the topic.
 - Aware the student about the length, Breadth, Depth of Topic
 - Provide the Study Material and appropriate guide lines at every stage
 - Remain available all the time during all stages of process.
 - Prepare assessment methodology.
- **Student**
 - Go through all the material provided on particular topic
 - Identify the SIH Statement which is aligned with core concept learned.
- **Peer Reviewer**
 - Each Poster submitted will be reviewed by randomly assigned reviewer from the same class.
 - Each Reviewer provide feedback on the assigned poster as per the given template of reviewer.
 - This help both presenter and reviewer to exchange their knowledge.

6. Assessment Tools & Rubrics:



Department of Electronics & Telecommunication Engineering
ACADEMIC YEAR: 2025–26. SEM-II **Class: S. Y. B. Tech.**
Peer Evaluation Sheet

Evaluator Name:		
Poster Title		
Roll No and Name of Student Evaluated	RN:	Name:
Date:	Day:	Time:

Tick on Appropriate Marks

Attribute	2 Marks	1 Marks	0 Marks
Problems Statement and Handout [A1]	Correct and Relevant Identification of Problem Statement with Handout detailing	Slightly Relevant or Handout is not Prepared	Marginally Relevant
Proposed Solution [A2]	Identification of correct Artificial Intelligence Domain and detailing covering 70 % of Poster	Detailing is missing or less	Wrongly addressed
Agents and Environment [A3]	Correct Identification of agents and environment parameter	Either Agent or Environment Correctly Identified	Incorrect
Poster and Presentation [A4]	Attractive, Detailed, Easy to Understand	Either Attractive or Detailed	Difficult to understand

Evaluators Reflection (Short Answers)

1. Strengths of this poster:	
2. One suggestion for improvement:	
3. What I learned from this poster:	

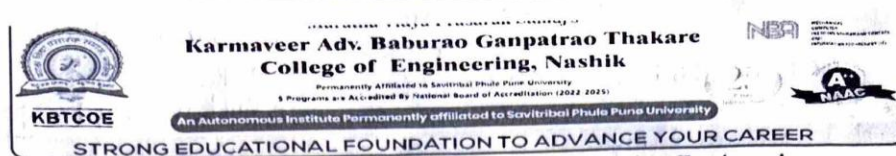
Evaluators Total Marks =

Evaluators Name, RN and Sign

Roll No and Name, Sign of
Student Evaluated

Mr. V. R. Sonawane
Course Teacher

Notice and Submission Record



Department of Electronics & Telecommunication Engineering
ACADEMIC YEAR: 2025-26. SEM-II Class: S. Y. B. Tech.

Date: 02/02/2026

Notice

All the **SECOND YEAR B. Tech** students are hereby informed that the **Poster Presentation** for the course Artificial Intelligence of academic term 2025-26, SEM-II will be conducted as per the schedule below, as a part of the **Continuous Concrete Evaluation (CCE)**.

Guidelines for the Poster

- Size A3, Digital or Manually Prepared.
- **Smart India Hackathon Problem Statement** is Mandatory.
- Use of AI and it's detailing to Solve the Problem Statement should cover at least 70 % of poster.
- **1 Page detailed explanation of poster is required.**

Important Details:

- **Date:**
 - **Submission:** - 04-02-2026 Wednesday
 - **Presentation:** - 07-02-2026, Saturday
- **Mode of Submission:** - Offline
- **Syllabus:** - Unit 1, CO 1
- **Time:** - Lecture Hour
- **Max. Marks-** 08
- **Venue:** C402

Rubrics for Assessment

Attribute	2 Marks	1 Marks	0 Marks
Problems Statement and Handout	Correct and Relevant Identification of Problem Statement with Handout detailing	Slightly Relevant or Handout is not Prepared	Marginally Relevant
Proposed Solution	Identification of correct Artificial Intelligence Domain and detailing covering 70 % of Poster	Detailing is missing or less	Wrongly addressed
Agents and Environment	Correct Identification of agents and environment parameter	Either Agent or Environment Correctly Identified	Incorrect
Poster and Presentation	Attractive, Detailed, Easy to Understand	Either Attractive or Detailed	Difficult to understand

Please note that, this evaluation under the CCE will not be conducted again for the absent student if any.

Mr. V. R. Sonawane
Course Teacher

Dr. B. N. Rajole
HOD

Department of Electronics & Telecommunication Engineering
ACADEMIC YEAR: 2025-26. SEM-II

Course: Artificial Intelligence

Class: S. Y. B. Tech.

Date: 4,7 Feb 2026

Rol l no	Name	One Page Report	Poster	Self- Evaluatio n	Peer Evaluatio n	Feedbac k	Sign
1	Aher Yash Manoj				15		Yash
2	Ahire Harshal Kailas				16		AB
3	Ahire Rinku Yogesh	✓	✓	✓	17		Phirke
4	Andhalkar Sneha Nitin	✓	✓	✓	18	✓	Andhalkar
5	Anjarkar Ashlesha Arun	✓	✓	✓	19	✓	Andhalkar
6	Apsunde Sumit Subhash	✓	✓	✓	20	✓	Andhalkar
7	Bachhav Ritesh Pravin	✓	✓	✓	21	✓	Andhalkar
8	Bari Kartik Ganesh				22		AB
9	Bhope Deepesh Umesh				23		Andhalkar
10	Bohare Vaishnavi Vijay	✓	✓	✓	24		Bohare
11	Borade Kanchan Samadhan	✓	✓	✓	25		P
12	Boraste Anushka Pradeep	✓	✓	✓	26	✓	Andhalkar
13	Chaudhari Mayur Dnyaneshwar				27		AB
14	Chinchore Ishaan Sudeep	✓	✓	✓	28		Chinchore
15	Datir Asmita Sampat	✓	✓	✓	29	✓	Amol
16	Deore Aditya Sanjay	✓	✓	✓	30		Andhalkar
17	Deore Manish Lalit	✓	✓	✓	31	✓	Andhalkar
18	Dhabale Priti Bhausaheb	✓	✓	✓	32		Andhalkar
19	Dhatrak Rutuja Popat	✓	✓	✓	33	✓	Andhalkar
20	Dhole Tushar Bharat	✓	✓	✓	34	✓	Andhalkar
21	Dhumal Ishwari Santosh	✓	✓	✓	35	✓	Andhalkar
22	Dosani Adnanmohamad Arif						AB
23	Fulmali Dhiraj Gorakhnath						AB
24	Gadhawe Janhvi Purushottam	✓	✓	✓	40		Andhalkar
25	Gaikawad Nikita Rajendra	✓	✓	✓	41	✓	Andhalkar
26	Gangode Shivanjali Sunil				42		AB
27	Gavate Shrivani Vasant				44	✓	P
28	Gholap Avinash Suresh	✓	✓	✓	45	✓	Andhalkar
29	Girase Rohit Jitendra	✓			11		Andhalkar
30	Gujar Vaibhav Jalindar						AB
31	Hembade Gayatri Ramdas	✓	✓	✓	12		Andhalkar
32	Jadhav Anushka Harish	✓			13		Andhalkar
33	Jadhav Nilesh Dattatray						AB
34	Jagtap Tanishka Vijay	✓	✓	✓	47		Andhalkar
35	Kabade Shivani Shrikrishna	✓	✓	✓	48		Kabade
36	Kadam Priyanka Jagdishkumar	✓	✓	✓	49		Kadam
37	Kedar Srushti Dattatray	✓	✓	✓	50		Andhalkar
38	Khalkar Gauri Changadev	✓	✓	✓	51	✓	Andhalkar
39	Khode Samruddhi Chandrakant	✓	✓	✓	52		Andhalkar

40	Kokate Akanksha Shahaji	✓	✓	✓	53	✓	AKK
41	Lohat Tanmay Sushant	✓	✓	✓	54	✓	LS
42	Mahakale Suraj Sunil	✓	✓	✓	55	✓	MS
43	Mandalik Soham Sandip	✓	✓	✓	56	✓	AB
44	More Devyani Dayaram	✓	✓	✓	57	✓	MD
45	More Vaishnavi Vijay	✓	✓	✓	58	✓	AB
46	Nigal Shirpad Rajendra	✓	✓	✓	59	✓	NS
47	Nikam Shantanu Santosh	✓	✓	✓	60	✓	NS
48	Otari Harshal Vishvanath	✓	✓	✓	61	✓	OT
49	Padol Shraddha Ravindra	✓	✓	✓	62	✓	PS
50	Pagar Priya Sunil	✓	✓	✓	63	✓	PS
51	Pagare Sushil Dattu	✓	✓	✓	64	✓	AB
52	Paradkar Soham	✓	✓	✓	65	✓	PS
53	Patil Aditya Rajendra	✓	✓	✓	66	✓	PS
54	Patil Sumeet M	✓	✓	✓	67	✓	PS
55	Pawar Bhoomi Sunil	✓	✓	✓	68	✓	PS
56	Pawar Krishna Ishwar	✓	✓	✓	69	✓	PS
57	Pawar Roshan Narayan	✓	✓	✓	70	✓	PS
58	Pawar Shreyasi Walmik	✓	✓	✓	71	✓	PS
59	Pingale Vedant Mukund	✓	✓	✓	72	✓	AB
60	Rahape Bhumi	✓	✓	✓	73	✓	AB
61	Sahane Vaishnavi Dnyaneshwar	✓	✓	✓	74	✓	AB
62	Satpute Yuvraj Santosh	✓	✓	✓	75	✓	AB
63	Sawant Kalyani Ganesh	✓	✓	✓	76	✓	AB
64	Shetty Aditi Devadas	✓	✓	✓	77	✓	AB
65	Shinde Prachi Pundlik	✓	✓	✓	78	✓	AB
66	Surwade Abhijit Narayan	✓	✓	✓	79	✓	AB
67	Talekar Shreya	✓	✓	✓	80	✓	AB
68	Tidake Aarti Sandip	✓	✓	✓	81	✓	AB
69	Tiwari Aditi Dhiraj	✓	✓	✓	82	✓	AB
70	Ughade Sahil Gopal	✓	✓	✓	83	✓	AB
71	Vatpal Tanish Narendra	✓	✓	✓	84	✓	AB
72	Wadettiwar Nirmal Dilip	✓	✓	✓	85	✓	AB
73	Wadghule Radhika Suresh	✓	✓	✓	86	✓	AB
74	Wagh Priyadarshini Tukaram	✓	✓	✓	87	✓	AB
75	Wagh Rajashree Vikas	✓	✓	✓	88	✓	AB
76	Wani Manasvi Dhiraj	✓	✓	✓	89	✓	AB
77	Yeole Aayush Anant	✓	✓	✓	90	✓	AB

Mr. V. R. Sonawane

Course Teacher

Cumulative Evaluation Sheet



MARATHA VIDYA PRASARAK SAMAJ'S
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering (An Autonomous Institute)



Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1542 & Approved by AICTE New Delhi Vide Letter No. : 745-88-32 (E) E1/78 AISH Code : C-41922

CCE-1

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

ACADEMIC YEAR: 2025-2026

SUB:- Artificial Intelligence

	Date : 07 / 02/ 2026			Self Evaluation				Peer Evaluation					Sign of Student
Roll no	Name	One Page	Poster	R1	R2	R3	R4	R1	R2	R3	R4	Final	
1	Aher Yash Manoj	YES	AI based for chemical eng	2	1	2	2	2	1	1	1	5.8	Yash
2	Ahire Harshal Kailas	NO										0	Harshal
3	Ahire Rinku Yogesh	YES	AI - Based Predictive Main	2	2	1	2	2	1	1	2	6.4	Rinku
4	Andhalkar Sneha Nitin	YES	AI-enabled women safety	2	2	1	2	1	2	1	1	5.8	Sneha
5	Anjarkar Ashlesha Arun	YES	AI in education	2	2	1	2	1	1	0	0	4	Ashlesha
6	Apsunde Sumit Subhash	YES	Real time public transport	2	2	2	1	2	1	1	2	6.4	Sumit
7	Bachhav Ritesh Pravin	YES	AI-Based Predictive Frame	2	2	2	1	2	2	2	1	7	Ritesh
8	Bari Kartik Ganesh	NO										0	Kartik
9	Bhope Deepesh Umesh	YES	Online Monitoring of Un	2	2	1	2	2	2	0	1	5.8	Deepesh
10	Bohare Vaishnavi Vijay	YES	Enhancing Farmer Produc	2	2	2	1	1	1	1	1	5.2	Vaishnavi
11	Borade Kanchan Samadhan	YES	AI-Based Predictive Maint	2	2	2	2	1	2	2	2	7.4	Kanchan
12	Boraste Anushka Pradeep	YES	AI BASED SMART TRAFFIC	2	2	1	2	1	1	2	2	6.4	Anushka
13	Chaudhari Mayur Dnyaneshwar	NO										0	Mayur
14	Chinchore Ishaan Sudeep	YES	AI Based Rockfall predict	2	2	2	1	2	2	2	1	7	Ishaan
15	Datir Asmita Sampat	NO	AI Based Rockfall	1	2	2	2	1	1	2	2	6.50	Asmita
16	Deore Aditya Sanjay	YES	Disaster Response Drone	2	2	2	1	2	2	2	1	7	Aditya
17	Deore Manish Lalit	YES	Smart Tourist safety and e	2	2	2	1	2	1	2	2	7	Manish
18	Dhabale Priti Bhausaheb	YES	AI based development of	2	2	1	2	2	1	0	1	5.2	Priti
19	Dhatrak Rutuja Popat	YES	AI based Smart waste ma	2	2	2	1	1	1	2	0	5.2	Rutuja
20	Dhole Tushar Bharat	YES	Lunabot-Autonomous Nav	2	1	2	1	2	1	2	2	6.6	Tushar
21	Dhumal Ishwari Santosh	YES	Intelligent Cold Storage M	2	2	1	2	2	2	1	2	7	Ishwari
22	Dosani Adnanmohamad Arif	NO										0	Adnan
23	Fulmali Dhiraj Gorakhnath	NO										0	Dhiraj
24	Gadhawe Janhvi Purushottam	YES	AI-Based Smart Waste Ma	2	1	2	2	1	1	2	1	5.8	Janhvi
25	Gaikwad Nikita Rajendra	YES	Smart waste segregation	2	2	2	1	2	1	2	1	6.4	Nikita
26	Gangode Shivanjali Sunil	NO										0	Shivanjali
27	Gavate Shrawani Vasant	YES	Heavy Metel Polution ind	1	1	1	1	1	1	1	1	4	Shrawani
28	Gholap Avinash Suresh	YES	AI driven crop disease pre	2	2	2	1	1	2	1	2	6.4	Avinash

29	Girase Rohit Jitendra	YES	Water Borne disease pre	2	2	2	1	1	2	2	1	6.4	Rohit
30	Gujar Vaibhav Jalindar	NO										0	Vaibhav
31	Hembade Gayatri Ramdas	YES	AI based crop disease det	2	2	2	1	2	2	2	2	7.6	Gayatri
32	Jadhav Anushka Harish	YES	Microplastic detection us	2	2	1	2	2	2	1	1	6.4	Anushka
33	Jadhav Nilesh Dattatray	NO										0	Nilesh
34	Jagtap Tanishka Vijay	YES	Brain cancer detection us	2	2	2	1	2	2	1	1	6.4	Tanishka
35	Kabade Shivani Shrikrishna	YES	AI based improved Onion	2	1	2	2	1	1	2	1	5.8	Shivani
36	Kadam Priyanka Jagdishkumar	YES	Smart Tourist Safety Mon	2	2	0	0	2	2	0	0	4	Priyanka
37	Kedar Srushti Dattatray	NO	Screening tool for early detection	2	2	1	0	2	2	2	1	6.4	Srushti
38	Khalkar Gauri Changadev	YES	AI-Based Student Perform	2	2	1	2	2	2	1	1	6.4	Gauri
39	Khode Samruddhi Chandrakant	YES	Intelligent disaster manag	2	2	1	2	2	2	0	1	5.8	Samruddhi
40	Kokate Akanksha Shahaji	YES	Smart digital platform for	2	2	2	1	1	1	1	2	5.8	Akanksha
41	Lohat Tanmay Sushant	YES	AI driven research engine	2	1	2	2	1	2	2	2	7	Tanmay
42	Mahakale Suraj Sunil	YES	AI Skin Analysis Dermatol	2	2	2	2	2	1	1	1	6.2	Suraj
43	Mandalik Soham Sandip	NO										0	Soham
44	More Devyani Dayaram	YES	AI Tools For Early- Stage C	2	1	2	2	2	1	2	2	7	Devyani
45	More Vaishnavi Vijay	YES	AI WASTE SEGREGATION	2	2	2	1	2	2	2	1	7	Vaishnavi
46	Nigal Shirpad Rajendra	NO										0	Shirpad
47	Nikam Shantanu Santosh	YES	Smart Tourist safety and i	2	2	2	1	2	1	2	2	7	Shantanu
48	Otari Harshal Vishvanath	YES	AI powered monitoring of	2	2	2	1	2	2	1	2	7	Harshal
49	Padol Shraddha Ravindra	YES	AI based breed recognitio	2	2	1	2	1	2	1	2	6.4	Shraddha
50	Pagar Priya Sunil	YES	Smart classroom and time	2	1	1	2	1	1	1	2	5.4	Priya
51	Pagare Sushil Dattu	NO										0	Sushil
52	Paradkar Soham	YES	AI-based UFDR (Universal	2	2	1	2	2	1	1	2	6.4	Soham
53	Patil Aditya Rajendra	YES	Use of AI in progress of co	2	2	2	1	2	2	2	1	7	Aditya
54	Patil Sumeet M	YES	DisasterVerse	2	2	2	2	2	2	2	2	8	Sumeet
55	Pawar Bhoomi Sunil	YES	AI Smart Waste Segregati	2	2	2	1	1	1	1	0	4.6	Bhoomi
56	Pawar Krishna Ishwar	YES	Development of a floating	2	2	2	1	2	1	2	2	7	Krishna
57	Pawar Roshan Narayan	YES	Swarm Engagement amor	2	2	2	1	1	2	1	2	6.4	Roshan
58	Pawar Shreyasi Walmik	YES	AI-Based Rockfall Predict	2	2	1	2	2	1	1	1	5.8	Shreyasi
59	Pingale Vedant Mukund	NO										0	Vedant
60	Rahane Bhumi	YES	AI powered student supp	2	2	2	2	2	1	2	2	7.4	Bhumi
61	Sahane Vaishnavi Dnyaneshwar	YES	AI -based UFDR (universal	2	2	1	2	2	2	2	2	7.6	Vaishnavi
62	Satpute Yuvraj Santosh	YES	Aero-Rescue	2	2	2	1	1	1	2	1	5.8	Yuvraj
63	Sawant Kalyani Ganesh	YES	Secure data wiping for Tr	2	1	2	2	2	1	2	2	7	Kalyani
64	Shetty Aditi Devadas	YES	AI based underwater imag	2	2	1	2	2	2	1	2	7	Aditi
65	Shinde Prachi Pundlik	NO										0	Prachi
66	Surwade Abhijit Narayan	NO										0	Abhijit
67	Talekar Shreya	YES	AI powered Tamper Detect	2	2	2	2	1	1	2	2	6.8	Shreya
68	Tidake Aarti Sandip	YES	One stop personalized car	1	2	2	2	1	2	2	2	7	Aarti

69	Tiwari Aditi Dhiraj	no	yes	1	1	1	1	1	1	1	1	4	4
70	Ughade Sahil Gopal	NO										0	0
71	Vatpal Tanish Narendra	YES	Waste segregation monit	2	2	2	1	2	2	2	1	7	7
72	Wadettiwar Nirmal Dilip	NO										0	0
73	Waghule Radhika Suresh	YES	AI based smart water leak	1	2	2	2	1	2	2	2	7	7
74	Wagh Priyadarshini Tukaram	YES	AI based Rockfall fall pred	2	2	2	2	2	2	2	1	7.4	7.4
75	Wagh Rajashree Vikas	YES	real time public transport	2	2	1	2	2	1	1	1	5.8	5.8
76	Wani Manasvi Dhiraj	YES	Image based breed classif	1	2	2	2	1	2	2	2	7	7
77	Yeole Aayush Anant	no	yes	1	1	1	1	1	1	1	1	4	4
78	Rathod	no										0	0

Sample Evaluation Sheet


Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik


Department of Electronics & Telecommunication Engineering
ACADEMIC YEAR: 2025-26, SEM-II

Class: S. Y. B. Tech.

Self-Evaluation Sheet

Poster Title	Online Monitoring of unauthorized construction in city.		
Roll No and Name of Student	RN: 09	Name: Deepesh Bhope	
Date: 7/2/26	Day: Wednesday	Time: 10:00 Am.	

Tick on Appropriate Marks

Attribute	2 Marks	1 Marks	0 Marks
Problems Statement and Handout [A1]	Correct and Relevant Identification of Problem Statement with Handout detailing	Slightly Relevant or Handout is not Prepared	Marginally Relevant
Proposed Solution [A2]	Identification of correct Artificial Intelligence Domain and detailing covering 70 % of Poster	Detailing is missing or less	Wrongly addressed
Agents and Environment [A3]	Correct Identification of agents and environment parameter	Either Agent or Environment Correctly Identified	Incorrect
Poster and Presentation [A4]	Attractive, Detailed, Easy to Understand	Either Attractive or Detailed	Difficult to understand

Self-Assessment total = 07, Evaluators Total Marks = 05 Final Average = 06.

1. Justification of Self Evaluation and Strengths of this poster:	Can be integrated with current situation of city. And is Implementable.
2. What Possibly can be Improved	Information of AI agent & use of AI can be justified briefly.

09 Deepesh Bhope
Roll No and Name, Sign of Student

Mr. V. R. Sonawane
Course Teacher



CCE-1
MVP Samaj's, KBT COE, NASHIK

Name:- Deepesh V Bhoje
Roll No:- 09
Course:- Artificial Intelligence
Date:-

Problem Statement:-
Online monitoring of Unauthorized construction across the city.

Problem Overview:- Unauthorized construction creates safety hazards and infrastructure overload. Existing methods depend on manual inspections and public complaints which are slow and reactive. With rapid urban growth, continuous physical monitoring is impractical. A scalable, automated and real-time monitoring system is required for early detection and action.

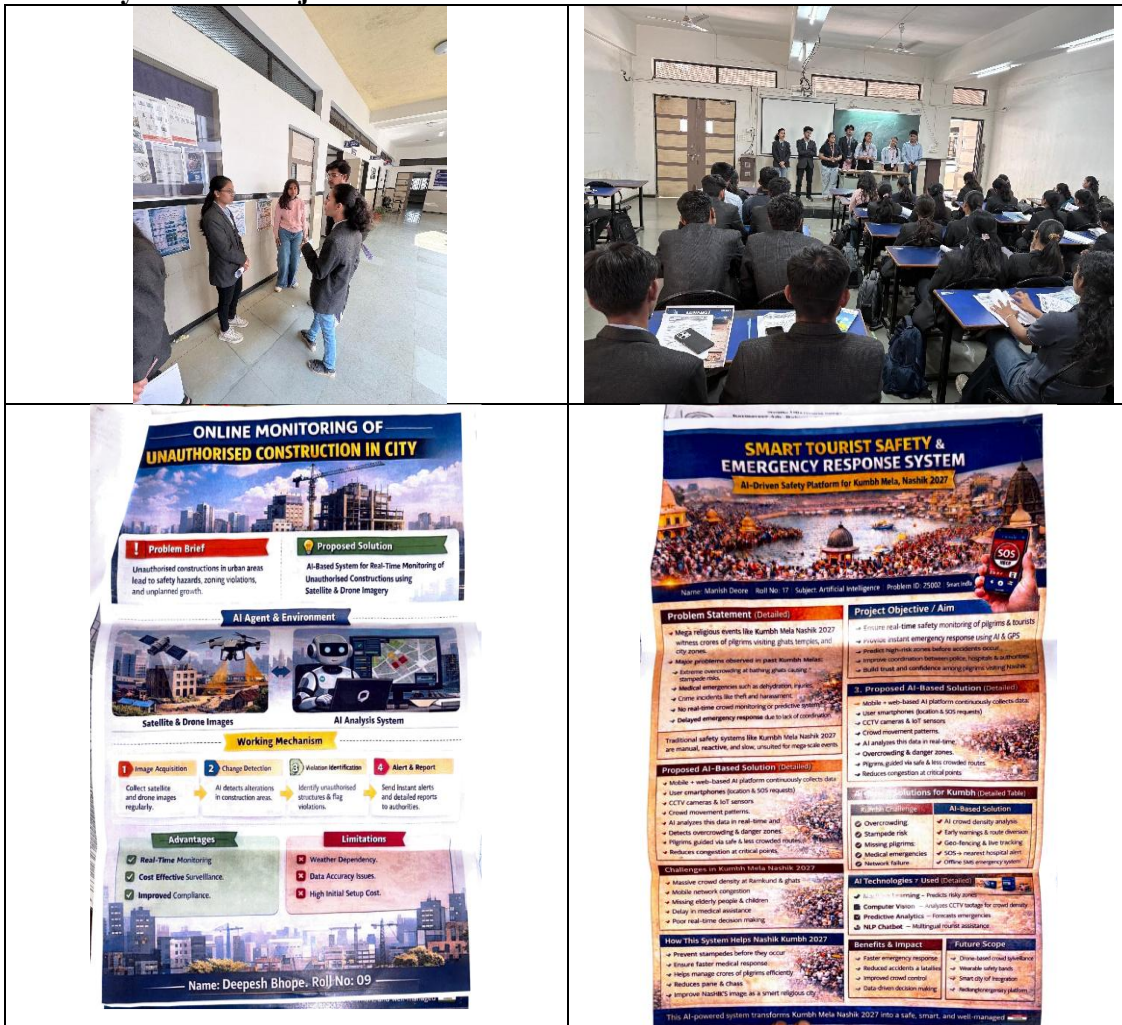
Proposed Solution:- An AI-based online monitoring system uses satellite imagery and drone footage and city feeds to detect unauthorized construction. The system compares real-time data with approved building plans and historical images. Suspected violations are automatically

"SAVE ENERGY & PROTECT ENVIRONMENT"

Impact Analysis

	4- Excellent	3- High	2- Moderate	1- Slight
Do you find Methodology Helpful	42	12	1	1
Does this helps for building a good communication	44	10	2	0
Does the content covered are relevant	39	14	3	0
Rate your ability to demonstrate AI Application	30	20	6	0
Does the review comment on one page report helpfull	42	12	1	1
Would You Like To Participate in This Poster Presentation Again	54 Yes	02 No		
Did You Like Peer Reviewed Evaluation Process	56 Yes	00 No		

9 Activity Photo / Project:



10. For review and critique contact: e-mail address of faculty and HOD

sonawane.viraj@kbtcoe.org

hod@kbtcoe.org

Mr. V. R. Sonawane
Course Teacher

Dr. B. N. Rajole
HoD