

Department: **CIVIL ENGINEERING** | Date: **19th December 2019**

***An Expert Lecture on
"Tree to Reinforced Concrete Houses"***

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Expert Lecture on **"Tree to Reinforced Concrete Houses"** for B.Tech. CE Students under ASCE SVEC Student Chapter on **19th, December 2019**. The objective of the program is to bring eminent academicians on to the campus to share their knowledge and experiences with the students in the field of civil engineering. This program is helpful for the students to understand structural engineering and making them aware of the advancements therein.

The resource person was an eminent personality from the academia, **Dr. Bijily Balakrishnan**, Assistant Professor of Structural Engineering, Department of Civil Engineering, IIT Tirupati, Tirupati. She has been in association with a detailed investigation on the collapse of 11+2-storeyed building under construction at Moulivakkam, Chennai using a finite element analysis in ETABS; Proof checking of post-tensioned beams and slabs in new Cochin international terminal and Kannur international airport; Proof checking of EWS housing Project-Bhubaneswar (Precast building); Proof Checking of structural design of IISER Tirupati.

A total of **300 students** from **II, III and IV B.Tech. Civil Engineering II Semester** and **22 faculty members** from the host institution were participated in the session of Expert Lecture on "Tree to Reinforced Concrete Houses". **Dr. O. Eswara Reddy**, Professor, HoD and BOS Chairman, Department of Civil Engineering, SVEC and **Faculty Advisor-ASCE SVEC Student Chapter**; Mr. D. V. Purushotham, Assistant Professor and Coordinator-ASCE SVEC graced the occasion. Office bearers of ASCE SVEC Student Chapter were the organizers of this program. During the program session, expert has shared her rich knowledge of structural engineering along with case studies with all the participants.

On the whole, the event has proved successful. Expert Lecture is a way of enriching our students with the latest developments in civil engineering by an eminent academician within and beyond curriculum. The students will be enriched with knowledge on latest research developments in the field of civil engineering. Further, students will get inspiration from the speaker, provides a chance to students to meet an eminent academician and better interaction between the speaker and the department on various issues.

In addition, Dr. Bijily Balakrishnan interacted with the students of Office bearers of ASCE SVEC Student Chapter and faculty of civil engineering and gave suggestions for student chapter and advised to start ICI Student chapter, teaching and research frontiers for faculty. She visited the laboratories, department library, seminar hall and other facilities in the department of civil engineering and appreciated the efforts of management, faculty and staff.

The photographs of the session of the program are as follows.



(Dr. O. ESWARA REDDY)

Faculty Advisor

ASCE SVEC Student Chapter

Professor, HoD and Chairman-BOS



Banner at M-Plaza



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati interacting with Dr. P. C. Krishnamachary, Principal, SVEC.



Welcome Address by Ms. R. Bhagyalakshmi, Corresponding Secretary, ASCE SVEC Student Chapter



Introduction of the Expert by Ms G. Sree Latha, Member of ASCE SVEC Student Chapter



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati delivering an Expert Lecture on "Tree to Reinforced Concrete Houses"



Students Listening to Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati



Faculty and Students Listening to the Expert



Students Listening to the Expert



Students Listening to the Expert



Felicitation to the Expert



Dr Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati experiencing the Art Gallery at Central Library, SVEC



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati observing the Building Architecture in Central Library, SVEC



Dr Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati visiting Isolated Individual Reading Cabins at Central Library, SVEC



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati introducing Dr K.C Varapasad, HoD, Mechanical Engineering, SVEC



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati visiting Strength of Materials Lab



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati inspecting NDT Instruments at Concrete Lab



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati observing the Triaxial Equipment at Geotechnical Engineering Lab



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati discussing about Pullout Test Setup at Geotechnical Engineering Research Centre



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati visiting Highway Engineering Lab



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati observing the Rock & Mineral Samples at Engineering Geology Lab



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati visiting CAD Lab and GIS Lab



Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter, SVEC conducting ASCE SVEC Student Officer Planning Meeting with Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati interacting with Faculty Advisor and Coordinator, ASCE SVEC Student Chapter, SVEC, A.Rangampet.



Dr. Bijily Balakrishnan, Assistant Professor of Structural Engineering, IIT Tirupati interacting with the Faculty Members, Department of Civil Engineering, SVEC, A.Rangampet.