



The Shetkari Shikshan Mandal  
**Bhivarabai Sawant College Of Engineering & Research**

Accredited by NAAC With 'A' Grade

(Approved by A.I.C.T.E. & Govt. of Maharashtra Affiliated To Savitribai Phule Pune University

West/1-3669721/2010.New dated 13 Jul 2010.)

S.No. 12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041.

Phone : 020-24608500/01 Website : www.tssm.edu.in

Email : principal@tssm.edu.in

**Prof.Dr.T.J.Sawant**  
BE(Elec.), PGDBM, Ph.D  
**PRESIDENT**

**Dr.G.A.Hinge**  
Ph.D.LMISH  
**PRINCIPAL**


**Key word 7.3: Institutional Distinctiveness**

**7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust within**

**1000 words**

Sr. No.	Particulars	Digital Page No.
1.	Report on "EV and Charging Infrastructure"	2
2.	Report on PMKVY	6
3.	Report on ACKVK	11



  
Principal,  
BSCOER,Pune.  
**PRINCIPAL**  
TSSM's Bhivarabai Sawant College  
of Engineering & Research  
Narhe, Pune - 411 041

# **Report on Training Program**

(23 January 2023 to 03 February 2023)

## **Executive Summary**

This report detailed the results and recommendation of the Two Weeks Internship program on “Electrical Vehicle and Charging Infrastructure” conducted during 23<sup>rd</sup> January to 03<sup>rd</sup> February 2023 at our institute under newly formed EV laboratory. It was participated by 37 students from third year engineering (E & Tc and Electrical). The implemented training plan garnered positive feedback from the participating students. The training gained the support of the participants for more sessions in the future.

## **The Plan**

### **Objectives**

The training plan’s objectives were:

1. Understand the latest technology trend in Electrical Vehicle by the end of the session
2. Understanding and implementation of Charger Installation Procedure
3. Awareness about Safety and understanding Safety Procedures while handling HV systems

### **Methodology**

The Quality Representatives introduced new and latest technology, and the team demonstrated how to use and install charging equipment. The following mode of training sessions conducted during the course of training :

1. Theory Sessions
2. Hands on practical Sessions
3. Guest Lectures
4. Site Visit
5. Evaluation

## Evaluation Structure

Sr. No.	Assessment type	Number of questions	Allotted Marks / Question	Total
1	Multiple Choice Questions	20	1	20
2	Fill in the blanks	05	1	05
3	Short answer questions	05	02	10
4	Long answer questions	03	05	15
<b>Total</b>				<b>50</b>

## Result Analysis

Number of Participants	Grade			Percentage		
	A	B	C	A	B	C
37	14	15	8	38	41	21

## Findings

After the conduct of the training sessions, training team assessed the participants and found out that:

1. More than 75% of the trainees got a high-average rating from the training evaluation.
2. All participant students aware about the importance and necessity of Electrical Vehicle and required charging infrastructure in forthcoming years.
3. The students are willing to participate in advance training to further enrich their knowledge of the subject.

## Conclusion

The two weeks training was completed successfully, with an 80% satisfaction rate from the students who participated. We planned on conducting the same training along with additional course contents for students from another discipline too.

## Photographs

### Inauguration of Training Program



### Laboratory and Classroom Session



### Industrial Visit





## Inauguration of Laboratory by Mr. Franz Probst, Founder Chairman, SkillSonics International



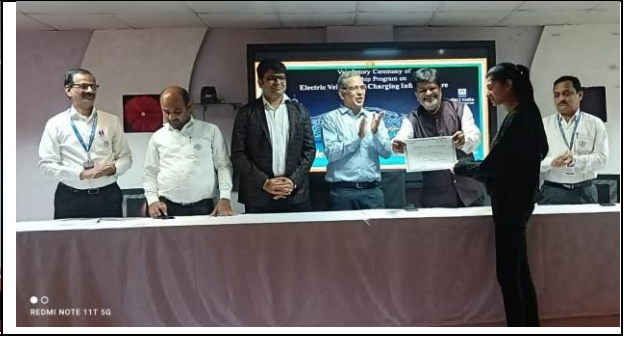
## Interaction with students by Mr. Franz Probst



## Visit to the laboratory by Hon'ble Director Prof. Bhosale and Dr. Phadkule madam



## Valedictory and certificate distribution



---

**Report on a Student Training Program (STP) on "Aptitude Skill Development" as part  
of Pradhan Mantri Kaushalya Vikas Yojana (PMKVY)  
(Academic Year 2023-24)**

---

### **Program Details:**

- ❖ **Venue:** Seminar Hall, TSSM's Bhivarabai Sawant College of Engineering and Research, Pune
- ❖ **Day and Date:** 27<sup>th</sup>-31<sup>st</sup> March 2024.
- ❖ **Time:** 9AM to 3 PM
- ❖ **Guest of Honor:** Mr. Pranav Thorat, PMKVY, Pune
- ❖ **Event Coordinator :** Prof. K. S. Kulkarni
- ❖ **Number of Attendant:** 69

### **Program Introduction**

- ❖ TSSMs BSCOER The Electronics and Telecommunications Department hosted Students Training Program (STP) on "Aptitude Skill Development" as part of **Pradhan Mantri Kaushalya Vikas Yojana Skill Training (PMKVY)**. Mr. Pranav Thorat, Adhyaay Academy and Groups, Pune, were speakers for this program. The resource persons have versatile experience in guiding the students in the areas of Aptitude training & Mathematics. Prof. K. S. Kulkarni coordinator of event, has taken the initiative to conduct this training program to nurture teaching learning process among students.



**Photo 1: Dr. G. A. Hinge, Principal introducing importance of session**



- PMKVY is an initiative by the Indian government aimed at enhancing the employability of youth through skill development. Launched in 2015, it focuses on providing quality training and certification in various sectors. The ultimate goal is to bridge the skill gap in the workforce, promote entrepreneurship, and boost economic growth. The program includes both short-term training and recognition of prior learning to cater to diverse needs.

### **Time Slot allocated for STP**

<b>Date</b>	<b>Content</b>	<b>Time</b>
Day 1 27/03/2024	Introduction about Aptitude, Mathematical logics( coding decoding, directions, Alphabets, puzzles, Images and figures ) , Practice	(9 AM to 3 PM)
Day 2 29/03/2024	Concept of Logical reasoning, Symbols and notions , Analytical skills , logic development for numbers and systems	(9 AM to 3 PM)
Day 3 30/03/2024	Quantitative Abilities, numbers , dimension's, ratios and proportions , practice	(9 AM to 3 PM)
Day 4 31/03/2024	Data interpretation , Numerical analysis word analogy, Graph interpretation , Practice	(9 AM to 1 PM)

Following major points were covered during the session.

- Introduction on importance of aptitude test.
- Conceptual aspects of quantitative abilities and logical reasoning .
- Acknowledge the recruitment process to assess the candidate potential in aptitude and align them to suitable jobs.
- Every session includes practice with solution of question bank.





**Photo 2: Mr. Pranav Thorat, while interacting with students**



**Photo 3: Mr. Pranav Thorat, while interacting with students**



**Photo 6: Students involved in solving aptitude question bank**



**Photo 6: Students interacting with Mr. Pravan Thorat**



The below are the outcomes met after completing students training program (STP) on "**Aptitude Skill Development**"

1. Students got to know about importance of aptitude test in professional career.
2. Students got enough knowledge about SWOT analysis.
3. Students are introduced to various open source platforms of aptitude and skills improvement.
4. Students have developed abilities to provide solution in the time bound.
5. This workshop is boon for the students to crack their future interviews and to become a successful professional.

### Glimpses of the guest lecture



## Report on ACKVK

**Acharya Chanakya Kaushalya Vikas Kendra (ACKVK) - skill-based education:** This program has launched on 20<sup>th</sup> September by Hon.PM Shri.Narendra Modi and our collage is now part of this mission a culture of social entrepreneurship, encouraging students and faculty to develop innovative solutions to societal challenges:

ACKVK will offer various vocational courses, training students in both technology and industry-relevant skills, ensuring that large number of youth benefit from the program in its early stages. By fostering an environment where degree-based education is complemented with skill development, ACKVK aims to bridge the gap between education and employability, empowering students with essential capabilities to succeed in the workforce.



### The program's goals include:

- Skill development: Provide skills to people so they can find employment, start businesses, or move into other enterprises
- Collaboration: Foster collaboration and knowledge sharing among members of the cooperative sector
- Resilience: Create a more resilient workforce that can meet evolving market demands

The program is expected to help build a more skilled workforce in the cooperative sector. The program's training is expected to lead to increased employability, entrepreneurship, and social cohesion.

