



A

REPORT ON

Industrial Visit

**International Automobile Centre of Excellence (iACE)**



**SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY,**

**Dr. R. K. Desai Marg, Athwalines, Surat-395001**

2021-22

<b>Date of Visit</b>	<b>07/10/2022</b>
<b>Place for Industrial Visit</b>	<b>International Automobile Centre of Excellence (IACE), Gandhinagar, Gujarat</b>
<b>Class</b>	BE. 3 <sup>rd</sup> year and 4 <sup>th</sup> Year(ECC)
<b>Time</b>	4:00 am to 11:00 pm
<b>Total no of students</b>	50
<b>Total no of Faculties</b>	1. Prof. Nehal Shah 2. Ms. Archna Shah

### **ACKNOWLEDGEMENT**

As there is no life without air, without a proper guidance there is no success. By taking the opportunity, on behalf of the entire class I would like to acknowledge and thank Prof. Dr. Nehal Shah for guiding all the students in all technical and non-technical stuff and making the entire industrial trip a grand success.

I would also like to acknowledge the team at IACE for guiding and explaining various technical stuff related to the electric vehicles in an elaborate manner.

## **AN ENTHRILLING JOURNEY TO IACE**



With all enthusiasm and precautions our journey towards the destination started at 5:00am with 40 students in the list. There were 2 stops within the course of time where the students were given time to freshen themselves up. It took up to about 7 hours to reach IACE due to traffic. At around 2:00 pm we reached the place wherein the students were received by a representative of IACE. Since it had been a tedious journey of 7 hours the students were offered tea/coffee before beginning the industrial visit.

Once the refreshments were winded up all the students were given brief information about safety standards in an industry. Thereafter all the students were taken upstairs where the role of electronics in manufacturing a car was explained. We were also shown practical demonstrations using simulators. After that we saw the different electric vehicles and learned the different technologies used in EVs and difference between EVs in different countries.



After learning about EVs we learned about the anatomy of a car and various components involved in a car in detail.

First we learned about the different types of suspension, and transmissions available in a car. After that we learned the working of an engine, and various other components of a car. Next we saw how the exterior of a car is made and the processes involved.

That concluded our industrial visit and we assembled at the auditorium for feedback of the entire experience





At about 4:00 pm our industrial visit was finished and we left IACE. After a tedious afternoon we all were hungry and had a stop for lunch. After that we were all ready and energized to enjoy our trip at the next destination Udaipur!



## List of students

Department of Electronics and Communication Engineering							
Sarvajanik College of Engineering and Technology, Surat							
Industry visit IACA International Automobile Centre of Excellence, Gandhinagar with udaipur							
Sr. No.	Name of Student	M/F	Enrollment no	Email ID	Blood Group	Student's Mobile no	Parents contact no
1	jigar adhvaryu	M	190420111001	190420111001.ec19@scet.ac.in	O-	8140664146	8320275622
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