



# GOVERNMENT GIRLS POLYTECHNIC RISIYA

राजकीय महिला पॉलिटेक्निक रिसिया, नानपारा, बहराइच

Approved by AICTE New Delhi and Affiliated to BTE Lucknow

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## Industrial visit report

**Submitted By-** Training and placement/Institute Industry Cell

- 1.) Rakesh Kumar (Lecturer Electronics Engineering/ President of T.P.O/IICL)
- 2.) Devesh Dutt Verma (Lecturer Civil Engineering/ T.P.O)
- 3.) Siddharth singh (Lecturer Mechanical Engineering/IICL)
- 4.) Aviral Srivastav (Lecturer Computer Science Engineering/T.P)

**Date-** 15/03/2024

## **Industrial Visit Report**

**Name of college-** Government Girls Polytechnic, Risia, Nanpara, Bahraich  
(Uttar Pradesh)

**Department-** Training and placement/Institute Industry Cell

- 1.) **Rakesh Kumar** (Lecturer Electronics Engineering/ President of Cell)
- 2.) **Devesh Dutt Verma** (Lecturer Civil Engineering/ T.P.O)
- 3.) **Siddharth Singh** (Lecturer Mechanical Engineering/ IICL)
- 4.) **Aviral Sivastav** (Lecturer Computer Science engineering/ T.P )

**Date-** 15/03/2024

Total **30 students** of semester VI (24)+ Semester I (6)

### **Faculty Accompanied:**

- 1.)Devesh Dutt Verma (Lecturer Civil Engineering/ T.P.O)
- 2.)Siddharth Singh (Lecturer Mechanical Engineering/ IICL)
- 3.)Vikash Kumar (Lecturer Civil Engineering)
- 4.)Akhilesh Kumar (Lecturer Civil Engineering)
- 5.)Manoj Kumar (Workshop Instructor)
- 6.)Yogendra Pal Singh (Workshop Instructor)
- 7.)Dharmendra Kumar Verma (Workshop Instructor)
- 8.)Women PRD

### **Tour of Facilities-**

- 1.) Shravasti Kisan Sahkari Chini Mills Ltd
- 2.) The Girijapuri Barrage

## Industry Profile-

- 1.) **Shravasti Kisan Sahkari Chini Mills Ltd.** is a cooperative sugar mill located at Nanpara, Bahraich Road, Nanpara, Uttar Pradesh 271801. The mill was established in 2010 and has two sets of knives, a Fibrizor, and rollers.





2.) **The Girijapuri Barrage is a bridge on the Ghaghra river on the border of Bahraich and Lakhimpur Kheri in Uttar Pradesh, India.** It's part of the Katerniaghat Wildlife Sanctuary, which is 40,069 hectares in size and meets the A1 criteria for the International Birdwatching Association (IBA). The reservoir created by the barrage is home to many wintering waterfowl. Barrages are low gated diversion dams that control the elevation of an upstream head pond. They can also restrict the movement of river dolphins and other aquatic mega-fauna, separating them into subpopulations.



## **Purpose Of Visit-**

### **A.) Shravasti Kisan Sahkari Chini Mills Ltd.**

1. **Understanding Agricultural Processes:** Students can learn about the cultivation of sugarcane, its harvesting, and the processes involved in converting sugarcane into sugar. This visit provides practical exposure to agricultural practices and their industrial applications.
2. **Industrial Processes and Technology:** Students can observe the machinery and technology used in sugar production, such as crushing mills, boilers, and centrifuges. Understanding these processes can complement classroom learning.
3. **Economic Education:** Visiting a cooperative sugar mill offers insights into the economic aspects of agriculture and agribusiness. Students can learn about the cooperative business model, revenue generation, cost management, and market dynamics in the sugar industry.
4. **Environmental Impact:** Students can explore the environmental aspects associated with sugar production, such as water usage, waste management, and energy consumption.
5. **Community Engagement and Rural Development:** Cooperative sugar mills often play a crucial role in the socio-economic development of rural communities. Students can learn about the cooperative movement, community empowerment, and the role of agriculture in rural livelihoods.
6. **Career Exploration:** For students interested in careers in agriculture, food processing, agribusiness management, or related fields, this visit can provide valuable insights into potential career paths and job opportunities within the sugar industry.
7. **Cultural and Societal Context:** Understanding the cultural and societal significance of sugarcane cultivation and sugar production in the local context can broaden students' perspectives and deepen their appreciation for the interplay between agriculture, industry, and community life.

### **B.) The Girijapuri Barrage**

1. **Field Study:** Visiting the barrage allows students to observe the structure firsthand, providing practical insights that complement theoretical knowledge learned in classrooms. They can see how the barrage operates, its components, and its role in managing water resources.

2. **Understanding Infrastructure:** It offers students a chance to understand the engineering principles behind the construction and functioning of a barrage. They can learn about the materials used, structural design, and mechanisms for controlling water flow.
3. **Water Management Education:** Seeing the Girijapuri Barrage in action can help students learn about water management practices, including irrigation and flood control. They can appreciate the importance of such structures in supporting agriculture and local communities.
4. **Environmental Awareness:** The visit can raise awareness about environmental issues related to water resources, such as river ecology, habitat preservation, and the impact of human activities on natural ecosystems.
5. **Career Exploration:** For students interested in civil engineering, water management, or environmental science, visiting infrastructure sites like the Girijapuri Barrage can provide valuable insights into potential career paths and job opportunities in these fields.
6. **Cultural and Regional Understanding:** It may also offer students a glimpse into the cultural and regional significance of the barrage, as it often plays a crucial role in the lives and livelihoods of local communities.

### Ground Report-

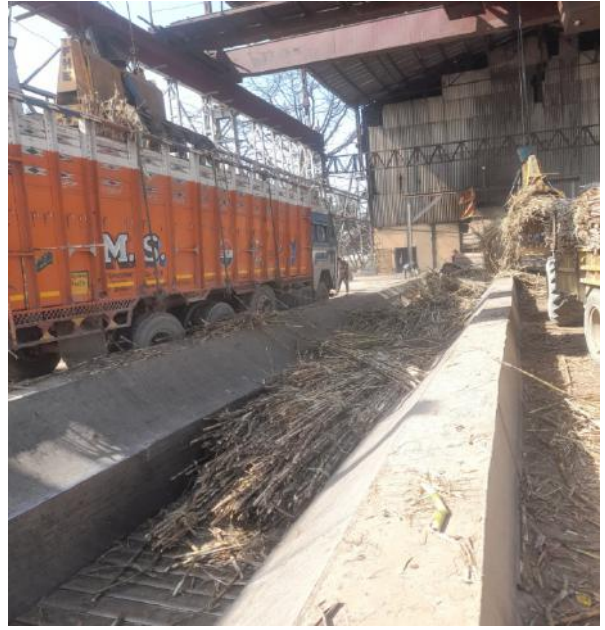
According to route and time plan one bus departed from our college campus gate. Our first stop was at Shravasti Kisan Sahkari Chini Mills Ltd. and second stop was at the Girijapuri Barrage.





**We Visited-**

**1-Cane Crusher**



**2-Boiler and Turbine**



### 3- Sugar Packaging Facility



### 4- Barrage











## Moment of Student With Team-







**507 95-7505-1**

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