



IGS Activity report of the student chapter MBCET under Indian Geotechnical Society Thiruvananthapuram Chapter

2023-2024

MAR BASELIOS COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

NALANCHIRA, THIRUVANANTHAPURAM

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General Body Meetings

The General Body meetings were held on 19th February and 1st March respectively at Laurie Baker Hall. The meetings were scheduled to plan the future activities, had discussions for conducting site visits as a part of IGS in college, planned to conducted some awareness classes, webinars and expert talks regarding Geotechnical Engineering etc. There were also planning to conduct some Quizzes or One-Day Workshop in order to seek the attention of students and to take part in the upcoming activities of IGS Student Chapter.

Lectures/Webinars

An expert talk on **Importance of Soil Testing** was conducted on 11th March 2024 by **Dr. Greeshma Nizy Eujine**, CEO and Geotechnical Consultant, Geo-Era Constructions organized by IGS MBCET Student Chapter. Dr. Greeshma Nizy Eujine delivered sessions covering a range of field test applications including SPT, bore log, Ground Improvement Techniques and also shared problems encountered on site from her perspective as an experienced engineer. The event was impeccably coordinated by Ms. Lekshmi Chandran M and Ms. Ann George



Site Visits

Field visit to the construction site on 15th March 2024 as a part of IGS within the Civil Engineering Department. The target group of students were S₄ B-Tech students.

Proposed site was executing the foundation work for the construction of District Planning Office. Students were able to witness the construction of Isolated & Strip footings.



Department of Civil Engineering



FIELD VISIT

On Friday March 15, 2024
1.00pm to 3.00pm

Site :Construction of Retaining wall and foundation works.

Co-ordinators:
Ms. Lekshmi Chandran M, Assistant Professor, CED.
Ms. Ann George, Assistant Professor, CED.



Undergraduate students gaining insights about the practical aspects in Geotechnical Engineering

Department of Civil Engineering in association with IGS MBCET Student Chapter conducted an industrial visit to Adani Vizhinjam Port Private Limited. Students were given a brief introduction in managing construction activities , crane operations and breakwater construction. Faculty Coordinators were: Mr. Sreeju Nair S B and Ms. Diana Alice Sugunan.



B-Tech Civil Engineering Students after visiting Vizhinjam Port Site visit to Soil Museum, Parottukonam

Conducted site visit to Soil Museum, Parottukonam, Thiruvananthapuram with students on the day of 19 April 2024, in order to know more and seek information regarding the vivid variety of soil monoliths from different parts of the state. An audio-visual documentary was also available there to provide more data about the soil types and agricultural methods.



Quiz/Competitions

Conducted a Geotechnical quiz “GEO-PUZZLE” based on the topics covered in geotechnical engineering on the day of 22nd March 2024 at Laurie Baker Hall. Students from S4, S6 and S8 performed and active and enthusiastic participation during the quiz and the winners were admired by giving consolation prizes.

