



SARVAJANIK EDUCATION SOCIETY  
SARVAJANIK UNIVERSITY  
Sarvajani College of Engineering & Technology



SYNERGY.io

# EVENT REPORT

#MARK.1 - LIFT OFF

TRAIN YOUR  
OWN WITH MACHINE

Google's Teachable Machine

# INDEX

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<b>Sr. No.</b>	<b>Topic</b>	<b>Page No.</b>
1.	Abstract	3
2.	Introduction	4
3.	Event Details	5
4.	Event Flow	6
5.	Roles & Responsibilities	7
6.	Promotions & Reach	7
7.	Photographs	8
8.	Results & Winners (Competition)	9
9.	Outcome	9
10.	Conclusion	10
11.	Annexures	10

## 1.) ABSTRACT

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**SYNERGY.io**, the newly formed student club under the *Department of Mechanical Engineering, SCET*, conducted its first event—a hands-on workshop on **Google Teachable Machine**. The session aimed to introduce participants to the basics of Artificial Intelligence and Machine Learning in a beginner-friendly format. Attendees learned the applications and significance of AI/ML and were guided through the process of building simple machine learning models using the Teachable Machine platform. The event concluded with a **competitive segment**, where students developed their own AI models. The session was highly interactive, well-received, and effectively sparked curiosity and enthusiasm toward emerging technologies.

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## 2.) INTRODUCTION

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- **Background of SYNERGY.io**

SYNERGY.io is the first student-driven club initiated under the Department of Mechanical Engineering at Sarvajanik College of Engineering and Technology (SCET), Surat. Founded with a vision to bridge the gap between core engineering and emerging technologies, the club aims to foster innovation, technical curiosity, and interdisciplinary learning among students.

- **Objective Behind Conducting the Event**

The primary objective of conducting this workshop was to introduce students to the world of Artificial Intelligence and Machine Learning in a hands-on, practical manner. Through the use of **Google Teachable Machine**, a user-friendly, web-based platform, the event aimed to demystify AI/ML concepts and empower students—especially beginners—to build their own basic models. The goal was to create awareness, build technical confidence, and inspire participants to take their first steps into the AI/ML domain.

- **Importance or Relevance of the Event**

In today's rapidly evolving technological landscape, AI and ML are becoming integral to every engineering discipline. Mechanical engineering students, too, are increasingly expected to be aware of these advancements. By introducing a simple and approachable platform like Google Teachable Machine, the event highlighted the relevance of machine learning in a way that was accessible to all. It provided a valuable opportunity for students to blend their technical reasoning with emerging digital tools, encouraging them to think creatively and critically—skills that are vital for future engineers.

## 3.) EVENT DETAILS

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Detail	Description
Event Name	Train Your Own Machine with “Google Teachable Machine”
Date & Time	1 <sup>st</sup> April 2025, 03:00 PM – 04:15 PM
Venue	N.J Seminar Hall, Sarvajanik College of Engineering & Technology (SCET)

<b>Type of Event</b>	Competitive Hands-On Workshop
<b>Organized By</b>	SYNERGY.io – Department of Mechanical Engineering, SCET
<b>Faculty Coordinator</b>	Dr. Samip P. Shah
<b>Event Coordinators</b>	Archan Sharma (Club President   SYNERGY.io) Vedant Acharya (Club President   SYNERGY.io)
<b>Target Audience</b>	Students from all engineering disciplines
<b>Total Participants</b>	80
<b>Mode of Delivery</b>	Offline
<b>Technology/Platform Used</b>	Google Teachable Machine – A Basic Non-Coding AI/ML Model Training platform
<b>Agenda</b>	1. Introduction to AI/ML 2. Live demo on Teachable Machine 3. Individual hands-on practice 4. Competitive model building
<b>Learning Outcomes</b>	- Basic understanding of AI/ML - Practical exposure to model creation - Problem-solving and critical thinking - Application of learned concepts
<b>Documentation</b>	Photographs, registration details, Participation/Achievement Certificates and model submissions were collected for academic and archival records.

## 4.) EVENT FLOW

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**Speakers:** 1.) **ARCHAN SHARMA (Club President | SYNERGY.io)**  
2.) **VEDANT ACHARYA (Club President | SYNERGY.io)**

### ◇ 1. INTRODUCTION TO SYNERGY.IO (10 MINS)

- **Welcoming Address** – Briefly introduce the club’s vision & mission.
- **Objectives & Future Plans** – Explain how **SYNERGY.io** aims to foster innovation, technical learning, and real-world application.
- **Opportunities for Students** – Mention future events, projects, and how students can benefit by being part of the club.

### ◇ 2. HANDS-ON WORKSHOP: GOOGLE TEACHABLE MACHINE (20 MINS)

- **Introduction to AI & Machine Learning (5 mins)**
  - Explain what Machine Learning is in simple terms.

- Introduce **Google Teachable Machine** as an easy-to-use ML tool.
- **Live Demonstration (15 mins)**
  - Show how to feed in data using gestures and images.
  - Train a simple model live and test its accuracy.

### ◇ 3. COMPETITIVE CHALLENGE: BUILD & OPTIMIZE YOUR MODEL (45 MINS)

- **Competition Details (2 mins)** – Explain the challenge:
  - Participants must train a model to detect a specific set of gestures or test images.
  - The model should be highly accurate (approaching 100%) and should not misclassify gestures and test images.
- **Implementation Time (30 mins)** – Participants build and refine their models.
- **Evaluation and Results (10 mins)**
  - The most **accurate & precise model** wins.
  - **Winner Announcement & Achievement Certificates.** 🏆
- **Closing Note (05 Mins)** – Thank the faculty, participants, and organizing team.

## 5.) ROLES & RESPONSIBILITIES

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Name	Designation	Responsibility
Archan Sharma	Club President	Hosting, Software Instructor, Event Planning & Coordination
Vedant Acharya	Club President	Hosting, Marketing, Event Planning & Coordination
Khush Barot	Public Relations	Marketing, Event Coordination
Shrut Pathak	-	Volunteering

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## 6.) PROMOTIONS & REACH

- **Posters & Offline**

- **Promotion:**

Informative and visually appealing posters were displayed across key notice boards and common areas within the SCET campus. Additionally, **class-to-class announcements** were **conducted**, briefing students directly about the event's objectives and encouraging registrations.

- **Social Media Promotion:**

The event was actively promoted on **Instagram** through SYNERGY.io 's official page via **posts, countdown stories etc.**

Sarvajani College of Engineering and Technology (SCET)

**SYNERGY.io**

#MARK.1 - LIFT OFF

**TRAIN YOUR OWN MACHINE WITH MACHINE**

**Google's Teachable Machine**

**UNLEASH THE POWER OF AI!**

Join us for a 'Competitive Workshop' to train your own machine using Google's Teachable Machine! 🚀

- ✓ No coding required.
- ✓ Students have to bring their own Laptops.
- ✓ e-Certificate will be provided.
- ✓ No. of Team Members:- 2

Date and Time of the event :  
**01/04/2025**  
**3:00 p.m. - 4:15 pm**

Venue :  
**N.J Seminar Hall**

ARCHAN SHARMA (9687778944)  
VEDANT ACHARYA (9537325893)  
Student Coordinators

Dr. SAMIP P. SHAH  
Faculty Coordinator

To Register,  
Scan the QR Below !

# 7.) PHOTOGRAPHS



## 8.) RESULTS & WINNERS (Competition)

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Following are the students who were the winners for the Competition held during the event to make “A Basic AI-ML model using Gestures and Images in Google Teachable Machine:

1 <sup>st</sup> Position	2 <sup>nd</sup> Position	3 <sup>rd</sup> Position
- RAIVAT PUROHIT (ET24BTME044)	- KANVI GHOGHARI (ET24BTIT016)	- FELICSON SAVIO (ET24BTIT137)
- PRATHAM TEJANI (ET24BTME058)	- SHREYARTH THAKOR (ET24BTIT052)	- KRISH PATEL (ET24BTIT113)
	- SHIV PATEL (ET24BTIT050)	- RIDDHI TOTLA (ET24BTEC063)
	- PARTH GANDHI (ET24BTIT014)	- JIYA JAIN (ET24BTCH023)

## 9.) OUTCOMES

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The event successfully introduced participants to the fundamentals of AI/ML, enabling them to build and test their own basic models using Google Teachable Machine. Students developed practical skills, improved their problem-solving abilities, and gained confidence in exploring modern technologies.

The workshop aligned with SYNERGY.io ’s vision of promoting innovation and technical exposure beyond the curriculum. The initiative was well-received, with students appreciating the hands-on format and faculty members acknowledging the relevance and execution of the session.

## 10.) CONCLUSION

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The inaugural event by SYNERGY.io proved to be a resounding success, achieving its goal of introducing students to Artificial Intelligence and Machine Learning in an engaging and practical manner.

We sincerely acknowledge the invaluable support and guidance of our Faculty Coordinator, **Dr. Samip Shah**, our Head of Department, **Dr. Pankaj Gohil**, and our Principal, **Dr. Hiren Patel** whose encouragement played a key role in the smooth execution of the event.

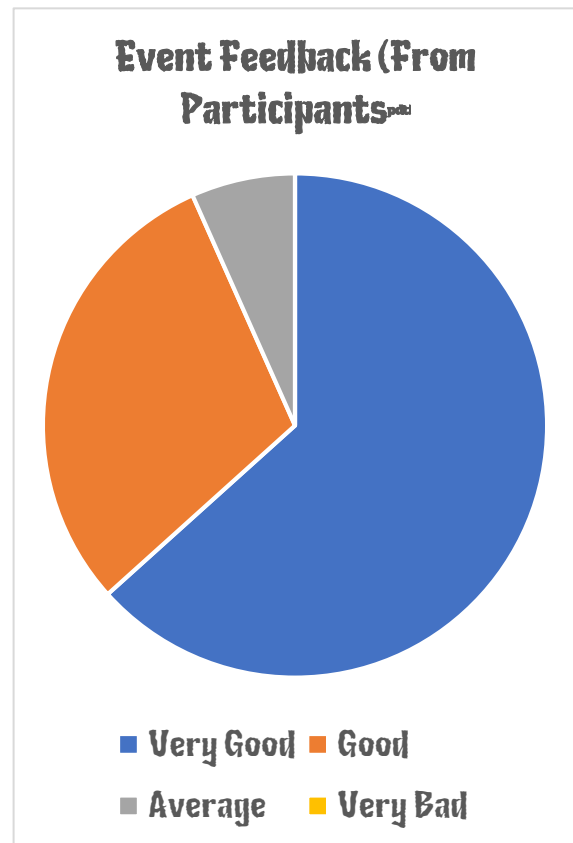
Building on this momentum, SYNERGY.io aims to conduct more such innovative and skill-enhancing events, continuing to foster a culture of creativity, learning, and technology-driven growth within the department.

## 11.) ANNEXURES



### EVENT POSTER

Used for marketing of the event.



### EVENT FEEDBACK CHART

Using Participants feedback data collected using a form.