



**A Report of
State Level Project Competition
On**

Application of AI-ML

(Sponsored by WISE Club and IEEE CIS, Gujarat Chapter)

Electronics and Communication Engineering Department

Reaccredited by National Board of Accreditation, New-Delhi for 3 years, wef March 2019

Sarvajani College of Engineering and Technology, Surat

Date: 10th November, 2022

Time: 12:30 PM Onwards

Venue: AV room and 1st floor Computer Lab, ECC Department

Co-ordinators: Prof Sarosh Dastoor, Prof Chhaya Suratwala



Sarvajnik Education Society
Sarvajnik College of Engineering and Technology (SCET) ,Surat
Electronics and Communication Department
Reaccredited by National Board of Accreditation , New Delhi for 3 years w.e.f. July 2019



In association with IEEE CIS and WISE club
Organizes



State Level Project Competition on

Application of AI-ML

Rules

- Mandatory to submit PPT, VIDEO At the time of registration.
- Maximum 4 participants.
- Open for All branches.
- Maximum 10 min for Demonstration.

Registration Deadline

7th November,
2022



Competition Date, Time, Venue

10th November, 2022
12 :30 Onwards
AV room EC Dept, SCET

Prizes

- Attractive Prizes for top 3 teams
- e-certificates for participation

Coordinators

Prof. Sarosh Dastoor
Asst.Prof. EC Dept
9825897672

Prof. Chhaya Suratwala
Asst.Prof. EC Dept
9727790930

Outline of the Project Competition: Application of AI-ML

Electronics and Communication Department organised Project competition on 10th November, 2022. Various applications of Artificial Intelligence using Machine Learning algorithms were demonstrated by the different groups of participants. The event started by 12:30 PM with the demonstration of the work done from the participating teams, using power point presentation under physical mode. All projects were demonstrated with the full working before the juries.

The **main goal** of Project competition is:

- To bridge the gap between the industry and the academic.
- To orient the budding technocrats towards their placement in a company/industry through product development.
- To familiarize the students for cracking the industrial internships and placements based on interview.
- To obtain industrial resources and technical knowhow about the projects used in the real world.

Total 22 teams, demonstrated their project in the Project competition organized by Electronics and Communication Department. The complete list of projects registered for the competition has been tabulated below:

Team	Member Name	Year	Title of the Project
1	Deepak Shamsheer	3rd	Voice-Based Virtual Assistant For Windows
2	Mohit Dhabuwala	4th	Vehicle License Plate Detection
	Ankit Singh		
	Ujas Patel		
3	Muhammed Kazi	4th	Real Estate Price Prediction
	Ahmed Kazi		
	Pratik Lunia		
4	Mahek Godiwala	4th	Face Emotion Recognition
	Abhi Goyal		
	harshini Sistu		
	Sejal Sureka		
5	Krupali Surani	4th	Cotton plant Disease Detection
	Drashti Virani		
	Greeva Mavani		
	Pratik Buha		
6	Hinali Kapadiya	4th	FAKE NEWS PREDICTION
	Namrata Trivedi		

	Azalfa Shaikh		
	Sharadha Srivastava		
7	Aks Patel	4th	Movie recommender system
	Jeet Bari		
	Sanket Iyer		
	Jay Patel		
8	Vaishvi Pandya	4th	Neural Style transfer
	Jigar Adhvaryu		
	Parth Patel		
9	Hetav Raval	4th	Book Recommendation System
	Geet Bhatt		
	Priyanshi Varde		
	Dhrumil Aslaliya		
10	Vaghani shruti	4th	Object detection
	Nandini Mangukiya		
	Meet Ghantala		
	krutik kargar		
11	Chavi Kothari	4th	Fake News Classifier
	Bhumi Patel		
	Karina Agarwal		
	Drashti Patel		
12	Samhitha maddali	4th	PCB Defect Detection
	Vatsal Kheni		
	Hardik Patel		
	Disha Diyora		
13	Sakshi Derasari	4th	Real-Time Human Detection & Counting
	Brijal Randeri		
	Nisha Bagadia		
14	Rutvik Sojitra	4th	Multi-label classification of movie
	Sanket Kanani		
	Priyanshi Gadhia		
	Dixit Boghara		
15	Vastavik Soni	4th	Detection of drowsiness in drivers
16	Harsh Desai	4th	Handwritten Digit recognition using CNN
	Vatsal Patel		
	Karan Soni		
	Yash Patel		
17	Palaksha Raskapoorwala	4th	ID Card forgery prediction using AI, ML and Computer Vision
	Aarya Shah	3d	

19	Saqlain SajidParvez Shaikh	4th	Image Texture Restoration using Super Resolution Generative Adversarial Network
20	Rishi Patel	4th	Video games sales prediction model
	Yajurva Tank		
	Aniket Nihalani		
	Piyush Rathod		
21	Khushi Fatnani	4th	Real-Time Gesture Specific outcome for visual monitoring and control using Machine Learning
	Ritavi Shah		
	Muskan Jhavar		
	Abanob Bhanu		
22	Kabir Pithadia	4 th	Emotion Detection using CNN
	Druma Patel		
	Jeet Jaiswal		
	Vishwa Patel		

Expert Panel for adjudicating the Project Competition

Projects were evaluated by Prof. Niteen Patel, Dean Academics and Prof Maulin Joshi. The list of juries with their corresponding feedback has been tabulated below:

Sr No	Name	Feedback
1	Prof. Niteen Patel	Projects demonstrated are application oriented, so could be used for practical application development. Innovative ideas could be utilized for Smart city concept.
2	Prof. Maulin Joshi	Quite innovative projects. Students should be encouraged with product development and be entrepreneurs.

Various faculties of the department motivated the students and provided necessary feedback for the improvement of the performance.

Three best projects were sorted based on the analysis provided by the Jury members.

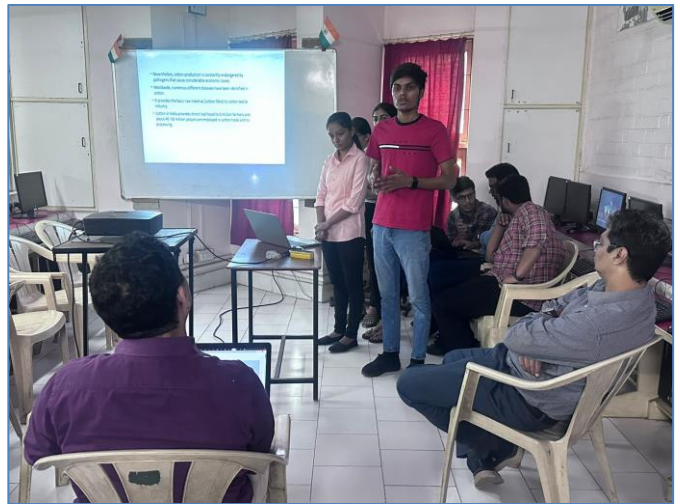
They are tabulated below.

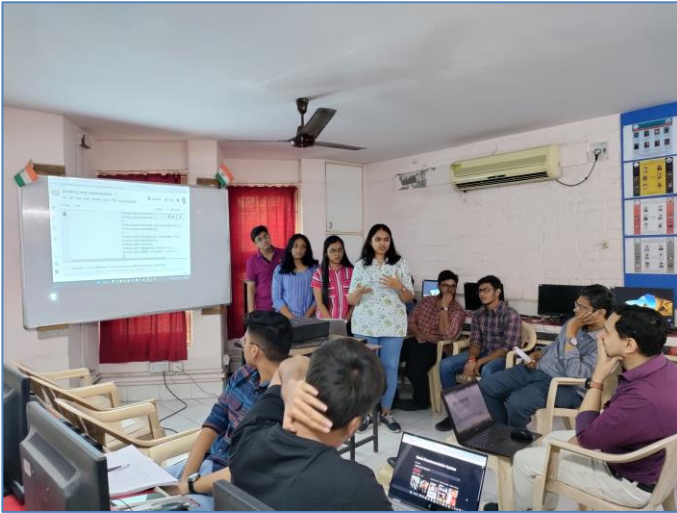
Rank	Group No	Name of students	Project Title
First	21	(1) Khushi Fatnani (2) Ritavi Shah (3) Muskan Jhavar (4) Abanob Bhanu	Real-Time Gesture Specific outcome for visual monitoring and control using Machine Learning
Second	1	Deepak Shamsheer	Voice-Based Virtual Assistant For Windows

Second	19	Saqlain SajidParvez Shaikh	Image Texture Restoration using Super Resolution Generative Adversarial Network
Third	15	Vastavik Soni	Detection of drowsiness in drivers

The competition was technically **sponsored by WISE Club and IEEE CIS, Gujarat Chapter.**

Glimpses of the Event







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CERTIFICATE



This is to certify that Mr./Ms. _____ has Secured _____ position in the State-Level Project Competition, "Application of AI-ML" on 10th November, 2022, organized by Electronics and Communication Engineering Department, Sarvajani College of Engineering and Technology, Surat, in association with IEEE Computational Intelligence Society, Gujarat Chapter and WiSE Club.

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EC Dept, SCET

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Prof. (Dr.) Nehal N Shah
Head of Department
EC Dept, SCET



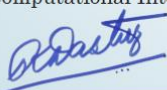
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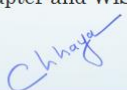


CERTIFICATE



This is to certify that Mr./Ms. _____ of _____ has participated in the State-Level Project Competition "Application of AI-ML" on 10th November, 2022, organized by Electronics and Communication Engineering Department, Sarvajani College of Engineering and Technology, Surat, in association with IEEE Computational Intelligence Society, Gujarat Chapter and WiSE Club.


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