

A  
Report  
on

**Industrial Visit**

At

**Goldi Solar Pvt. Ltd., Surat, Gujarat**

Organized By

**DEPARTMENT OF ELECTRICAL ENGINEERING**

**GOLDI™**  
*Renewed life*



छोटुभाई गोपालभाई पटेल प्रौद्योगिकी संस्थान, वारडोली  
Chhotubhai Gopalbhai Patel Institute of Technology, Bardoli

## **About Company:**

GOLDI is one of the fastest growing solar PV module manufacturing companies and recognized as a star export house by the government of India.

Quality is the only business plan at GOLDI quality powers success. Solar panels that combine maximum efficiency and optimized temperature control to allow top performance under extreme conditions of sunlight.

## **GOLDI's Growth Story:**

With the humble beginning of 10-Megawatt production in 2011, GOLDI is now a respected solar PV module manufacturer globally, at the heart of the GOLDI's success is its manufacturing excellence – A winning combination of technology and people.

GOLDI plans to foray into solar cell manufacturing at its new unit coming up in Gujarat. This new unit will eventually have 1 Gigawatt of module production capacity.

## **Mission of GOLDI:**

To be a responsible business entity which subscribes to the philosophy that time is circular, that our actions today will have positive impact tomorrow.

## **PRODUCTS:**

### **1. Mono Modules**

1.1. Goldi 72 GN1 MONO PERC

Up to 380 wp

1.2. GOLDI 66 GN1 MONO PERC

Up tp 335 wp

1.3. GOLDI 60 GN1 MONO PERC

Up tp 310 wp

### **2. Ply Modules**

2.1. Goldi 72 GN Poly

Up to 335 wp

2.2. Goldi 66 GN Poly

Up to 310 wp

2.3. Goldi 60 GN Poly

Up to 380 wp

### **3. Cut Cell Modules**

3.1. Goldi Duo Apex 144 GN

Up to 340 wp

3.2. Goldi Duo Apex 120 GN

Up to 280 wp

3.3. Goldi 36 GN

Up tp 130 wp

3.4. Goldi 32 GN

Up tp 100 wp

### **4. Special Modules**

4.1. Dual glass module

## **Testing Facilities:**

1. Salt mist test
2. Sand & dust test
3. Calibration
4. Transportation test
5. PID test
6. Ammonia test
7. Standard power rating test
8. Design & safety test

## **All Products Common Features:**

- a. Positive power output guaranteed
- b. High grade raw materials
- c. Loss minimization due to excellent temperature co- efficient
- d. BOS cost reduction and higher specific yield
- e. Higher yield
- f. IECCE Standard
- g. UL
- h. Bis standard

## **Product Applications:**

1. Street light systems
2. Home lighting systems
3. Solar agricultural pumping systems
4. Residential rooftop systems
5. Utility scale solar systems
6. Commercial / Industrial systems
7. BIPV (building intergraded PV)

### Details of Visit:

Department of Electrical Engineering organized the visit to GOLDI SOLAR Pvt. Ltd, Pipodara , Surat for the student of B. Tech 3<sup>rd</sup> and 4<sup>th</sup> year student on 24<sup>th</sup> December 2019 whose details are given as below.

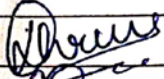
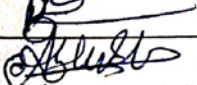
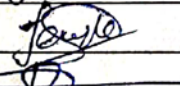
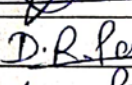
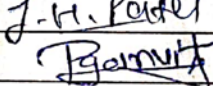
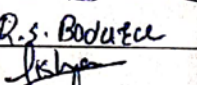
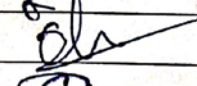
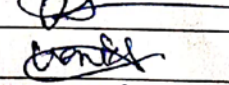
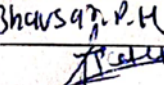
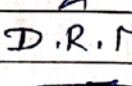
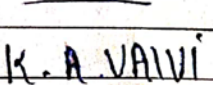
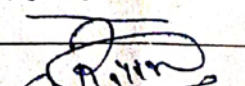
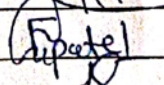
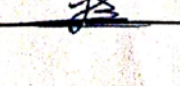




<b>Date of Visit</b>	<b>Branch and Semester</b>	<b>No. of Students</b>	<b>Total No. of Students</b>	<b>Accompanied Faculties</b>
24/12/2019	6 <sup>th</sup> Sem B.Tech. (Electrical)	20	49	Mr. Ranjit Rajak
	8 <sup>th</sup> Sem B.Tech. (Electrical)	29		

# Chhotubhai Gopalbhai Patel Institute of Technology

Course Name : B.Tech. (EE)

Semester: 6

Visit-Goldi Solar Pvt. Ltd.

Sr. No.	Enrollment No	Student Name	Sign
1	201603100610023	Dhruv Hiteshbhai Patel	
2	201703100610001	Bhargav Pravinbhai Radadiya	
3	201703100610002	Abhirajsinh Yogendrasinh Atodaria	
4	201703100610003	Jenish Kamleshbhai Kanetiya	
5	201703100610005	Hemanshu Mansukhbhai Sojitra	
6	201703100610007	Dhruv Rameshbhai Patel	
7	201703100610009	Jigarkumar Harishbhai Patel	
8	201703100610010	Poorvikumari Chandubhai Ganvit	
9	201703100610014	Riken Sanjaybhai Bodara	
10	201703100610015	Meet Dinesh Purohit	
11	201703100610019	Harshit Suresh Chawla	
12	201803100620001	Rohit Sureshbhai Kumbhani	
13	201803100620002	Venish Rameshbhai Goyani	
14	201803100620003	Pranavkumar Hemantbhai Bhavsar	
15	201803100620007	Tejal Pareshbhai Patel	
16	201803100620008	Dikshi Rakeshbhai Modi	
<del>17</del>	<del>201803100620009</del>	<del>Bhavik Shailleshbhai Ahir</del>	
18	201803100620010	Krutiben Ashokbhai Valvi	
<del>19</del>	<del>201803100620011</del>	<del>Nidhesh Vinubhai Italiya</del>	
20	201803100620012	Rikin Shambhubhai Chabhadiya	
21	201803100620015	Falgunikumari Umedbhai Patel	
22	201803100620016	Yuvrajsinh Mulrajsinh Ravrana	

**Chhotubhai Gopalbhai Patel Institute of Technology**  
**Course Name : B.Tech. (EE)**  
**Semester: 8**  
**Visit-Goldi Solar Pvt. Ltd.**

Sr.No.	Enrollment No	Student Name	Sign
1	201403100610009	Hardikkumar Narendrabhai Mistri	H.N.M.
2	201403100610067	Vatsal Hasmukhbhai Baraiya	Vatsal
3	201503100610022	Jaydipkumar Bhimsinghbhai Gamit	Jaydip
4	201503100610050	Rahel Ratilalbhai Gamit	Rahel
5	201503100610054	Deval Krupeshbhai Mehta	Deval
6	201503100610073	Rutvikumar Vinodbhai Vaghasiya	Rutvik
7	201603100610001	Dhaval Nareshbhai Dhola	Dhaval
8	201603100610002	Vishal Bhupatbhai Hadiya	Vishal
9	201603100610003	Krishnaben Rajeshbhai Gamit	K.R. Gamit
10	201603100610004	Fenil Nandkishor Tagariwala	—
11	201603100610005	Karan Nareshkumar Dalal	Karan.N.D
12	201603100610006	Jash Subhashchandra Patel	—
13	201603100610007	Milan Arvindbhai Mayani	Milan
14	201603100610008	Faisal Shahalam Shaikh	—
15	201603100610009	Rahul Janardan Pal	Rahul
16	201603100610011	Suman Sureshbhai Thawani	Suman
17	201603100610012	Jaykumar Dipakbhai Patel	—
18	201603100610014	Richa Richa Sharma Sharma	Richa
19	201603100610015	Riya Riya Sharma Sharma	Riya
20	201603100610016	Jenil Shaileshbhai Anghan	Jenil
21	201603100610017	Asit Mukeshbhai Vora	Asit
22	201603100610018	Deep Shaileshbhai Patel	Deep
23	201603100610020	Sunil Nageshwar Verma	Sunil
24	201603100610021	Parth Gabhrubhai Savaliya	Savaliya P.9
25	201603100610025	Krishna Ashok Shah	—
26	201603100610026	Bhumirajsinh Yogendrasinh Kharvasiya	—
27	201603100610027	Aniketkumar Naranbhai Tandel	—
28	201603100610028	Kunal Jayantilal Tandel	—
29	201603100610029	Diksha Laxmidas Jadav	Diksha
30	201603100610030	Miralkumar Kamleshbhai Ramani	—
31	201603100610032	Tusharkumar Rameshbhai Patel	Tushar
32	201603100610035	Kumar Singh Rishu	Rishu
33	201603100610037	Mahima Maneshbhai Patel	Mahima
34	201603100610041	Dishantbhai Rameshbhai Patel	—
35	201603100610042	Kunjan Dilipkumar Patel	Kunjan
36	201603100610045	Rupesh Raju Gavit	—
37	201703100620001	Romin Ashokbhai Navadiya	Romin
38	201703100620002	Sudhirkumar Jayantibhai Panchani	Sudhir
39	201703100620003	Paresh Nanaji Raul	Paresh
40	201703100620005	Devanshiben Yogeshkumar Patel	—
41	201703100620006	Pritesh Kumar Shambhulal Rawal	Pritesh
42	201703100620009	Fenilkumar Nandalal Thummar	Fenil

## **Activities on the Day of Visit:**

We took entry for our visit at 10:30 AM. In the visit, GOLDI authorities welcomed us on the Gate-Pass section. All the students had submitted their ID card and registered first. We moved to presentation hall and there we have seen the company's presentation and after that we did question answer session at the presentation hall with the expert. Then the two of their plant engineers brought us to the solar module manufacturing plant. They explained us the whole manufacturing process step by step and also explained us about all automated robotic production machines of the plant. The questioning was also being taken by us and the satisfactory answers were given by them. Then they explained all the different types of testing that carried out on the modules and solar cells before and after manufacturing.

After arriving at the main exit we officially checked out and then after we thanked the all authorities and left the plant. On the way back to college, the photos of the visit have been taken and all the students finally left for the college.

## **Glimpses of Visit:**



We heartiest thanks to Goldi Solar Pvt. Ltd. to give an opportunity to visit such an esteemed organization and we also want to thank our director Dr. R. V. Patil sir, Head of the Department Mr. Ankur V. Rana sir and all the faculties for coordinating the visit.