



**GOVERNMENT POLYTECHNIC COLLEGE, VALSAD**  
**ELECTRICAL ENGINEERING DEPARTMENT**  
**INDUSTRIAL VISIT REPORT**



**Objective:**

The aim of this activity is to deliver knowledge about “Maintenance of transformers”

**Activity Details:**

The Industrial Visit was organized on 15<sup>th</sup> and 16<sup>th</sup> March 2024 for the 6<sup>th</sup> semester students of electrical engineering at Trans-Electro Gundlav-Valsad. This company deals in repair and service of power transformer and distribution transformer.

**Topic Discussed in the event:**

- Working and construction of transformer
- Different types of transformer core and winding
- Transformer winding rewinding
- Test on Transformer
- Transformer oil filtration plant

Industrial Visit was Organized and Coordinated by Mr. H. N. Lad, Mr. N. C. Kumavat and Mr. A. R. Darji Lecturer in electrical engineering. Our students got vital information about above topic. Total 59 students of 6<sup>th</sup> semester were participated in this visit.

<b>Name of Subject</b>	Electrical Installation, Commissioning & Maintenance
<b>Code</b>	4360902
<b>CO Covered</b>	CO 3: Carryout maintenance of different electrical equipments and machines.

As we know transformer is a very important equipment in any electrical system, we have taken opportunity and advantage of Trans-Electro industry which is in the vicinity of our institute. Here students have seen the procedure of maintenance of different type and size of transformers. Students have also seen transformer oil testing & purification as well as turns ratio test performed on transformers.

Day 1: 15<sup>th</sup> March 2024

Day 2: 16<sup>th</sup> March 2024



Students showed great amount of interest during the visit in Trans-Electro. Also they asked many questions to the experts/engineers for clearing their doubts regarding technical views making it bidirectional and very fruitful visit. We have thanked Trans-Electro team for providing us such a great platform.

**Attendance**  
**Day 1 attendance**

**Government Polytechnic Valsad**

Electrical engineering department

Industrial Visit at Trans Electro Gundlav Valsad

Date: 15/03/2024

Sr. No.	Enrollment No.	Name of Student	Mobile No.	Sign
1	206290309188	Patel Bhavi Subhashbhai	6354674681	B.S. Patel
2	216290309007	CHAUDHARI AMITKUMAR VIJAYBHAI	9512362705	Ami D.
3	216290309009	Patel priyakumari jayeshbhai	8799429903	Patel P.J.
4	216290309011	Ganvit Aryankumar Ashokbhai	9510016337	A. A. G.
5	216290309016	Patel Nirav Bharatbhai	9624608587	Nirav B.
6	216290309019	Ahir khushi mukeshbhai	8160267778	Khushi
7	216290309020	PATEL MANAN DIPAKBHAI	8980220671	Manan
8	216290309021	Patel Ayushiben Jayeshbhai	8980977162	Ayushiben
9	216290309022	PATIL ROHAN KAVISHWAR	8780064866	← AB →
10	216290309023	Patil valbhav dnyaneshwar	8866418639	← AB →
11	216290309025	Lad sagar dalpatbhai	9313203413	Lad
12	216290309026	Patel Mann Snehaikumar	9313056197	Mann
13	216290309028	Patel Pinalben Mukeshbhai	6352531831	Patel P.M.
14	216290309029	Patel sajnikumari jayeshbhai	9313831525	Sajni
15	216290309039	Ahir Hetvi Prakashbhai	9712620332	Hetvi
16	216290309041	Patel milan shankar bhai	9925779386	MSP
17	216290309043	Patel Raj Miteshbhai	8866113235	Raj
18	216290309046	DHRUMIN ASHISHBHAI PATEL	7069836444	Dhrumina
19	216290309047	PATEL BHUMIN ASHISHBHAI	8200790457	Bhumina
20	216290309049	Chaudhari Rajendrabhai Nanubhai	9328355071	R. Chaudhari
21	216290309050	Patel Ayushi prakashbhi	6359395061	A.P. Patel
22	216290309051	Patel shreyash Chetanbhai	9727577692	S. Patel
23	216290309052	RATHOD DIXITA BABUBHAI	9913762254	← AB →
24	216290309054	PATEL minjalkumari shashikant	7623922715	M.S.P
25	216290309056	Damankar Aniket Shaileshbhai	8758560458	Damankar
26	216290309057	Tandel Prushti Nareshbhai	9173671394	Tandel
27	216290309065	Ahir Trupal ShaileshBhai	7359611359	T.S. Ahir
28	216290309067	PATEL TRUSHANGKUMAR KISHORBHAI	7874034939	T.K. Patel
29	216290309070	PATIL KALPESH BAPU	8799629985	← AB →
30	216290309075	Varma Swapnil Narsingh	6355901030	Swapnil
31	216290309078	Patel bipasha venilal	7698608210	B.V.P
32	216290309081	Patel Rohan Thakorbhai	8141997723	Rohan
33	216290309083	Patel Harsh Dharmrai	8469263202	H.D.P
34	216290309088	Patel Trupal Jitendrabhai	6353976333	T.T. Patel
35	216290309095	Thakkar Jigori R.	9723587673	J.R.T
36	216290309109	Basot Mayankkumar B	7343626627	M.A. Basot

37 216290309003 Patel Rohan J. 9408699737

38 216290309094 Patel Jaimini K. 6351359910

R.  
J.K. Patel

Total 34

## Day 2 Attendance

### Government Polytechnic Valsad

Electrical Engineering Department

Industrial Visit at Trans Electro Gundlav Valsad

Date:16/03/2024

Sr. No.	Enrollment No.	Name of Student	Mobile No.	Sign
1	216290309088	Trupal Jitendrabhai patel	6353976313	AB
2	216290309090	Patel Diya Maheshbhai	7575824989	AB
3	216290309091	Rathod Dhruvilkumar Bipinbhai	6353069002	AB
4	216290309094	Patel Meet Sureshbhai	6353680056	AB
5	216290309095	Jigar Ranjitsinh Thakor	9723581073	AB
6	216290309096	Patel krunal anilbhai	8758146494	K.A.Purel
7	216290309098	PATEL JAIMINIKUMARI KANTILAL	6351959910	AB
8	216290309101	Patel vatsal Kishorbhai	8320194816	V.K.Patel
9	216290309105	Patel Nil Dhirubhai	7817828070	Patel N.D.
10	166290309540	MISTRY SMITKUMAR DHIRENBHAI	8128045761	Smit S. Mistry
11	196298309015	Za Vishal Kumar chandrakant	9601939577	V.C. Za
12	206090309058	Sandhu Rajveer Singh	9638334035	AB
13	206290309072	BHANUSHALI HARSH JAGDISHBHAI	9664788558	H.J.D
14	206290309073	Rathod Vinit	9998414864	AB
15	206290309100	Patel Sahil ambelal	9316543878	S.A.P
16	206290309105	Rai Shivam Lalit	9426110369	Shivam
17	206290309127	Renish Prakashbhai Barodiya	6355410256	Renish
18	206290309130	PATEL RAJAN ANILBHAI	9687350772	Rajan
19	206290309160	Patel Mihir Dhandevbhai	8155076330	M.D. Patel
20	206290309166	Patel Kush R	7984586016	K.R. Patel
21	216290309110	Patel Vivekkumar Dhirubhai	9313438931	Vivek
22	216290309116	Patel Jigar Dashrathbhai	6354143598	J.D.P
23	216290309124	Patel Ayush Shaileshbhai	9512779810	A.S.PATEL
24	226298309003	Hemant Kumar Jagdishbhai Chauhan	9726872494	H.H.
25	226298309004	DHONDE NEVIL KIRANBAHI	9824768261	N.V.D
26	226298309006	Mehta Dhruv	9726360007	D.V.M.
27	226298309007	more vivek rajeshbhai	9327545900	Vivek
28	226298309008	Rohit pal	9408693588	AB
29	226298309009	PANCHAL ANSH SHAILESHKUMAR	9510571003	A.S. Panchal
30	226298309012	Patel Jainil Prashantbhai	8141989720	J.P.P
31	226298309014	Milankumar sumanbhai patel	7435931544	M.S. Patel
32	226298309026	Rajak Vivek Rajkishor	8155995608	Vivek R.
33	226298309029	SIKLIJAR NAYAN SUNILBHAI	8758637116	S.Nayan
34	226298309013	Patel Milankumar Sachinbhai	7936081791	M.S. Patel

Total - 25

16/03/24