

**DEPARTMENT OF CIVIL ENGINEERING
&**

**Indian Geotechnical Society,
Sree Vidyanikethan Engineering College (IGS SVEC) Student Chapter**

Organized

**Field Visit to Narasingapuram Railway Over Bridge (RoB)
Construction Site**

On 3rd August, 2019

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a "**Field Visit to Narasingapuram Railway Over Bridge (RoB) Construction Site**" under **Indian Geotechnical Society Sree Vidyanikethan Engineering College (IGS SVEC) Student Chapter** on 3rd August, 2019 from 10:30 A.M to 1:30 P.M. The main objective of the program is to impart practical knowledge on the construction of bridges and Geosynthetics reinforced earth structures.

A total of 100 students from IV B.Tech. I Semester, 11 No. of faculty members and 3 No. of Lab Technicians have participated in the field visit. The students were with zeal and enthusiasm throughout the field visit. Dr. O. Eswara Reddy, Professor, Head and BOS Chairman, Faculty Advisor, IGS SVEC Student Chapter; Mrs. G. Gnana Prasanna, Assistant Professor, Coordinator, IGS SVEC Student Chapter; Mr. B Hari Krishna, Asst. Prof.; Mr. D. V. Purushotham, Asst. Prof.; Mr. M.P. Charan Sai, Asst. Prof.; Ms. G. Naga Sireesha, Asst. Prof.; Ms. N. Swetha, Asst. Prof.; Ms. G. Renuka Sai, Asst. Prof.; Mr. Vinoth Kumar S, Asst. Prof.; Mr. M. Venkata Kamal Lal, Asst. Prof.; Mr. K. Narendra Kumar, Asst. Prof.; Mr. G. Ramesh, Lab Technician; Mr. M. Roopesh, Lab Technician.; Mr. N. Manohar, Lab Technician; and Office bearers of IGS SVEC Student Chapter were part of the program.

Mr. P. Suman, Project Manager, M/s Krishi Infratech, Bangalore, explained the details of plan of bridge, bridge elements, underpass, reinforced earth wall, geogrid specification, placing of geogrid reinforcement and construction practice followed in the construction. Dr. O. Eswara Reddy explained about the Geogrid Reinforced Earth Structure, Mr. D. V. Purushotham explained about the Bridge Components: Piers, Box Culverts, Deck slabs etc., construction and their functions. Other faculty members clarified doubts expressed by the students.

Field Visit helps students to experience and learn about construction site environment and to develop analyzing the theoretical knowledge with the practical conditions.

Finally, Dr. O. Eswara Reddy concluded the visit by briefing the importance of construction of Railway Over Bridge giving the details of bridge design and reinforced earth design. And also, he interacted with the students to know about their understanding and awareness they had acquired during the field visit. The purpose of field visit is fulfilled and all the participated students were benefited.



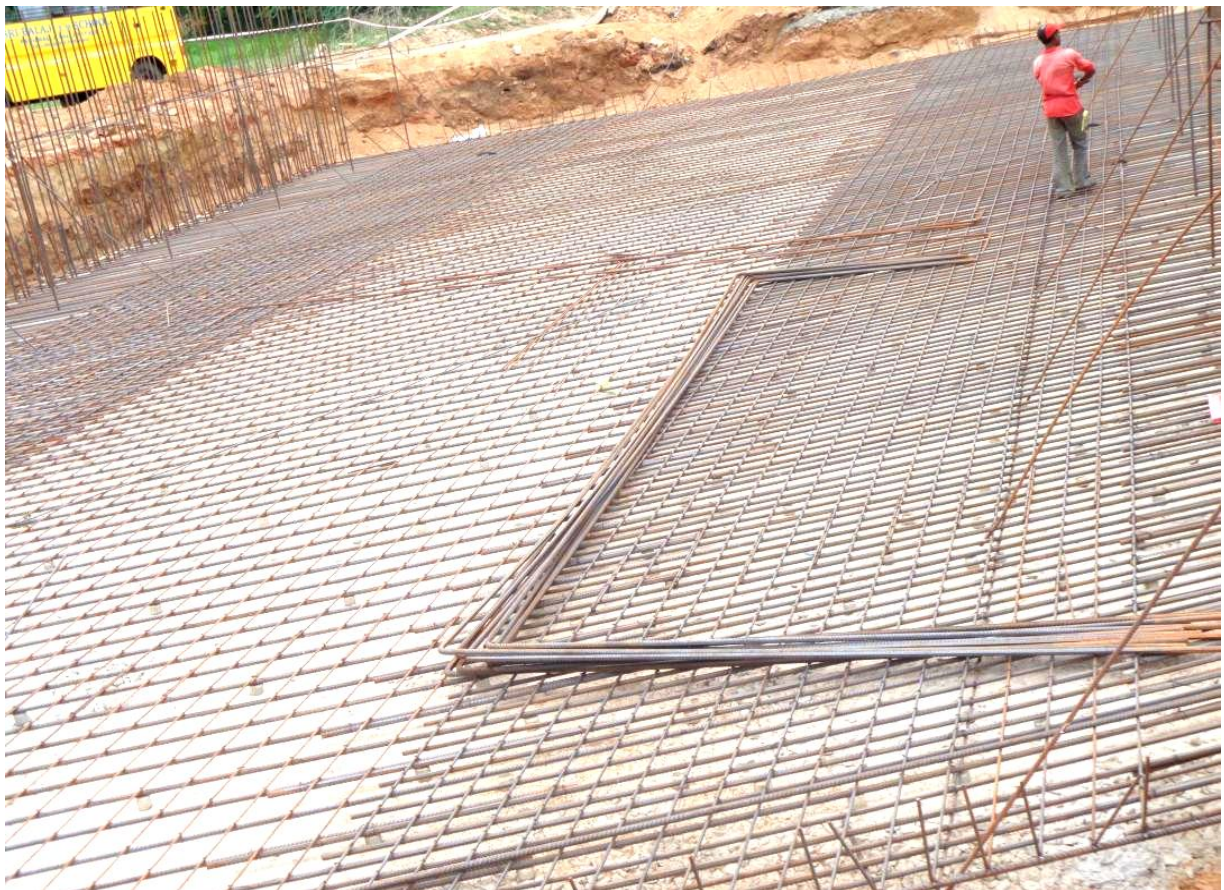
Dr. O. Eswara Reddy explaining about the Concept of Reinforced Earth Design



Mr. P. Suman showing the Details of the Plan of the Reinforced Earth Design and Bridge Components Design



Construction of Geogrid Reinforced Earth



Reinforcement for Box Culvert



Construction Equipment at the Site



Mr. D. V. Purushotham explaining about the Components of Bridge and its Design



Students at the Construction Site



Mr. M. P. Charan Sai, Assistant Professor clarifying Doubts of the Students



Railway Over Bridge Construction at Narasingapuram



Students and Faculty at Construction Site