



# ASCE SREE VIDYANIKETHAN ENGINEERING COLLEGE STUDENT CHAPTER

## ASCE SVEC NEWS

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### Contents

About ASCE
ASCE SVEC Student Chapter
Editor's Voice
Vision and Mission
Goals and Objectives
Guest Lectures
Expert Lectures
Poster Presentation
General Quiz
Technical Quiz
Field Visits
Seminar
Orientation Program for Freshers
Debate
Collaboration with Other Student Organizations
Industry Internships
Community Service
Social Gatherings
Meetings
Faculty Interactions
Advisors of ASCE SVEC Student Chapter
Office Bearers
Chairpersons - Standing Committees

### ABOUT ASCE

The American Society of Civil Engineers (ASCE) represents more than 150,000 members of the civil engineering profession in 177 countries, founded in 1852. ASCE is the USA's oldest engineering society. ASCE stands at the forefront of a profession that plans, designs, constructs, and operates the society's economic and social engine – the built environment – while preserving and restoring the natural environment. Through the expertise and competence of its active membership, ASCE is a leading provider of technical and professional conferences and continuing education, the world's most voluminous publisher of civil engineering content, and an authoritative source for codes and standards that protect the public. The Society advances civil engineering technical specialties through nine dynamic institutes and spearheads with its many profession-oriented and public-focused programs.

### REGIONS, SECTIONS & BRANCHES

ASCE comprises 9 regions in North America and the tenth region that includes all 23,000 members who reside outside the USA, Canada, and Mexico.

Regions 1-9 include:

- 76 Sections
- 160 Branches
- 302 Student Chapters
- 130 Younger Member groups

Region 10 includes:

- 19 Sections
- 16 Groups
- 61 international Student Chapters

There is a Section or Branch in nearly every corner of the continent, and more beyond!

Region 10 Member Count: 24,740

### ASCE INDIA-INTERNATIONAL SECTION

Established in 1988, the ASCE India International Section (ASCE-IS) is made up of more than 4500 members. The India Section is divided into four regions (East, West, North, and South). They operate under a central body of ASCE-IS which has representations from all four Regions of the sub-continent.

### ASCE SVEC STUDENT CHAPTER

The Department of Civil Engineering, Sree Vidyanikethan Engineering College has initiated the process of forming ASCE Student Chapter within the institute on 26<sup>th</sup> July 2017. Inauguration of the activities was held on 28<sup>th</sup> October 2017. **ASCE Sree Vidyanikethan Engineering College (ASCE SVEC)** is a student run organization that is determined to enrich the lives of civil engineering students through various events such as guest lectures, quiz programs, seminars, workshops, conferences, group discussions, debates, industry internships, field/site visits, industrial visits, orientation programs, newsletter preparation, technical report writing, social events, community service/outreach activities, e-learning and participation in programs organized by other ASCE Student Chapters, ASCE-IS and ASCE. ASCE SVEC Student Chapter regularly conducts its annual meetings, executive committee meetings and other meetings to review its activities and formulate its future endeavors. By joining ASCE SVEC Student Chapter, the students will have the opportunity to interact with peers, faculty and professionals outside the classroom.

### Editor's Voice

With a great enthusiasm, I welcome you to the pioneer newsletter of ASCE SVEC. Being a Faculty Advisor, it was a proud moment for me to inaugurate ASCE SVEC Student Chapter. When the foundation for the Department of Civil Engineering was laid in SVEC with every stroke of the trowel and each lay of the brick as Head, I envisioned the growth of the department that will reflect the best of its lineage. It is my strong desire to create an inspirational platform for a holistic learning system comprising of the right mix of teaching-learning process, self-work by students, participatory and objective oriented learning. As a stepping-stone towards this goal, **ASCE SVEC Student Chapter** was inaugurated on 28 October 2017. With the integrity of staff, devotion of faculty members and hard work of dynamic students, we have earned a feather in our cap by the successful completion of one-year period of establishment of ASCE SVEC.

The chapter averaging an event every week held 35 events in the academic year. It is my aim to make this forum as the Quality Hallmark of the Department of Civil Engineering.

It gives me an immense satisfaction to state that despite all roadblocks ASCE SVEC Student Chapter is forging ahead to reach its academic heights with the great involvement of its members.



### FACULTY ADVISOR:

**Prof. Dr. O. ESWARA REDDY,**  
M.Tech. (Geotechnical Eng.), Ph.D.  
FIE, FIGS, M.ASCE, MISSMGE, MIRC, MISTE, MISRMTT, MIGS, MISCA, CEng (India)  
Chairman-BOS and Former Head,  
Department of Civil Engineering,  
Former Vice Principal, 2<sup>nd</sup> Shift Polytechnic,  
Sree Vidyanikethan Engineering College (Autonomous),  
Tirupati - 517 102.

**Chief Editor:**  
**Dr. O. Eswara Reddy,**  
Professor and BOS Chairman  
Faculty Advisor – ASCE SVEC Student Chapter

**Editor: Mr. D. V. Purushotham,**  
Coordinator – ASCE SVEC Student Chapter

### Editorial Team Members:

**Ms. B. Teresa Rose,** IV B.Tech, **Mr. A. V. Vinay Kumar Reddy,** IV B.Tech.

## VISION AND MISSION

### Vision

To inspire student members to become future leaders in the field of Civil Engineering to serve the society.

### Mission

- Nurture the student members with fundamental engineering knowledge, a broad set of skills, and an inquisitive attitude for creating innovative civil engineering solutions to serve industry and community through guest lectures, quiz programs, seminars, workshops and conferences.
- Imbibe excellent oral and written communication skills in student members through lectures, group discussions, debates, newsletter preparation and technical report writing.
- Develop leadership skills and interpersonal skills of student members by organizing various events such as social gatherings and outreach activities.
- Expose student members to real time problems by conducting field/industrial visits
- Expose student members to real time problems and work culture by providing industry internships
- Encourage student members to organize/participate in annual programs along with student chapters of other colleges and ASCE India Section/ASCE Southern Section.
- Inspire student members to attend ASCE national and International Competitions.
- Assist interested members to find external guide for their project work among the practitioner ASCE members
- Encourage student members to make use of online materials and e-learning programs from ASCE and other related sources for enhancing their civil engineering knowledge.

- Reach out to the community through service projects/outreach activities.
- The industry and public values the essential role of civil engineers in the society.
- Student members choose their career in Civil Engineering.
- Development of new skill sets in the field of civil engineering

### Objectives

- Cooperating with the India Section of ASCE (hereafter “ASCE-India Section”) in the furtherance of ASCE’s aim and activities, particularly in reference to students.
- Develop contacts with the local, regional, and national civil engineering community.
- Promoting cooperation among the Practicing Engineers/Academicians and Students for the advancement and dissemination of knowledge in the field of Civil Engineering
- Develop a support network for students within the civil engineering programs
- Creating suitable environment for learning current trends and knowing about exciting professional/teaching/research opportunities in civil engineering
- Expose student members to the real-life challenges of civil engineering
- Enhancing their ideology and ability in solving critical/typical civil engineering problems
- Develop leadership skills and public relationship skills among the students to produce future leaders of civil engineering.
- Imbibe excellent oral and written communication skills in student members
- Exploring the possibilities of industry internships and placements for students
- Inspiring students to pursue higher education in civil engineering
- Creating motivation and passion in engineering professional work
- Use learned civil engineering skills to benefit the local community/society
- Doing all other things incidental or conducive to the attainment of the above named objectives.

## GOALS AND OBJECTIVES

### Goals

- Majority of students in the Department of Civil Engineering are members of, and engage in, ASCE SVEC Student Chapter.
- Student members develop and apply innovative, state-of-the-art practices and technologies for safe, resilient, and sustainable civil engineering solutions.
- ASCE SVEC Student Chapter advances the educational and professional standards for civil engineers.

## INAUGURAL OF ASCE SVEC STUDENT CHAPTER



Address by Ms. J. Sevitha, Corresponding Secretary, ASCE SVEC Student Chapter

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Inaugural and Guest Lecture under ASCE SVEC Student Chapter on 28<sup>th</sup> October 2017. The objective of the program is to bring the practicing engineers to share their ideas and experiences with the students in the field of civil engineering.

Chief Guest for the inaugural was Dr. K. Rama Raju, Chief Scientist and Head, Vibration Control Group, Structural Engineering Research Centre, Chennai.

Dr. P. C. Krishnamachary, Principal, SVEC presided over the function. Dr. D. V. S. Bhagavanulu, Director, SVEC, Dr. O. Eswara Reddy, Faculty Advisor ASCE SVEC Student Chapter, Professor and BOS Chairman, Department of Civil Engineering, Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Engg. graced the occasion.

A total of 430 students from host institution were participated in the inaugural and subsequently Guest Lecture on “Seismic Rehabilitation Structures”. Guest speaker shared his rich experience on seismic rehabilitation of civil engineering structures with the students.

Mr. D. V. Purushotham, Assistant Professor was the coordinator, other faculty and ASCE SVEC Student Chapter office bearers of Civil Engineering Department were the organizers of this programme.



Inaugural Address by the Chief Guest

## GUEST LECTURES

### Seismic Rehabilitation Structures - Dr. K. Rama Raju



Dr. K. Rama Raju, Chief Scientist and Head, Vibration Control Group, Structural Engineering Research Centre, Chennai delivering a Guest lecture on "Seismic Rehabilitation structures".



Dr. K. Rama Raju, Chief Scientist and Head, Vibration Control Group, Structural Engineering Research Centre, Chennai meeting with the Faculty Advisor, Head and Student officers of ASCE SVCE Student Chapter

"It takes big heart to shape little minds". ASCE Student Chapter has organized an expert lecture by Dr. K. Rama Raju to improve the knowledge of students on Seismic Rehabilitation of Structures on 28<sup>th</sup> October 2018. Students of Second, Third and Final Year B.Tech. Civil Engineering attended the gathering and are enriched with the knowledge shared by Dr. K. Rama Raju.

Guest Lecture is a way of enriching our students with the latest developments in civil engineering industry by an eminent practicing engineer, beyond curriculum. The students will be enriched with knowledge about latest technologies used in the industry, industry needs, job avenues etc.

Overall, this lecture was helpful for every individual to cope up with the latest trends and

methods with various applications that are effective compared with the traditional methods.



Address by the ASCE SVEC Student bearer: Introduction of the Chief Guest by G. Kavya Bharathi, Recording Secretary, ASCE SVEC Student Chapter activities.

Chief Guest: Dr. K. Rama Raju, Chief Scientist and Head, Vibration Control Group, SERC, Chennai.

### Geotechnical Engineering – Case Studies - Mr. Pasupala Suresh K Gupta



Mr. Pasupala Suresh K Gupta, Lead Engineer – Geotechnical, CH2M HILL (India) Pvt. Ltd. Hyderabad, Telangana delivering a Guest Lecture on "Geotechnical Engineering – Case Studies"

Knowledge shared let others to light their candles. So, the Department of Civil Engineering has organized a Guest Lecture under ASCE SVEC Student Chapter on 08<sup>th</sup> January, 2018. The assemblage was emphasized about the challenging insights of Geotechnical Engineering, sharing the knowledge and

experiences. The resource person for the guest lecture on Geotechnical Engineering was an eminent personality from the Industry Mr. Pasupala Suresh K Gupta, Lead Engineer – Geotechnical, CH2M HILL (India) Pvt. Ltd., Madhapur, Hyderabad, Telangana. We are blessed to have Mr. Suresh K. Gupta as one of the Practitioner Advisors of ASCE SVEC Student Chapter.

This Guest Lecture was conducted in the presence of 430 students and faculty from the department of civil engineering along with the dignitaries of the institution.

Overall, the event was proved successful. The students got enriched with the knowledge on latest technologies used in the industry, industry needs, job avenues.

Mr. Pasupala Suresh K Gupta interacted with the office bearers at the Department of Civil engineering SVEC.



Student Officer Planning Meeting with Faculty Advisor and Practitioner Advisor, ASCE SVCE Student Chapter.

From Right: Mr. Pasupala Suresh K Gupta, Dr. O. Eswar Reddy, Dr. M. V. Subba Reddy.

### Sustainability in Civil Engineering - Mr. A. T. Samuel



Mr. A. T. Samuel, Director, STUP Consultants Pvt. Ltd, Bangalore delivering a Guest Lecture on "Sustainability in Civil Engineering"

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Guest Lecture for Students under ASCE SVEC Student Chapter on 17<sup>th</sup> March 2018. The resource person for the guest lecture was an eminent personality from the industry.

Mr. A. T. Samuel, Director, STUP Consultants Pvt. Ltd, Bangalore. Mr. A. T. Samuel interacted with the faculty of civil engineering and gave suggestions on teaching and research frontiers. Overall, the Guest Lectures conducted by the student chapter were helpful for the students as well as the faculty for enriching their skills. These lectures motivated students to improve the knowledge they are having, which further helps them to increase their chances of getting a job in reputed companies with more practical knowledge on the working environment and way of tackling the problems arise during various

conditions. Further, students will get inspiration from the speaker, provides a chance to students to meet an eminent practicing engineer and better interaction between the speaker and the department on various issues like industry internships, placements and MoUs.



Ms. M. Pushpanjali, III B.Tech. II Semester CE interacting with the Guest Speaker



Prof. C.V.R. Murthy, Director, IIT Jodhpur interacting with the Senior Officials and Professors of SVEC



Greeting the Expert: Prof. C.V.R. Murthy, Director, IIT Jodhpur.



Prof. C.V.R. Murthy, Director, IIT Jodhpur delivering an Expert Lecture on "Expect, the Unexpected"



Faculty and Students Listening to the Expert



Prof. C.V.R. Murthy, Director, IIT Jodhpur at Engineering Geology Lab



Prof. C.V.R. Murthy, Director, IIT Jodhpur experiencing the Art Gallery at Central Library



Prof. C.V.R. Murthy, Director, IIT Jodhpur observing The Constitution of India at Central Library

## Earthquake Engineering - Prof. C. V. R. Murthy

"Only divine love bestows the key of knowledge". A campus visit by **Prof. C. V. R. Murthy, Director, IIT Jodhpur along with Mr. Sanjeeb Mukherjee, Executive Engineer (Civil), IIT Jodhpur** on 07<sup>th</sup>, January 2018 was organized by the student chapter.

Prof. Murthy visited all the infrastructural facilities of the institute such as Laboratories, Computer Centers, Central Library, and Dasari Auditorium and appreciated the efforts of the management, faculty and staff. The Expert Lecture was conducted in the presence of 430 students and 20 faculty members from the department of civil engineering of Vidyanikethan Institutions along with the dignitaries of the department followed by interaction, where the queries of students were clarified by Prof. C. V. R. Murthy.



Prof. C.V.R. Murthy, Director, IIT Jodhpur inspecting NDT Instruments at Concrete Lab

Prof. C. V. R. Murthy has delivered expert lectures on **"Earthquake Resistant Buildings"** and **"Expect, the Unexpected"** for the benefit of civil engineering students and faculty. During the program session, expert has shared his rich knowledge of earthquake engineering along with case studies with all the participants. Further, he emphasized the essential qualities of a civil engineer and how to nurture them in his talk on "Expect, the Unexpected". Enthusiasm of the professor made the pupils to learn the subject wholeheartedly and inspired to do further research in the subject area in which they are interested. In addition, he interacted with the faculty members of civil engineering and advised in the areas of teaching and research.

Overall, this lecture was helpful for every participant in updating his domain knowledge and personality.



Prof. C.V.R. Murthy, Director, IIT Jodhpur interacting with the Faculty Members, Department of Civil Engineering, SVEC, A.Rangampet.

## Sustainable and Smart Pavement Technologies – Visions for Future

### - Dr. B. Krishna Prapoorna

"Education is what survives when what has been learned has been forgotten". For conceptual learning, the Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Expert Lecture for Students under ASCE Sree Vidyanikethan Engineering College Student Chapter Activates on 06<sup>th</sup>, April 2018.

The objective of the program is to bring eminent academicians 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 transportation engineering and making them aware of the advancements there in.

The resource person is an eminent personality from the academia, Dr. B. Krishna Prapoorna, Associate Professor of Transportation Engineering, Department of Civil Engineering, IIT Tirupati, Tirupati.

The Expert Lecture was conducted in the presence of a total 430 students and 20 faculty members along with the dignitaries of the department. Followed by interaction, where the queries of students were clarified by Dr. B. Krishna Prapoorna.



## FIELD VISITS

### FIELD VISIT TO SHIRIDI 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

**“Knowledge comes from learning, Wisdom comes from living”**. 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. Faculty members have explained the type of construction; construction details of foundations, columns, beams etc.,



Dr. O. Eswara Reddy explaining the Importance of Shear Wall Design in the Construction Site of Sri Shirdi Sai Baba Temple

### FIELD VISIT TO CONSTRUCTION SITE OF INDOOR STADIUM AND HOSTEL BUILDING AT SVEC

**“The Only Source of Knowledge is Experience”**. A field visit to the “Construction Sites of Indoor Stadium and Hostel Building” within the SVEC Campus for the benefit of III B.Tech. II Semester Civil Engineering students was organized on 3<sup>rd</sup> January 2018 under ASCE SVEC by the Department of Civil Engineering.

The objective of the program is to impart the practical knowledge on the construction of isolated footings and pile

foundations. Faculty members explained the drawing details and construction of isolated foundations. Dr. O. Eswara Reddy explained the necessity, classification, methods of pile foundations, and pile load test through field demonstration. He interacted with the students to know about their understanding and awareness they had acquired during the field visit. 150 students from III B.Tech. II Sem CE have participated in the field visit along with 06 faculty members.



Dr. M. V. Subba Reddy and Mr. D. V. Purushotham explaining the Drawing Details to Students at the Construction Site of Indoor Stadium in SVEC Campus

### FIELD VISIT TO KALYANI DAM, A. RANGAMPET

A field visit to Kalyani Dam, A. Rangampet, on 9<sup>th</sup> April 2018 for the benefit of II B.Tech. II Semester Civil Engineering students was organized by the Student Chapter.

The objective of the program is to impart the practical knowledge of existing irrigation structures i.e., dam and reservoir. 140 students from II B.Tech. II Semester Civil Engineering have participated in the field visit to Kalyani Dam maintained by

Irrigation Department, Govt. of A.P. along with 08 faculty members. All the faculty members have explained the type of dam, construction details, hydrology details, reservoir capacity, spillway types, Intake tower and benefits of the dam.

Finally, Dr. O. Eswara Reddy, Faculty Advisor - ASCE SVEC Student Chapter interacted with the students to know their understanding about the details dam construction during the field visit.



II B.Tech. II Sem. CE Students at Kalyani Dam, A. Rangampet during the Field Visit

### FIELD VISIT TO PILE LOAD TESTING AT THE CONSTRUCTION SITE OF NEW ACADEMIC BLOCK G+8 FLOORS, SVEC CAMPUS

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a “Field Visit to Pile Load Testing at the Construction Site of New Academic Block G+8 Floors, SVEC Campus” for the benefit of III B.Tech. II Semester Civil Engineering students on 25<sup>th</sup> April 2018.

The objective of the program is to impart the practical knowledge of pile load testing. This program has helped the students to understand the technicalities of foundation engineering practice and making them aware of the advancements in fast track construction therein.

Dr. O. Eswara Reddy explained the necessity of pile load test, test setup and its procedure practically at the site. He interacted with the students to know about their understanding and awareness they had acquired during the field visit.

Overall, these Field Visits are organized for helping the students to know the working conditions at project sites and implementation of their subject knowledge effectively. A total of 150 students from III B.Tech. II Semester Civil Engineering has participated in the field visit along with 06 faculty members.



Dr. O. Eswara Reddy explaining the Procedure of Pile Load Test

## POSTER PRESENTATIONS

A Poster Presentation Competition on “Automation in Civil Engineering Construction” under ASCE Sree Vidyanikethan Engineering College Student Chapter on 05<sup>th</sup>, February 2018.

A total 8 students of 5 teams from II and III B.Tech. Civil Engineering II Semester have participated in the event. The competition was conducted at Civil Engineering Seminar Hall from 10:00 am to 1:30 pm.

Dr. O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering, SVEC and Faculty Advisor, ASCE SVEC Student Chapter; Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil

Engineering; Mr. D. V. Purushotham, Assistant Professor and Coordinator, ASCE SVEC together judged the teams on different criteria such as knowledge, presentation, demonstration, creativity and content. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.

All the students of II & III B.Tech visited all poster presentations. Students were enriched with knowledge on latest technologies used in the automation and difference between automation and mechanization. Further, it is believed that this event has ignited the young minds to learn and participate and to participate and learn.



Dr. O. Eswara Reddy and Dr. M. V. Subba Reddy judging the Poster Presentation by Mr. G. Siva Gangadhar and Mr. K. Sai Dhanush of II B.Tech. CE II Semester



Dr. O. Eswara Reddy and Dr. M. V. Subba Reddy presenting the First Prize to Mr. P. Vijay and Mr. V. Vishnu Vardhan Reddy of III B.Tech. CE II Semester.



Dr. O. Eswara Reddy and Dr. M. V. Subba Reddy presenting the Second Prize to Mr. P. Karthik of II B.Tech CE II Semester.



Dr. O. Eswara Reddy and Dr. M. V. Subba Reddy with the Participants

## GENERAL QUIZ



Participation of Students in General Quiz Competition under ASCE SVEC Student Chapter



Dr. O. Eswara Reddy, Faculty advisor of ASCE SVEC Student Chapter announcing the Prize Winners

ASCE Sree Vidyanikethan Engineering College Student Chapter has organized a “General Quiz Competition” on 23<sup>rd</sup> March 2018. The objective of the program is to create enthusiasm to learn general knowledge and current affairs, develops an attitude to win and boost confidence among participants.

A total 39 students of eight teams from II and III B.Tech. Civil Engineering has participated in the event. The whole event was conducted with great zeal and enthusiasm.

The competition was conducted at Civil Engineering Seminar Hall from 2.30 pm to 4:30 pm.

Quiz competition enables students to think from different angles or simply ‘to think out of the box’. It promotes a healthy debate amongst participants in order to learn from each other. Quiz competitions even help build the student’s

soft skills. Further, it is believed that this event has ignited the young minds to learn and develops attitude to win. The students were enriched with knowledge on latest general knowledge and current affairs.

Dr. O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering, SVEC and Faculty Advisor- ASCE SVEC Student Chapter; Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Engg.; Mr. D. V. Purushotham, Assistant Professor and Coordinator of ASCE SVEC Student chapter were together judged the teams on different criteria such as general knowledge, current affairs and content. The prizewinners were announced. Office barriers of ASCE SVEC Student Chapter were the organizers of this program.



Dr. O. Eswara Reddy and Dr. M. V. Subba Reddy presenting Participation Certificates to Students



Dr. O. Eswara Reddy, Faculty Advisor and Mr. D. V. Purushotham Coordinator of ASCE SVEC Student Chapter explaining the Importance of General Quiz.



Dr. O. Eswara Reddy and Dr. M. V. Subba Reddy presenting Participation Certificates to Students of II B.Tech. CE II Semester B-section

## TECHNICAL QUIZ



Participation of Students in "Technical Quiz Competition" under ASCE SVEC Student Chapter



Office bearers operating "Technical Quiz Competition" under ASCE SVEC Student Chapter



Dr. O. Eswara Reddy, Faculty Advisor of ASCE SVEC Student Chapter visited and appreciated the Students participated in Technical Quiz

A "Technical Quiz Competition" under ASCE Sree Vidyanikethan Engineering College Student Chapter was conducted on 11<sup>th</sup> April 2018.

A total 40 students of 8 teams from II, III and IV B.Tech. Civil Engineering II Semester have participated in the event. The whole event was conducted with great zeal and enthusiasm.

The competition was conducted at Civil Engineering Seminar Hall from 2.30 pm to 4:30 pm. The objective of the program is to create enthusiasm to learn subject and technical knowledge, develops an attitude to win and boosts confidence among participants.

The prize winners were decided purely based on judgment.

Technical Quiz enables student to learn and analyze the knowledge they have on the subject as well as the situation and latest technology implemented in the field of civil engineering.

Quiz helps everyone to increase his or her ability to learn new things as well as to explore the universe. It also enables students to go through the current situations across the world.

This activity has reached its goals as both the organizers and participants have improved their skills in technical sector. They have worked together to conduct the event successfully.



Dr. M.V. Subba Reddy distributing the Participated Certificate to Students



Dr. O. Eswara Reddy, Faculty Advisor presenting the First Prize Certificate to Students of II B.Tech. & III B.Tech. CE II Semester Team

## SOCIAL GATHERINGS



Dr. O. Eswara Reddy, Faculty Advisor along with Office Bearers at Kalyani Dam

Gatherings - A small talk meets helped the members of ASCE SVEC Student Chapter to organize the events and to share ideas to develop the Student Chapter. Overall, two gatherings were held has the Faculty coordinator and the Office Bearers along with the committee members.

The main motive of these small talk meets is to motivate each other in completing the tasks associated with the student chapter. One of the social gatherings was held on 7-04-2018 at Kalyani Dam to refresh and plan the further activities to be conducted in the student chapter.

The ASCE SVEC Student chapter team visited the dam and temple etc. in around the Kalyani dam apart from events of entertainment.

The other was held on 15-09-2018 at FASAK CANTEEN, SVEC campus. Dr. O. Eswara Reddy, Faculty Advisor, and ASCE SVEC Student Chapter addressed these two gatherings. Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Eng.; Mr. D. V. Purushotham, Assistant Professor and Coordinator - ASCE SVEC Student chapter were participated.

These assemblies helped the committee members to maintain a good rapport among them and to support each other to complete the tasks associated with them. Overall, the events were proved successful. The purpose of the Social Gathering was fulfilled and all the participants enjoyed the events. Office Bearers and Faculty will certainly remember the moments throughout their life.



Dr. O. Eswara Reddy, Faculty Advisor of ASCE SVEC Student Chapter and Dr. M. V. Subba Reddy, Head, Dept. of Civil Engineering at FASAK Canteen SVEC



Dr. O. Eswara Reddy addressing the Social Gathering



Entire Team of ASCE SVEC Student Chapter at FASAK Canteen

## SEMINAR



Students explaining about Solid waste management

Seminar presentation competition was conducted on **“Solid Waste Management”** on July 31, 2018. The objective of conducting seminar is to nurture the presentation skills of the students. Seminar Presentation on Solid waste management enables students to gather knowledge on government rules and regulations various policies taken up by the government as well as better practicing methods of Solid Waste Management.

Civil Engineering II, III and IV B.Tech I Semester students totally 25 (11 individuals and 7 teams of each 2) participated in the event. The whole event was conducted with great zeal and enthusiasm. The competition was conducted at Civil Engineering Seminar Hall from 11:00 am to 4:30 pm due to more number of students enrolments for presentation though it was planned from 2.30 to 4.30 pm.

Dr. O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering, SVEC, and Faculty Advisor-ASCE SVEC Student Chapter; Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Eng.; Dr. Hemadri Prasad Raju, Associate Professor and Coordinator of this seminar. Presentation under ASCE - SVEC student chapter were together judged the teams on different criteria such as knowledge, presentation, demonstration, creativity and content.

Mr. B. Sudhakar and Mr. K. Sandeep Kumar have chaired the sessions and Office bearers of ASCE SVEC Student Chapter were the organizers of this program.



Dr. O. Eswara Reddy, Faculty Advisor issuing Certificate to Ms. K. Pranaya, IV-A B.Tech., CE, 1<sup>st</sup> Prize Winner



Dr. O. Eswara Reddy, Faculty Advisor issuing certificate to Ms. D. Pragathi, III-A B.Tech, CE, and ...

## ORIENTATION PROGRAM FOR FRESHERS

Dr.O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering has delivered a lecture in Department Seminar Hall on **“Joy and Proud of Civil Engineering”** as part of induction program for the benefit of I B.Tech Civil Engineering students in order to expose them to the “Significance of Branch of Study” on 07-07-2018.

In his lecture, he explained about the objective and different domains of Civil Engineering and their importance.

Mr. D. V. Purushotham, Assistant Professor and Coordinator-ASCE SVEC discussed about the importance of ASCE SVEC Student Chapter.

A total of 100 students were attended the program. Office bearers of ASCE SVEC Student Chapter were the organizers of the program.



Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter interacting with I B.Tech. CE Students

## INDUSTRY INTERNSHIPS TO STUDENTS

In order to expose Students to the practical problems, working culture and technologies implemented in the civil engineering construction sites/industries, ASCE SVEC Student Chapter has initiated Summer Internships for ASCE Members. 84 Student Members have undergone internships at different civil engineering organizations as mentioned hereunder.

- Industry Internships for ASCE Members of III B.Tech. CE during 10-12-2018 to 19-12-2018 (10 Days) at the Project Site in SVEC, A. Rangampet of Coromandel Engineering Company Ltd., during Semester Break.
- Summer Internships for ASCE Members of IV B.Tech. CE during 06-06-2018 to 26-06-2018 (3 Weeks) in Different Civil Engineering Companies across India.

### Companies Offered Industry Internships to Students:

S. No.	Name of the Industry
1.	Sarathy Geotech & Engineering Services Pvt. Ltd., Bangalore.
2.	BCV Developers Private Limited, Bangalore.
3.	Enritz Engineering and Constructions Private Limited, Chennai.
4.	Indian Institute of Technology Indore, Indore.
5.	Bureau Veritas India Private Limited, Mangalore.
6.	Bangalore International Airport Limited, Bangalore.
7.	BSCPL Infrastructure Ltd., Hyderabad.

S. No.	Name of the Industry
8.	VR2 Infra Solutions, Hyderabad.
9.	Mantha Associates, Hyderabad.
10.	Consolidated Construction Consortium Limited (CCCL), Chennai.
11.	Coromandel Engineering Company Limited, Chennai.
12.	STUP Consultants, Hyderabad.
13.	STUP Consultants, Bangalore.
14.	Tirumala Tirupati Devasthanams, Tirupati.



## DEBATE



Dr. O. Eswara Reddy, Faculty Advisor of ASCE SVEC Student Chapter explaining the Importance of Debate on "Leadership Skills for Civil Engineers"



Students participating in debate under the guidance of committee chairperson and Faculty coordinator



Mr. Y. Ajay Kumar Reddy, Chairperson, Fund Raising Committee CE, ASCE SVEC Student Chapter explains the Conclusion on Debate on "Leadership Skills for Civil Engineers"

A Debate on "Leadership Skills for Civil Engineers" under ASCE SVEC Student Chapter on 31<sup>st</sup> August 2018. The objective of the program is to motivate and nurture the debate skills, communication skills and impart knowledge on Leadership Skills for Civil Engineers.

A total 21 students from II, III and IV B.Tech. Civil Engineering II Semester has participated in the event. The whole event was conducted with great zeal and enthusiasm. The Debate was conducted at Civil Engineering Seminar Hall from 03:30 pm to 4:30 pm.

Dr. O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering, SVEC, and Faculty Advisor-ASCE SVEC Student Chapter; Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Engg.; Mr. D. V. Purushotham, Assistant Professor and Coordinator - ASCE SVEC were together observed and judged on different criteria such as debate skills, knowledge, presentation, creativity and content. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.

On the whole, the event has proved successful. The First Prize to Mr. B. Sandeep Naik of II B.Tech. CE and Mr. M. Sohail of IV B.Tech. CE and the Second Prize to

Mr. A. Maitrey of II B.Tech. CE and Mr. S.P. Karthik of III B.Tech. CE were awarded. Also, participation certificates were distributed to all the participants.

The students were enriched with the knowledge on latest trends in the leadership for civil engineers and idea about challenges in leadership in civil Engineering. Further, it is believed that this event has ignited the young minds to learn and participate and to participate and learn.



Dr. O. Eswara Reddy presenting First Prize Certificate to Mr. B. Sandeep Naik of II B.Tech. CE II Semester



Dr. O. Eswara Reddy presenting Participation Certificate to Ms. P. Dedeepya of II B.Tech. CE II Semester

## COLLABORATION WITH OTHER STUDENT ORGANIZATIONS

ASCE Student Chapters are the organizers of 18 prestigious conferences that are held in different regions every year in USA. It is for the very first time that India has been privileged to be a part of this extravagant event to hold this conference at Vellore Institute of Technology, Vellore by ASCE-India Section Southern Region.

From Department of Civil Engineering of Sree Vidyanikethan Engineering College, 14 No. of Student Members of ASCE SVEC Student Chapter from IV B.Tech. I Semester CE have participated in the ASCE INDIA Student Conference'18 from 15-03-2018 to 18-03-2018 at Vellore Institute of Technology, Vellore.

Dr. O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering, SVEC, and Faculty Advisor-ASCE SVEC Student Chapter; Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Engg.; Mr. D. V. Purushotham, Assistant Professor and Coordinator-ASCE SVEC congratulated the Students for their active participation in the ASCE VIT Conference'18.

The students can learn the latest developments in civil engineering by eminent academicians and industry experts within and beyond curriculum by attending the conference. The students will be enriched with knowledge on latest research developments in the field of civil engineering. Further, students will get inspiration from the speakers, provides a chance to students to meet an eminent academicians and industry experts etc.



Welcome Board at the Conference Venue at ASCE INDIA Student Conference'18 held at Vellore Institute of Technology, Vellore



ASCE SVEC Student Members at ASCE INDIA Student Conference'18 held at Vellore Institute of Technology, Vellore



Group Photo with Faculty Advisor and HOD, CE

# COMMUNITY SERVICE



Welcome Address by the Ms. J. Sevitha, Corresponding Secretary, ASCE Student chapter



Chief Guest and other Dignitaries assembled for the program along with the villagers



Introduction of the Chief Guest



Chief Guest: Prof. G L Sivakumar Babu addressing the villagers on "Rainwater Harvesting"



Faculty, Students and Villagers Listening to the Chief Guest



Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter delivering his Speech about Rainwater Harvesting to the Village Community



Dr. M. V. Subba Reddy, HOD, Department of Civil Engineering, SVEC Explaining about the Rainwater Harvesting to the Village Community

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Outreach Activity – An Awareness Program on “Rainwater Harvesting” at Pullaiahgaripalli, Near A.Rangampet, Chandragiri Mandal under ASCE Sree Vidyanikethan Engineering College Student Chapter on 22<sup>nd</sup> December 2018 ie., 2.00 pm to 4.30 pm. The objective of the program is to motivate, create awareness and impart knowledge on Rainwater Harvesting to the Public or Community.

**Prof. G L Sivakumar Babu**, Professor, Geotechnical Engineering Division, Department of Civil Engineering, Indian Institute of Science, Bangalore; **Governor, Region 10 – ASCE** and President, Indian Geotechnical Society, New Delhi was the Chief Guest. Mr. S. Rama Krishna Naidu and Mr. K. Anand Naidu, Village Elders, Pullaiahgaripalli, Near A. Rangampet, Chandragiri Mandal; Dr. O. Eswara Reddy, Professor and BOS Chairman, Department of Civil Engineering, SVEC, and Faculty Advisor-ASCE SVEC Student Chapter and Convener of the Program; Dr. M. V. Subba Reddy, Assistant Professor and Head, Dept. of Civil Engg.; Mr. D. V. Purushotham, Assistant Professor and Coordinator-ASCE SVEC Student Chapter and Coordinator of the Program graced the occasion.

Chief Guest and other dignitaries in their address reiterated the importance of rainwater harvesting in order to improve ground water resources and reduce the water scarcity in the village. Further, they explained the need of safeguarding water resources for the benefit of future

generations.

40 No. of Residents of the Village, 22 No. of Faculty Members and 30 No. of Students including ASCE SVEC Student Chapter Office Bearers of Civil Engineering Department were actively participated in the program. Faculty and Students explained about the importance and uses of Rainwater Harvesting Systems and Methods to the village community through Poster Presentations, Power Point Presentations and Videos. At the end of the program, villagers understood the need of rainwater harvesting system for their village and came forward to cooperate in all respects and requested to develop a comprehensive rainwater harvesting system for their village to follow.

Community service is to work for free to help/benefit the public/community. Community service can have a lot of positive effects on students, such as helping them to develop skills, making contacts, and allowing them to improve the quality of life of others. The students can develop an attitude of giving something to society. Also, it creates realization in the budding engineers to innovate and work for society.



Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter explains the Objectives of the Program during his Overall Remarks on Rainwater Harvesting



Power Point Presentation on “Rainwater Harvesting” to the Village Community by Mr. Y. Ajay Kumar Reddy, Chairperson, Fund Raising Committee, ASCE SVEC Student Chapter



Power Point Presentation on “Rainwater Harvesting” to the Village Community by Ms. C. V. Swapna, IV B.Tech. II Semester CE, Chair Person, Community Service Committee, ASCE SVEC Student Chapter



Poster Presentation on “Rainwater Harvesting” to the Village Community by Mr. D. V. Purushotham, Assistant Professor and Coordinator of ASCE SVEC Student Chapter



Vote of Thanks by Mr. A. V. Vinay Kumar Reddy, IV B.Tech. II Semester CE, President, ASCE SVEC Student Chapter.

## MEETINGS

Officer planning meetings are conducted to plan the activities that enrich students to develop their skills and prepare them for the competitive life.

Officers, Faculty Advisor along with the Department Head and Coordinator plan various activities that are fruitful for the students.

The planning of activities and the status of the student chapter is known by conducting official meetings with the Office Bearers and Committees Chairperson.

Around nine official meetings were conducted in the year leap. In addition, these meetings helped to monitor the timely progress of the student chapter.

The details of meetings are listed below.

1. Student Officer Planning Meeting on 25-10-2017
2. Student Officer Planning Meeting with Practitioner Advisor-1 on 28-10-2017
3. Student Officer Planning Meeting on 28-12-2017
4. Student Officer Planning Meeting with Practitioner Advisor-2 on 08-01-2018
5. General Meeting of Student Officers, Department Head, Faculty Advisor and Coordinator on 04-02-2018.
6. Student Officer Planning Meeting on 11-03-2018
7. Student Officer Planning Meeting on 02-04-2018
8. Student Officer Planning Meeting on 03-09-2018
9. Student Officer Planning Meeting on 15-12-2018



Student Officer Planning Meeting with Practitioner Advisor-1



Student Officer Planning Meeting with Practitioner Advisor-2

## FACULTY INTERACTIONS WITH THE EXPERTS

The delegates with a good knowledge in higher positions from reputed organizations have visited the SVEC Campus for sharing their knowledge and experience with the Students as well as the faculty members.

An interactive session was conducted for the faculty members with the delegates at the Department of Civil Engineering, SVEC.

These interactions were conducted to maintain a good rapport among the faculty and the delegates.



Dr. K. Rama Raju, Chief Scientist and Head, Vibration Control Group, Structural Engineering Research Centre, Chennai meeting with the Faculty of Department of Civil Engineering, SVEC, A.Rangampet.



Prof. C.V.R. Murthy, Director, IIT Jodhpur interacting with the Faculty Members, Department of Civil Engineering, SVEC, A.Rangampet.



Mr. Pasupula Suresh K Gupta, Lead Engineer – Geotechnical, CH2M HILL (India) Pvt. Ltd., Madhapur, Hyderabad Interacting with the Faculty Members, Department of Civil Engineering, SVEC.



Mr. A. T. Samuel, Director, STUP Consultants Pvt. Ltd, Bangalore Interacting with the Faculty Members, Department of Civil Engineering, SVEC, A.Rangampet.

## ADVISORS OF ASCE SVEC STUDENT CHAPTER

### FACULTY ADVISOR



**Prof. Dr. O. ESWARA REDDY, M.Tech. (Geotechnical Eng.), Ph.D.**  
**FIE, FIGS, M.ASCE, MISSMGE, MIRC, MISTE, MISRMTT, MIGS, MISCA, CEng (India)**  
 Chairman–BOS and Former Head,  
 Department of Civil Engineering,  
 Former Vice Principal, 2<sup>nd</sup> Shift Polytechnic,  
 Sree Vidyanikethan Engineering College (Autonomous),  
 SreeSainath Nagar, A. Rangampet - 517 102,  
 Tirupati, Chittoor Dist., A.P., INDIA.



**Dr. Rama Raju, Kunadharaju, M.ASCE**  
 Chief Scientist,  
 Advanced Seismic Testing and Research Lab,  
 CSIR-Structural Engineering Research Centre  
 CSIR Campus, Taramani Chennai – 600113,  
 Tamil Nadu, INDIA.

### PRACTITIONER ADVISORS



**Mr. Pasupula Suresh K Gupta, M.ASCE**  
 Lead Engineer – Geotechnical, JACOBS (India) Pvt. Ltd.,  
 i labs Centre, Plot-18, Block-8C,  
 Software Units Layout,  
 Madhapur, Hyderabad – 500081,  
 Telangana, INDIA.

## OFFICE BERAERS OF STUDENT CHAPTER - 2018



**Mr. Akki Venkata Vinay Kumar Reddy**  
*President*



**Mr. Chinna Mandapagari Prakash**  
*Vice President*



**Ms. Ganjikunta Kavya Bharathi**  
*Recording Secretary*



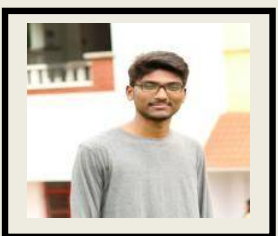
**Ms. Jakkula Sevitha**  
*Corresponding Secretary*



**Mr. Challem Ramakrishna Reddy**  
*Treasurer*

**President:** Mr. Akkivenkata Vinay Kumar Reddy, IV B.Tech. CE, [akkivinaykumarreddy@gmail.com](mailto:akkivinaykumarreddy@gmail.com)  
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**Corresponding Secretary:** Ms. Jakkula Sevitha, IV B.Tech. CE, [sevitha16@gmail.com](mailto:sevitha16@gmail.com)  
**Treasurer:** Mr. Challem Ramakrishna Reddy, IV B.Tech. CE, [krishna209@gmail.com](mailto:krishna209@gmail.com)

## CHAIR PERSONS – Standing Committees - 2018



**Mr. N Venkata Siva Krishna Reddy**  
 Chair Person  
*Social Activities Committee*



**Mr. Palipi Mahesh Babu**  
 Chair Person  
*Membership Committee*



**Mr. Chirangi Vishnu Charan**  
 Chair Person  
*Publicity Committee*



**Mr. Y. Ajay Kumar Reddy**  
 Chair Person  
*Fund Raising Committee*



**Ms. Chinthala Venkata Swapna**  
 Chair Person  
*Community Committee*

**Social Activities Committee:** Mr. Nagireddy Venkata Siva Krishna Reddy, IV B.Tech. CE, [siva11496@gmail.com](mailto:siva11496@gmail.com)  
**Membership Committee:** Mr. Palipi Mahesh Babu, IV B.Tech. CE, [palipimaheshbabu@gmail.com](mailto:palipimaheshbabu@gmail.com)  
**Publicity Committee:** Mr. Chirangi Vishnu Charan, IV B.Tech. CE, [charankrishnan74@gmail.com](mailto:charankrishnan74@gmail.com)  
**Fund Raising Committee:** Mr. Y Ajay Kumar Reddy, IV B.Tech. CE, [yamaajaykumarreddy@gmail.com](mailto:yamaajaykumarreddy@gmail.com)  
**Community Service Committee:** Ms. Chinthala Venkata Swapna, IV B.Tech. CE, [soppucv@gmail.com](mailto:soppucv@gmail.com)

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