



**Shankersinh Vaghela Bapu Institute of Technology**

(Affiliated to Gujarat Technological University, Approved by AICTE,  
[www.bapugkv.ac.in](http://www.bapugkv.ac.in))

(Gandhinagar--Mansa Road, PO.Vasan, Gandhinagar, District, Gujarat, Pin. 382650)

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**A Report**  
**on**  
**Industrial Visit**  
**at**  
**“1 MW Solar Power Plant,  
PDPU, Raysan, Gandhinagar”**  
**on**  
**22<sup>th</sup> April 2022**

**Organized By**  
**Electrical Engineering Department**

<b>Sr. No.</b>	<b>Content</b>	<b>Description</b>
<b>1</b>	<b>Title</b>	<b>1 MW Solar Power Plant</b>
<b>2</b>	<b>Date</b>	22 <sup>th</sup> April 2022
<b>3</b>	<b>Place</b>	PDPU Raisan Village, PDPU, Gandhinagar, Gujarat 382007 India.
<b>4</b>	<b>Expert Details</b>	Mr. Hasmukh Khatri <a href="mailto:Hasmukh.khatri@sse.pdpu.ac.in">Hasmukh.khatri@sse.pdpu.ac.in</a> (M) 9979617777 PDPU, Gandhinagar.
<b>5</b>	<b>Introduction and Objective</b>	Solar Power Plant Set up near the campus of Pandit Deendayal Petroleum University, the 1 MW solar power plant was designed and constructed by global solar energy service provider Sun Edison. It was inaugurated on 22 January, 2011 by then Chief Minister Narendra Modi. The ground-mount photo-voltaic (PV) power plant is the first of its kind in Gujarat. The plant, owned by Gujarat Power Corporation Ltd (state's nodal agency for augmenting power generating capacity through private sector participation), produced more than 1.5 million kilowatt hours (kWh) of clean solar energy over the first year of its operation. The plant generates around 15 lakh units of power per year, enough to light 1,500 houses and reduces carbon emission by 1,500 tonnes. The ground-mount photo-voltaic (PV) power plant is the first of its kind in Gujarat. The plant, owned by Gujarat Power Corporation Ltd (state's nodal agency for augmenting power generating capacity through private sector participation), produced more than 1.5 million kilowatt hours (kWh) of clean solar energy over the first year of its operation. The plant generates around 15 lakh units of power per year, enough to light 1,500 houses and reduces carbon emission by 1,500 tonnes.
<b>6</b>	<b>Work Plan</b>	The industrial visit time was 1:45 Pm to 03:30 noon.
<b>7</b>	<b>No. of Students and Faculty Members</b>	Total 25 students and 2 faculty members have visited the industry.
<b>8</b>	<b>Faculty Organizer</b>	Prof. Kinal Patel
<b>9</b>	<b>Faculty Coordinator</b>	(1) Prof. Chetana Mishra (2) Prof. Jaydeepsinh Chauhan

# Photo Gallery





## Registration Sheet

Sr. No.	Enrollment Number	Students Name	Course	Semester
1	199650309509	Chauhan Gautam	Diploma	6th
2	199650309502	Bhatt Heer	Diploma	6th
3	190750109004	Harsh patel	UG	6th
4	210750109505	Mandeepsinh jadav	UG	4th
5	210750109506	Parth Prajapati	UG	4th
6	199650309535	Velji shingrakhiya	Diploma	6th
7	200750109505	Umang patel	UG	6th
8	210750109504	Sindha vinit	UG	4th
9	210750109508	Jignesh Kumar Amrutji Thakor	UG	4th
10	200750109001	Prajapati shivangkumar ghanshyambhai	UG	4th
11	200750109501	SMIT PATEL	UG	6th
12	200750109004	Patel virenkumar sanjaykuma	UG	4th
13	199650309530	Roshiya Sanjay H.	Diploma	6th
14	209650309003	Shingrakhiya trupti ranabhai	Diploma	4th
15	199650309524	Yash patel	Diploma	6th
16	190750109003	Patel Bhautikkumar Dineshbhai	UG	6th
17	209650309001	Dasharath. B. Parmar	Diploma	4th
18	199650309531	Ashabhai sadiya	Diploma	6th
19	210750109506	PARTH PRAJAPATI	UG	4th
20	190753109004	SATHAVARA JAYDIPKUMAR MAHESHBHAI	UG	6th
21	190750109001	Kanojiya sagar	UG	6th
22	199650309506	Chanpa Navghan	Diploma	6th
23	200750109503	Shubham Goswami	UG	6th
24	210750109502	Solanki Vanshita Nareshkumar	UG	4th
25	210750707002	Dama Deepikaben Savjibhai	PG	2nd

## Feedback

### Feedback

Sr. No.	Course	Students Name	Enrollment No.	Semester	The visit was well organized.	The location selected was appropriate to meet the stated objectives	The visit was useful to strengthen knowledge gathered in lectures	Aims and objectives of the visit was explained at the beginning	The Resource Person discussed subject matter during the visit
1	Diploma	Yash	209650309004	4	4	4	4	3	4
2	Diploma	Patel ved yogeshkumar	209650309009	4	4	4	4	3	4
3	Diploma electric	Shingrakhya trupti ranabhai	209650309003	4	3	4	5	2	3
4	B.E Electrical Engineering	Parth Prajapati	210750109506	4	5	5	5	5	5
5	ME Electrical Engineering	Dama Deepikaben Savjibhai	210750707002	2	5	5	5	5	5
6	Diploma	Deloliya yash jitubhai	209650309010	4	5	5	5	5	5
7	Bachelor in Engineering	Vivek Kumar Singh	200750109002	4	5	5	5	5	5
8	Diploma electrical engineering	Heer bhatt	199650309502	6	4	5	5	5	5
9	Electrical	Himanshukumar Dineshbhai Parmar	200750109504	6	5	4	4	5	4
10	Pg	Patel virenkumar sanjaykuma	200750109004	4	5	5	5	5	5
11	ElAectrical engineering	Patel Bhautikkumar Dineshbhai	190750109003	6	2	2	2	1	2
12	Electrical engineering	HARSH PATEL	190750109004	6	4	5	5	5	5