

Organization of one-day Field Visit on Bhagpur Dam and Study of Core cutter Testing

Activity Report

Academic Year	2023-24
Program Driven by	Organization of one-day Field Visit on Bhagpur Dam and Study of Core cutter Testing
Quarter	III
Program / Activity Name	Organization of one-day Field Visit on Bhagpur Dam and Study of Core cutter Testing
Program Type	Organization of one-day Field Visit on Bhagpur Dam and Study of Core cutter Testing
Program Theme	Innovation
Start Date	15-02-2024
End Date	15-02-2024
Duration of the Activity (in Mins)	500
Number of Student Participant	72
Number of Faculty Participant	5
Number of external Participant	--
Expenditure Amount in Rs.	
Any Remark	--
Mode of Session Delivery	Offline
Objective	
Benefit in terms of Learning / Skills / Knowledge obtained	
Feedback	
Video url (mp4)	
Photograph 1 (jpg)	Attached
Photograph 2 (jpg)	Attached
Overall report of the Activity (pdf)	As given below

Brief about Visit

Subject: Report on Organization of One-Day Field Visit to Bhagpur Dam and Study of Core Cutter Testing **Date: 15th February 2024** **Venue: Bhagpur Dam, Jalgaon** **Organized by: SSBT's College of Engineering and Technology (COET), Bambhori, Jalgaon**

Introduction: On 15th February 2024, SSBT's COET organized a one-day field visit to Bhagpur Dam, Jalgaon, followed by a study session on Core Cutter Testing. The objective of the visit was to provide students with practical exposure to dam structures and to deepen their understanding of core cutter testing techniques used in geotechnical engineering.

Details of the Visit: The field visit was meticulously planned and executed by the faculty and administration of SSBT's COET, ensuring a smooth and enriching experience for the participating students.

Bhagpur Dam Visit: The visit commenced early in the morning, with students and faculty members assembling at the college premises. The group traveled to Bhagpur Dam, located in the vicinity of Jalgaon, under the guidance of experienced faculty members and industry experts.

Upon arrival at Bhagpur Dam, students were given a guided tour of the dam site, accompanied by explanations on its various components, including reservoirs, spillways, embankments, and control structures. Engineers with expertise in dam construction and management provided valuable insights into the engineering principles, environmental considerations, and safety measures associated with dam projects.

Core Cutter Testing Study: Following the dam visit, students engaged in a study session on core cutter testing, conducted by faculty members specializing in geotechnical engineering. The session commenced with theoretical discussions on core cutter testing principles, equipment, and procedures. Subsequently, students were divided into groups to perform practical demonstrations of core cutter testing under the supervision of faculty mentors.

Learning Outcomes: The one-day field visit and study session offered students numerous learning opportunities, including:

- Practical exposure to the design, construction, and operation of dam structures.

- Understanding of core cutter testing techniques and their significance in soil mechanics and geotechnical engineering.
- Application of theoretical knowledge in real-world scenarios, fostering critical thinking and problem-solving skills.
- Interaction with industry experts and professionals, gaining insights into current practices and emerging trends in civil engineering.

Conclusion: The one-day field visit to Bhagpur Dam and the study of core cutter testing proved to be a valuable educational experience for the students of SSBT's COET, Bambhori, Jalgaon. The visit not only enhanced their academic knowledge but also provided them with practical insights and industry exposure, aligning with the institution's commitment to holistic education and experiential learning.

As the students returned from the visit, they expressed their appreciation for the opportunity to apply classroom learning in real-world contexts and their enthusiasm for future academic and professional pursuits. The success of the field visit underscores SSBT's COET's dedication to nurturing well-rounded engineers equipped to meet the challenges of the modern world.











