

A. D. Patel Institute of Technology
New Vallabh Vidyanagar
Industrial Visit at
“BSTO Automotive Parts India Pvt.
Ltd., Halol, Vadodara”

Date: 08.10.2024

(Under the Banner of IIC)

- ❖ **Date:** 08.10.2024
- ❖ **Time:** 09:00 am to 04:00 pm
- ❖ **Institute:** A. D. Patel Institute of Technology
- ❖ **Industry/company/agency:** BSTO Automotive Parts India Pvt. Ltd., Halol, Vadodara.
- ❖ **Coordinator:** Prof. Samarth Shelat & Prof. Satyavrat Patel
- ❖ **Convener:** Dr. Bhagirath Prajapati

❖ **Banners (Support from professional Societies)**

Sr. No		Name of Co-coordinator/Mentor/Counselor at A.D.I.T
1	Institution's Innovation Council (IIC)	<ul style="list-style-type: none">• Dr Bhagirath Prajapati (Convener)• Prof. Khushali Patel (Co-convener)
2	Applicable cell or professional society	<ul style="list-style-type: none">•

❖ **Delegates:**

Sr. No	Name of the Speaker	Designation and Short Introduction of Speaker
1	Mr. Ashish Soni Mr. Srujal Patel Mr. Naresh Kataria Mr. Anmol Thakor	BSTO Automotive Parts India Pvt. Ltd. Halol, Vadodara.

- ❖ **No of Students Participants: 30**
- ❖ **No. of faculty Participants: 02**

❖ Objective, Outcomes and brief report of Industrial Visit:

- On 08th October, 2024 Automobile Engineering Dept., A. D. Patel Institute of Technology, New V. V. Nagar, decided to arrange One-day Industrial visit for B.Tech. And Diploma students to learn, gain practical knowledge and to make understand the fundamentals of manufacturing and fabricating of Automotive parts.
- Additionally, Industrial visit is a part of the curriculum, during which students gets to visit companies and becomes familiar regarding the working environment of a company/industries. Also, how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be explained in the lectures.
- Total No. of students present were 32 along with 2 staff members from Automobile Engineering Department. We left from our college at 9:00 am & reached by 11:00 am. Then the visit began from 11.15 am onwards.
- The students were so enthusiastic and excited for the visit as it was a totally new experience for them. The main objective behind the visit was to make students aware of how the manufacturing process of automotive parts takes place. As we reached there, as per safety formalities we examine and observe about manufacturing process. Then the whole batch of students were guided about manufacturing process that how the raw material is getting treated by different processes to achieve the final product. We also saw some CNC machines were installed for wire bending, cutting. Going further, they have huge welding area in which there we some sub-departments as per their needs like Tig welding, Mig welding, and Spot welding, etc. And for variant which they were working. There were three storages in which, first one was for the raw materials, second one was for the dyes of CNC Press Machines and third one was for the final product. Likely they had more than fifteen CNC Press Machine.
- The head of a particular department explained in detail about the process of manufacturing, running under them. That was the first time we seen the manufacturing process of automotive parts. It was a great visit for the students as we experience the environment of the company for the first time and learned about the manufacturing process of the BSTO plant

❖ **Expenditure:** 1279/-

❖ **Photographs:**





❖ List of Participants: (Attendance Sheet):



Industrial Visit at BSTO Automotive Parts Pvt. Ltd, Halol, Vadodara on
08.10.2024

Sr No	Enroll No	Name	Sign
1	42302810601007	Kirtirajsinh Mahendrasinh Chhasatiya	<i>Kirtiraj</i>
2	24 D2D AE 03	Sarvaiya Rushirajsinh P	- AB -
3	12302010601004	Prajapati Dharmik Poonambhai	- AB -
4	12302010601003	Jay.N.Sargara	<i>Jay</i>
5	24 D2D AE 08	Lad Kunal Kamleshbhai	<i>K. K. Lad</i>
6	24 D2D AE 01	Mepani Dhaval Sunilbhai	<i>Dhaval</i>
7	12302010601006	Vahora Mohammad Zaid Mohammad Irfan Bhai	<i>Zaid</i>
8	12302010601005	Mohit Rashmikant Patel	<i>Mohit Patel</i>
9	12302010601001	Harshil Shah	<i>H. B. Shah</i>
10	12302010603001	Aditya Thanki	<i>Aditya</i>
11	12302010603011	Modi Viral Mehul	<i>Viral M. Modi</i>
12	12302010603008	Patel Urmik Jayeshkumar	<i>Urmik</i>
13	12302010603006	Jariwala Nimit Dipakkumar	<i>Nimit</i>
14	12302010603010	Patel Ved Dharmeshbhai	<i>Ved</i>
15	12302010603003	Mistri Dhruv Bharatkumar	<i>Dhruv</i>
16	12302010603002	Solanki Badalkumar Umeshbhai	<i>Badalkumar</i>
17	12302010603012	Vohramohammad Zaid Anasbhai Vohra	<i>Zaid</i>
18	12302010603007	Patel Shivam Hiteshkumar	<i>Shivam</i>
19	12302010603004	Maru Kartik Sandipkumar	<i>K. S. Maru</i>
20	12302010603005	Manan Ketan Chauhan	<i>Manan</i>
21	24 CtoD AE1	Mehulbhai Dilipsinh Parmar	<i>Mehul</i>
22	42302810601010	Suthar Meetkumar Sanjaybhai	- AB -
23	42302810601009	Thakor Mahammad Arshad Asifiqbal	<i>Thakor</i>
24	42302810601004	Bhoraniya Dharmikkumar Bipinbhai	<i>Bhoraniya</i>
25	42302810601006	Vadodaria Kirtan Manishbhai	<i>Kirtan</i>
26	42302810601002	Sen Bhavin V	<i>Bhavin</i>



27	42302810601017	Patel Heer Tejas	
28	42302810601014	Soni Prem Rajkaran	<i>Heer Tejas</i>
29	42302810601008	Purohit Krisli Nimesh Kumar	<i>Prem</i>
30	42302810601011	Milap Paresh Bhai Barot	<i>K.N.K.</i>
31	42302810601012	Parekh Dharm Bhaveshbhai	<i>MP Barot</i>
32	42302810601015	Macwan Priyanshu Arvindbhai	<i>Parekh</i>
33	Faculty	Samarth J Shelat	<i>P. Macwan</i>
34	Faculty	Satyavrat P Patel	<i>S. Shelat</i>

35 202010601001 Chauhan Divyansh

Divyansh