

# Industrial Visit Report

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**GOVERNMENT POLYTECHNIC COLLEGE, VALSAD**

**ELECTRICAL ENGINEERING DEPARTMENT**

**INDUSTRIAL VISIT REPORT**



- Organizer** : ELECTRICAL ENGINEERING DEPARTMENT,  
GOVERNMENT POLYTECHNIC COLLEGE,  
VALSAD
- Industry Visited** : Bhagdavada 66 KV Substation  
At valsad, Dist Valsad
- Officials involved from Industry** : Shri. J T Patel sir Navsari circle office
- Date** : 30/05/2024
- Total Students** : 58
- Students belongs to course** : 4<sup>TH</sup> sem, diploma in electrical engineering.
- Faculty Accompanied** : (01 M)  
Mr. M B Gavit
- Coordinator** : Mr. Harshad N Lad

# Industrial Visit Report

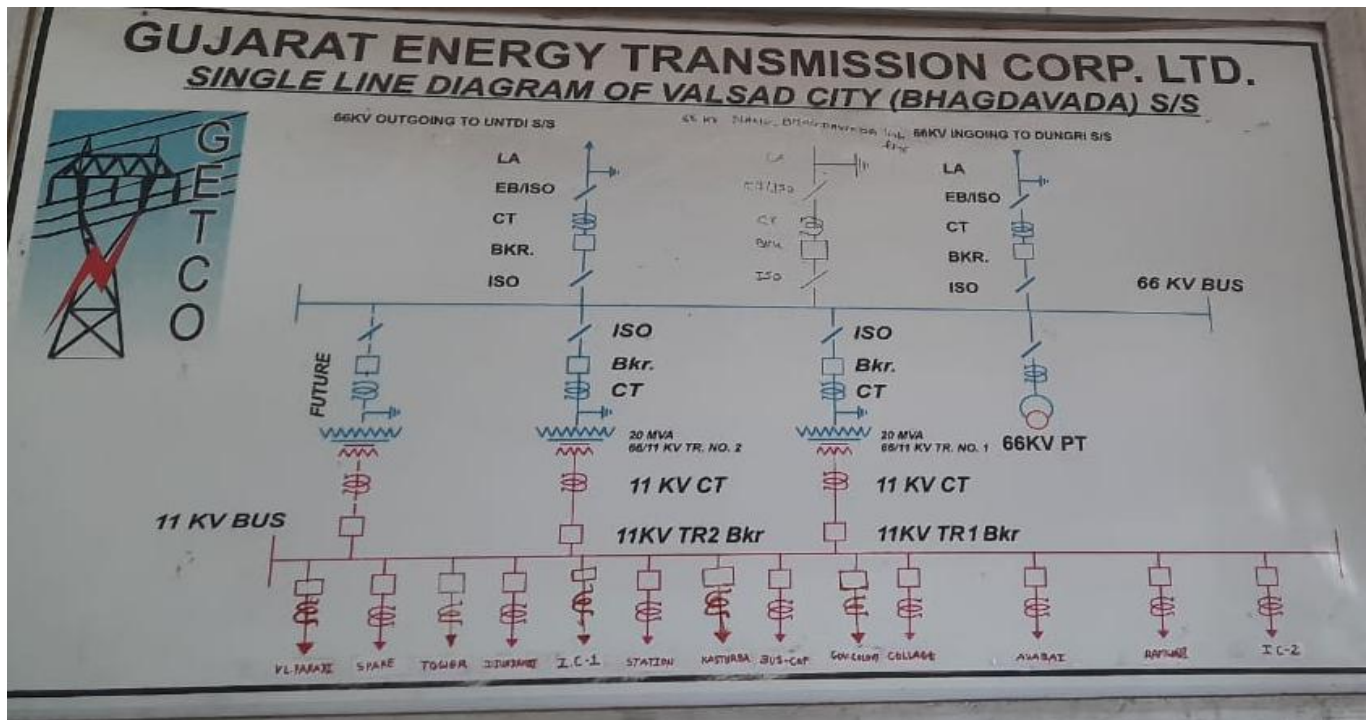
## Substation Profile – Bhagdavada 66KV Sub station (GETCO)

At :Bhagdavada Village

Ta dist: Valsad

Voltage Class : 66/11KV

Total installed capacity in MVA :20



## Objective of Industrial Visit

- 1) To interact the students with actual Substation.
- 2) To make them aware of the Substation procedures required to enter in any company.
- 3) To experience them about the importance of all Departments in the Substation.
- 4) To prepare the students for the selection of carrier path in various industry.

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## Ground report

Our Industrial visit journey was started at 9:00 am from GPV Campus and reached the Bhagdavada substation at 09:30 am. After completion of entry procedure at the Gate we enter inside the Substation, the Substation staff welcome us and guided about Substation. After this introduction about GETCO Transmission, Mr. S H Prajapati Deputy Engg., Mr. S H Prajapati and his team members has guided in detail about the bhagdavada 66KV Substation. Also aware about safety in any substation during working. Also he has explained in detail about how power is coming from generation and then converted into different voltage levels as per required. He also explained Battery room , Switch yard , Feeder Panels ,How to attend Fault , How to open breaker , operating of isolator.

Also Mr. S H Prajapati sir inspired the student about, how to choose a carrier and many other important aspects related to interview.

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Name Of the subject	Distribution and Utilization of Electrical Power
Subject Code	4340902
CO covered	<b>CO1-</b> Identify basic components of power system distribution. <b>CO2</b> _Interpret cable specifications, site selection process and layout of substations.
Practical Covered	<b>Practical no 03-</b> Interpret the Blue Print of a Sub-station.

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Industrial of Visit: Bhagdavada 66 Kv substation

# Industrial Visit Report

## GOVERNMENT POLYTECHNIC VALSAD ELECTRICAL ENGINEERING DEPARTMENT

INDUSTRIAL VISIT at 66KV Substation, Bhagdavada-Valsad

DATE: 30/05/2024

SEMESTER: 4th

SR NO.	ENROLLMENT NO.	NAME	CONTACT NO.	SIGN
1	226290309029	Desai Harshul. V.	9624106466	<u>H.V. Desai</u>
2	226290309056	Mihir V Morekar	9327263152	<u>M.V. Morekar</u>
3	226290309054	Maurya. Mitesh.	7490812369	<u>N.R. Maurya</u>
4	22629030140	Patel Swet M.	7862965373	<u>Swet</u>
5	226290309127	Ashish T. Singh	7016156347	<u>A. Singh</u>
6	226290304107	Keyur. R. Patel	7016074347	<u>K.R. Patel</u>
7	23629030902	<del>Pratik B Chauhan</del>	<del>670049558</del>	<del>M. B.</del>
8	236290309027	Dip Kumar A. Patel	9409998975	<u>Dip</u>
9	236290309020	Kiran A. Patel	7662838531	<u>K.P.</u>
10	226290309026	Vaibhav. A. Lad	9525822842	<u>V. A. Lad</u>
11	226290309114	Viral S. Patel	2861893728	<u>V.S. Patel</u>
12	226290309035	Jai. S. Patel	9082313599	<u>Jai</u>
13	226290309139	Shreyas. K. Patel	6353496615	<u>S.K. Patel</u>
14	22629030902	Jemish. J. Patel	8141796625	<u>J. J. Patel</u>
15	226290309179	Keyur. S. Sodha	685107101	<u>K.S. Sodha</u>
16	226290309150	Vrajesh. S. Patel	9265204620	<u>V.S. Patel</u>
17	226290309007	Aneel A. Patel	8347320275	<u>A.A. Patel</u>
18	226290309009	Kishu D. Patel	9099328805	<u>K.D. Patel</u>
19	226290309116	Twinkal. H. Patel	9512043596	<u>T.H. Patel</u>
20	226290309164	Tarun. H. Ranjani	9602093868	<u>T.H.R.</u>
21	226290309180	Arjun. D. Surati	9601845182	<u>A.D. Surati</u>
22	226290309176	Dhruvurshu Rathod	6352629534	<u>D.B. Rathod</u>
23	226290309178	Kaishnu Singh	9131373100	<u>K. Singh</u>

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## GOVERNMENT POLYTECHNIC VALSAD ELECTRICAL ENGINEERING DEPARTMENT

INDUSTRIAL VISIT at

DATE:

SEMESTER:

SR NO.	ENROLLMENT NO.	NAME	CONTACT NO.	SIGN
24	236298309026	Sujal P. Mistry	9173800106	Sujal
25	236298309025	Deep. V. Patel	9106155528	Deep.
26	236298309031	Krish. M. Patel	6351691782	K. Patel
27	236298309040	Kaivan. P. Huruti	0904093608	Kaivan
28	236298309054	Tarushita Sumita A.	686133770	Tarushita
29	236298309035	Prathem. D. Patel	9727520388	P. D. Patel
30	236298309011	Krushnik A. Patil	8128749377	Krushnik
31	236298309037	Patel Shreyash J.	7016598210	S. H. Patel
32	236298309034	Patel Parthiv H.	9723930782	Parthiv
33	236298309029	Patel Kabay. M.	9031628029	Kabay
34	236298309026	Patel Heer. D.	9408766393	H. D. P.
35	236298309049	Om R. Rathod	9996340992	O. R. R.
36	226290309197	Tandel Muntlik. K.	9714905910	M. K. Tandel
37	226290309159	Patil Genesh. B.	8160721655	G. B. Patil
38	226290309183	Tandel Arjun. S.	8780446188	A. S. Tandel
39	226290309206	Tandel Suchim P.	7016983666	Suchim
40	226290309199	Tandel Manik. A.	92011654824	M. A. Tandel
41	226290309188	Tandel Dip. G.	9510869969	D. G. Tandel
42	226290309203	Tandel Ravin. D.	9316361792	R. D. Tandel
43	226290309194	Tandel Ravy. D.	9574419474	K. D. Tandel
44	226290309182	Tandel Krishna M.	9157675055	K. M. Tandel
45	226290309167	Rahul Rajendrakut	7800191087	Rahul
46	226290309186	Tandel Dewany P.	6046050468	D. P. Tandel
47	226290309088	Patel Divyansh V.	9327974534	D. V. Patel



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## GOVERNMENT POLYTECHNIC VALSAD ELECTRICAL ENGINEERING DEPARTMENT

INDUSTRIAL VISIT at

DATE:

SEMESTER:

SR NO.	ENROLLMENT NO.	NAME	CONTACT NO.	SIGN
48	226290309019	Desai Harshil V.	9624106466	H. Desai
49	226290309020	Patel Itiya. B.	8320447408	I. B. Patel
50	226290309112	Patel Koutika. S.	9725931638	K. S. Patel
51	226290309061	Patel Zeel. R.	8153995233	Z. R. Patel
52	226290309008	Patel Khushi. R.	9824647006	K. R. Patel
53	226290309077	Patel Dax. S.	9023537732	D. S. P
54	226290309136	Patel Shiv. N.	8320629956	S. N. Patel
55	226290309142	Patel Taksh. S.	777808142	T. S. Patel
56	226290309137	Patel Shiv. P.	7575884543	S. P. Patel
57	226290309020	Deshmukh Priyanshu. N.	8980061787	P. Deshmukh
58	22629030927	Patel Pratik. Kumar. J.	7046999978	P. J. Patel

Total - 58 student  
+ 1 Faculty

20/05/2024  
(M. B. Gavit)

Subject Coordinator

Head of department