

# **SITE VISIT REPORT**

**NAME OF COMPANY: URJASTROT ENTERPRISE**

**DATE OF VISIT: 03/04/2023**

**LOCATION: BEDVA RASNOL, ANAND, GUJARAT**

## **INTRODUCTION:**

As part of our curriculum, the students of Civil Engineering Department recently visited Urjastrot Enterprise, a solar panel manufacturing company. The Managing Director of the company Mr. Axit Patel, who was a student of our institution during the academic year 2014-2018. The aim of the visit was to provide the students with an opportunity to learn about the manufacturing process of solar panels and to gain hands-on experience in the field. The visit was organized under the guidance of our HOD Samarth Naik & Asst. Prof. Hiren Talati, and a total of 22 students (semester 4, semester 6, and semester 8) participated in the visit.

## **MANUFACTURING PROCESS:**

Upon arrival at the site, we were given a brief introduction about the company and the manufacturing process. The company uses the latest technology to manufacture solar panels, and we were impressed by the level of automation in the manufacturing process. The manufacturing process involved several stages, including the preparation of the glass, the application of the conductive layer, the addition of the solar cells, and the final assembly of the panels. The company also had a quality control process in place to ensure that each panel met the required standards.

## **CAREER OPPORTUNITIES:**

During the visit, we also had the opportunity to interact with some of the employees at the company. We learned about the various job roles available in the company, including engineers, technicians, and quality control specialists. We were also given an insight into the qualifications and skills required for each role, and the potential career paths available within the company.

## **CONCLUSION:**

Overall, the visit to the solar panel manufacturing company was a valuable experience for the students. We were able to see first-hand the manufacturing process of solar panels and the level of technology and automation involved. We also gained an understanding of the importance of environmental sustainability in the renewable energy sector and the potential career opportunities available. We believe that this visit has provided the students with a valuable insight into the field, and we look forward to organizing more such visits in the future.

### Faculties Visited:

Asst. Prof. Hiren Talati  
Asst. Prof. Keyur Panchal  
Asst. Prof. Lakshmi C R  
Lab Asst. Akshar Parekh

## Glimpses of our visit:



With Managing Director Mr. Axit Patel



Explaining about the importance of solar energy



Explaining about the manufacturing process of solar panels



Panel Quality check



Framing stage of solar panel



Explaining about Solar stimulator

Thanking You,

Report Prepared By

Asst. Prof. Lakshmi C R