



**SREE VIDYANIKETHAN ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Sree Sainath Nagar, Tirupati - 517102

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## **Department of Civil Engineering**

### **A Field Visit to Construction Site of Sri Shirdi Sai Baba Temple Building Besides Sree Vidyanikethan Engineering College Campus**

**01<sup>st</sup> November 2017**

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a field visit to the Construction Site of Sri Shirdi Sai Baba Temple Building, Sree Sainath Seva Samithi, A. Rangampet besides Sree Vidyanikethan Engineering College Campus at Rangampet, Tirupati on 1<sup>st</sup> November 2017 for the benefit of II B.Tech. I Semester Civil Engineering students. The objective of the program is to impart the practical knowledge on the construction details of civil engineering structures which is important in civil engineering. This program is helpful for the students to understand the technicalities of this field and making them aware of the advancements in construction therein.

60 students from II B.Tech. I Semester Civil Engineering, Department of Civil Engineering, Sree Vidyanikethan Engineering College have participated in the field visit along with 06 faculty members. Dr. O. Eswara Reddy, Professor and BOS Chairman, Faculty Advisor - ASCE SVEC Student Chapter; Mr. D. V. Purushotham, Asst. Professor, Coordinator- ASCE SVEC Student Chapter; Mr. M. Gokulnath, Asst. Professor; Mr. V. Mahesh, Asst. Professor; Mr. M. P. Charan Sai, Asst. Professor and Mr. B. Sudhakar, Asst. Professor, were part of the visit.

Faculty members have explained the type of construction; construction details of foundations, columns and beams. Further, they explained briefly about soil bearing capacity of the temple structure.

Dr. O. Eswara Reddy explained the shear wall design in the construction of the temple structure; reinforcement in beams, columns and slabs. He interacted with the students to know their understanding about construction details during the field visit.

The purpose of the field visit was fulfilled and all the participated students were benefited.



Dr. O. Eswara Reddy explains the Construction Procedure of RCC Slab, Beams and Shuttering followed in the Construction of Sri Shirdi Sai Baba Temple besides SVEC Campus



Mr. P. Ramya explains the Construction Procedure of RCC Isolated Footings at the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus





Mr. M. Gokulnath and Mr.V. Prem Kumar explains the Construction Details at the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus



Mr. D. V. Purushotham explains the Shuttering and Scaffolding at the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus





Mr. D. V. Purushotham explains the Usage of HYSD Steel Reinforcement at the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus



Mr. D. V. Purushotham showing the Use of Bar Cutting Machine at the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus





Mr. D. V. Purushotham explains the Bar Bending at the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus



Dr. O. Eswara Reddy explains the Importance of Shear Wall Design in the Construction Site of Sri Shirdi Sai Baba Temple besides SVEC Campus