



**SGK GOVERNMENT DEGREE COLLEGE-VINUKONDA**  
**GUNTUR DISTRICT-522647**

**POLAVARAM PROJECT**  
**FIELD VISIT ACTIVITY REPORT**

S. No.	Content	Details
1	Name of the Programme	Field Visit
2	Date & Time	12.12.2018 & 02.00 PM
3	Conducted by	Department of Physics
4	No. of Students attended	20
5	Chairperson	Smt M. Nirmala Devi, Principal
6	Program Convener	Sri P. Venkatrao, lecturer in Physics

**Objective of the Visit:** The primary objective of this field visit was to provide students with hands-on experience and insights into the Polavaram Project, a significant infrastructure project in our region. The visit aimed to enhance their understanding of dam construction, irrigation systems, and the environmental and socio-economic aspects associated with such projects.

**Activities Conducted:**

**Introduction to Polavaram Project:**

The visit commenced with an introductory session by a project representative, providing an overview of the Polavaram Project, its history, and its objectives. The importance of the project for irrigation, hydropower generation, and flood control in the region was highlighted.

**Site Tour:**

A guided tour of the project site was conducted, allowing students to witness the construction process firsthand. Key aspects covered during the site tour included the dam structure, spillway,



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canals, and reservoir area. Students had the opportunity to interact with project engineers and workers to gain insights into the technical aspects of the project.

**Environmental Impact Assessment:**

We attended a presentation on the environmental impact assessment of the Polavaram Project. The discussion included the measures taken to mitigate environmental effects and preserve the ecosystem in the region.

**Social Implications:**

A discussion session on the social implications of the project was held, focusing on the displacement of local communities and the rehabilitation efforts being undertaken. Students had the chance to interact with local residents to gain their perspectives.

**Observations and Findings:**

The scale and complexity of the Polavaram Project are truly impressive, showcasing modern engineering techniques and technology. The project plays a crucial role in water resource management and agricultural development in the region. Environmental conservation efforts, such as afforestation and wildlife protection, are integrated into the project's planning. The project's impact on local communities, including resettlement and rehabilitation programs, presents both challenges and opportunities.

**Conclusions:**

The field visit to the Polavaram Project provided students with valuable insights into the construction and management of large-scale infrastructure projects. It highlighted the need for a balanced approach to development that considers environmental, social, and economic factors.

**Feedback:**



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- Students asked similar field visits to other significant infrastructure projects to further enhance students' understanding of real-world applications of engineering and environmental principles.
- Further research and coursework related to the environmental and social aspects of large projects like Polavaram could be beneficial for students.

**Acknowledgments:** We extend our gratitude to the authorities and staff of the Polavaram Project for their hospitality and informative guidance during our visit.





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