



# **ASCE Sree Vidyanikethan Engineering College (ASCE SVEC) Student Chapter**

One Year Period of Events

**January 2022 to December 2022**

# Contact Information

- *ASCE SVEC Student Chapter*  
Department of Civil Engineering,  
Sree Vidyanikethan Engineering College,  
Sree Sainath Nagar, A. Rangampet, Tirupati – 517 102,  
Andhra Pradesh, INDIA.
- *Email Addresses*
  - ✓ [orekantieswar@gmail.com](mailto:orekantieswar@gmail.com)
  - ✓ [dv.purushotham@gmail.com](mailto:dv.purushotham@gmail.com)
  - ✓ [asce@vidyanikethan.edu](mailto:asce@vidyanikethan.edu)
- *Website, Facebook, Newsletter, etc. Addresses*
  - ✓ <https://www.svec.education/department/civil-engineering/#professional-chapters>
  - ✓ <http://www.mbu.asia/>
  - ✓ <https://www.facebook.com/SreeVidyanikethanEngineeringCollegeOfficial>
  - ✓ <https://www.instagram.com/sreevidyanikethanenggcollege/>

# Student Officers - 2022

## ❑ President:

**Mr. Nakkala Devendra,**  
IV B.Tech. CE,  
[ndevendra860@gmail.com](mailto:ndevendra860@gmail.com)



## ❑ Vice President:

**Mr. Nadavala Pavankumar**  
IV B.Tech  
[pavannadavala@gmail.com](mailto:pavannadavala@gmail.com)



## ❑ Recording Secretary:

**Ms. Yarasani Yathiswari**  
IV B.Tech. CE,  
[yathishwariyarasani9032@gmail.com](mailto:yathishwariyarasani9032@gmail.com)



## ❑ Corresponding Secretary:

**Ms. Ginkala Harshitha Reddy,**  
IV B.Tech. CE,  
[g.harshithareddy2002@gmail.com](mailto:g.harshithareddy2002@gmail.com)



## ❑ Treasurer:

**Ms. Endla Nagasai Meghana,**  
IV B.Tech.CE,  
[meghanaendla12@gmail.com](mailto:meghanaendla12@gmail.com)



**ASCE**  
STUDENT CHAPTER  
Sree Vidyanikethan  
Engineering College

# Chairpersons of Standing Committees -2022

## ❑ Activities Committee - Chair Person:

**Mr. Surathoti Pavan Kumar,**  
IV B.Tech. CE

[pawankumarsurathoti2404@gmail.Com](mailto:pawankumarsurathoti2404@gmail.Com)



## ❑ Fund Raising Committee - Chair Person:

**Mr. Jangam Chandra Sekharayya,**  
IV B.Tech. CE

[jangamsekharayya@gmail.Com](mailto:jangamsekharayya@gmail.Com)



## ❑ Publicity Committee - Chair Person:

**Ms. Thimmapuram Ramya Sree,**  
IV B.Tech. CE

[ramyasree6622@gmail.Com](mailto:ramyasree6622@gmail.Com)



## ❑ Membership Committee - Chair Person:

**Ms. O Monisha,**  
IV B.Tech. CE

[monishaamtri@gmail.Com](mailto:monishaamtri@gmail.Com)



## ❑ Meeting Committee - Chair Person:

**Mr. Ponnala Purushotham**  
IV B.Tech. CE

[shopurshotham@gmail.Com](mailto:shopurshotham@gmail.Com)



**ASCE**  
STUDENT CHAPTER  
Sree Vidyanikethan  
Engineering College



# Student Officers - 2023

## ❑ President:

**Ms. Boya Sravani ,**  
III B.Tech. CE,  
[boyasravani1211@gmail.Com](mailto:boyasravani1211@gmail.Com)



## ❑ Vice President:

**Mr. Karempudi Ajaykumar ,**  
III B.Tech. CE  
[karempudiajaykumar9951gmail..Com](mailto:karempudiajaykumar9951gmail..Com)



## ❑ Recording Secretary:

**Ms. Rajeswari Devakunta,**  
III B.Tech. CE,  
[rajidevakunta73@gmail.Com](mailto:rajidevakunta73@gmail.Com)



## ❑ Corresponding Secretary:

**Ms. Bandi Sai Harshitha,**  
III B.Tech. CE,  
[bandisaiharshitha@gmail.Com](mailto:bandisaiharshitha@gmail.Com)



## ❑ Treasurer:

**Mr. Mayakuntla Sai Sandeep**  
III B.Tech.CE,  
[saisandeep7019834696@gmail.Com](mailto:saisandeep7019834696@gmail.Com)



**ASCE**  
STUDENT CHAPTER  
Sree Vidyanikethan  
Engineering College

# Chairpersons of Standing Committees -2023

## ❑ Activities Committee - Chair Person:

**Ms. Kalatthuru Lalitha**

III B.Tech. CE

[klalitha2708@gmail.Com](mailto:klalitha2708@gmail.Com)



## ❑ Fund Raising Committee - Chair Person

**Mr. Gujjala Krishna Narasimha**

III B.Tech. CE

[gujjalakrishna143@gmail.Com](mailto:gujjalakrishna143@gmail.Com)



## ❑ Publicity Committee - Chair Person:

**Ms. Madarapu Venkata Sai  
Srutha Sree**

III B.Tech. CE

[sruthasree2003@gmail.Com](mailto:sruthasree2003@gmail.Com)



## ❑ Membership Committee - Chair Person:

**Mr. Kathulapalli Vinay Kumar  
Reddy**

III B.Tech. CE

[vinaykumarreddy551@gmail.Com](mailto:vinaykumarreddy551@gmail.Com)



## ❑ Meeting Committee - Chair Person:

**Ms. Pola Nagaveni**

III B.Tech. CE

[polanagaveni69@gmail.Com](mailto:polanagaveni69@gmail.Com)



# ASCE

**STUDENT CHAPTER**

**Sree Vidyanikethan  
Engineering College**

# Advisors

	Advisors	Name	Email address	Phone	ASCE Membership Number
Current	Faculty Advisor-1	Dr. O. Eswara Reddy	<a href="mailto:orekantieswar@gmail.com">orekantieswar@gmail.com</a>	9966652266	10958148
	Faculty Advisor-2	Mr. D. V. Purushotham	<a href="mailto:dv.purushotham@gmail.com">dv.purushotham@gmail.com</a>	9885383914	11929682
	Practitioner Advisor 1	Dr. Rama Raju, Kunadharaju	kraraju@serc.res.in, ramaraju1960@gmail.com	9444921098	396396
	Practitioner Advisor 2	Pasupula Suresh K Gupta	sureshgupth@gmail.com, suresh.gupta@ch2m.com	9676706947	10961139

## □ Faculty Advisor-1:

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



## □ Faculty Advisor-2:

**Mr. D. V. Purushotham, M.E. (Structural Engg.)**  
**Aff.M.ASCE**  
 Assistant Professor,  
 Department of Civil Engineering,  
 Sree Vidyanikethan Engineering College (Autonomous),  
 Sree Sainath Nagar, A. Rangampet - 517 102,  
 Tirupati, Chittoor Dist., A.P., INDIA.



# Advisors

## ❑ *Practitioner Advisor-1:*

**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 Advisor-2:*

**Mr. Pasupula Suresh K Gupta, M.ASCE**

TGE Sr. Lead for India and Manila,

Jacobs, India.





# Financial Summary

- Dues Structure (*\$37.5/year*)
- As on December 31, 2022
  - Total income: INR. 119400
  - Total expenditure: INR 36,912
  - Cash balance: INR 82,488
  - Accounts receivable: None
  - Accounts payable: None

## 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.

# 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.*
- *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: Action Plan, Target and Results

Goals and Objectives	Action Plan	Target	Actual Result
Majority of students in the Department of Civil Engineering are members of, and engage in, ASCE SVEC Student Chapter.	Motivating all civil engineering students through the membership committee of ASCE SVEC Student Chapter	All Seniors, Juniors, Sophomores and Freshmen students of Civil Engineering	100% of students are members of ASCE SVEC and ASCE
Promoting cooperation among the Practicing Engineers and Students for the advancement and dissemination of knowledge in the field of Civil Engineering	Conducting various Guest Lectures/Expert Lectures in different domains of civil engineering for the benefit of students in	All Seniors, Juniors and Sophomores students of Civil Engineering	<b>01 No. of Guest Lecture</b> , and <b>03 Ethics topics</b> were conducted and interaction of students with the experts was fruitful for gaining knowledge
Development of new skill sets in the field of civil engineering	Adopting the new skill development programs for students	All Seniors, Juniors and Sophomores students of Civil Engineering	Poster presentation on IOT in Civil Engineering program was organized and students got enriched with the new skill sets.
Develop leadership skills and public relationship skills among the students to produce future leaders of civil engineering.	Conducting the events leading to the development of leadership skills and public relationship skills among the students	All Seniors, Juniors and Sophomores students of Civil Engineering	Internships and Special projects was organized and students got benefited from the program.



# Goals: Action Plan, Target and Results

Goals and Objectives	Action Plan	Target	Actual Result
Expose student members to the real-life challenges of civil engineering	Organizing field visits/site visits to expose students to real time problems and construction practices in civil engineering	All Seniors, Juniors and Sophomores students of Civil Engineering	<b>05 Field visits</b> were conducted and students got exposed to the field problems and construction practices.
Exploring the possibilities of industry internships and placements for students	Exploring possibilities of industry internships and placements for students	All Seniors, Juniors and Sophomores students of Civil Engineering	<b>151 No. of students members</b> were sent to industry internships in various civil engineering companies in India and students got enriched with latest civil engineering practices and work culture
Reach out to the community through service projects/outreach activities.	Organizing the service project/outreach activity/special project in nearby villages	Seniors, Juniors, Sophomores and Freshmen students of Civil Engineering	<b>Outreach Activity</b> - An Awareness Programme on “Rainwater Harvesting” at Bandarlappalli (V), Chandragiri Mandal, Tirupati District, A.P, India and other <b>Three Special Project</b> conducted for the benefit of community. Students got nurtured how to give back to the society.

# Membership Statistics

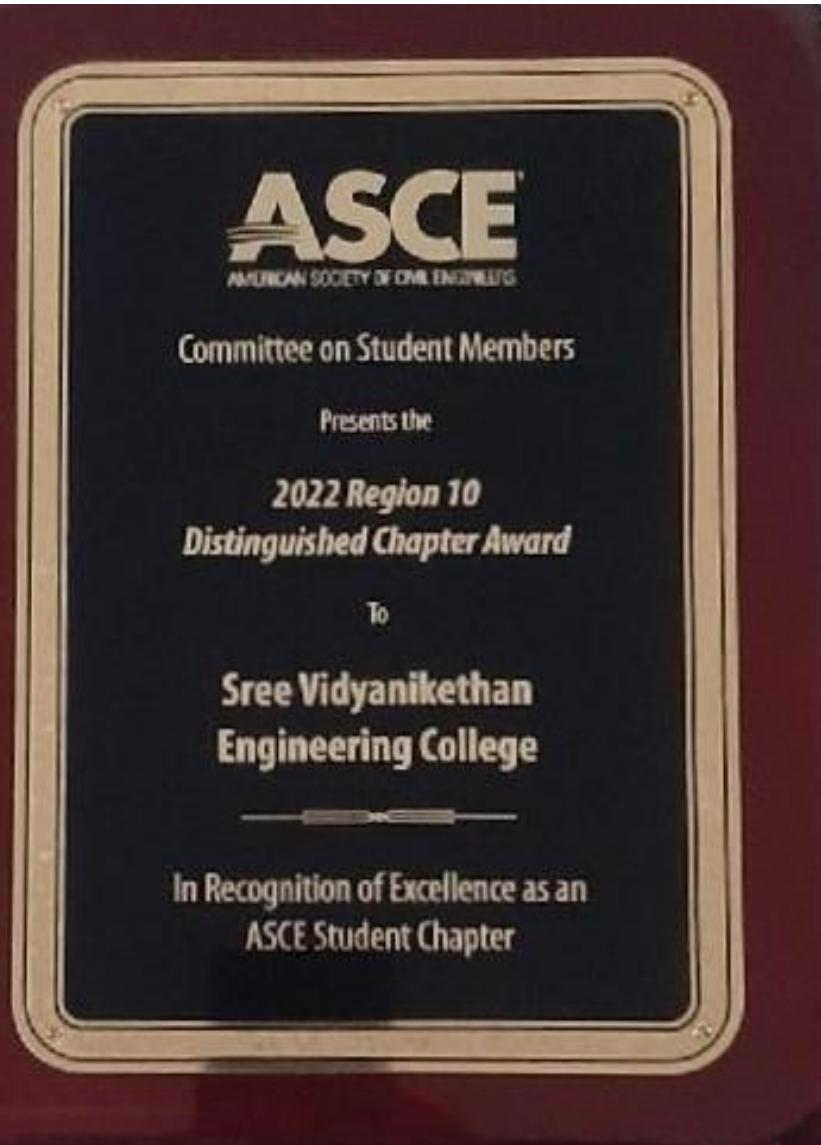
- 509 Members
- 509 ASCE National Society-level members
  - Seniors: 114
  - Juniors: 141
  - Sophomores: 132
  - Freshmen: 122

# Meeting Statistics

- 05 professional meetings with an invited speaker
- 04 meetings with student presentations and/or paper(s) presented
- 03 professional licensure meetings and/or ethics topics presented
- 05 field trips
- 02 social functions
- 02 that attended Section/Branch meetings

# Chapter Recognition:

## 2022 Region 10 Distinguished Chapter Award





# Chapter Recognition:

## 2022 Certificate of commendation



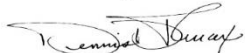
This is to certify that

**Sree Vidyanikethan  
Engineering College**


Has been awarded a

### 2022 Certificate of Commendation

In Recognition by the Committee on Student Members as an  
Outstanding Student Chapter of the American Society of Civil Engineers

  
Dennis D. Truax, Ph.D., P.E., DEE, D.WRE, F.ASCE  
ASCE President 2022



  
Thomas W. Smith III, ENV SP, CAE, F.ASCE  
ASCE Executive Director




This is to certify that

**Sree Vidyanikethan Engineering College**


Has been awarded a

### 2021 Certificate of Commendation

In Recognition by the Committee on Student Members as an  
Outstanding Student Chapter of the American Society of Civil Engineers

  
Thomas W. Smith III, ENV SP, CAE, F.ASCE  
ASCE EXECUTIVE DIRECTOR



  
Jean-Louis Briand, Ph.D., P.E., D.GE., Dist.M.ASCE  
2021 ASCE PRESIDENT






# Chapter Recognition: 2022 Recognition Certificates




The Committee on Student Members

Recognizes Faculty Advisor:

**Eswara Reddy Orekanti, Ph.D., M.ASCE**  
for Outstanding Dedication and Commitment to the  
**Sree Vidyanikethan Engineering College**  
**ASCE Student Chapter**

  
James M. Thompson, Ph.D., P.E., M.ASCE  
Chair, Committee on Student Members



  
Jean-Louis Briaud, Ph.D., P.E., D.GE, Dist.M.ASCE  
ASCE President 2021



## FACULTY ADVISOR:

**Dr. O. ESWARA REDDY,**

**M.Tech. (Geotechnical Eng.), Ph.D.**

FIE, FIGS, M.ASCE, MISSMGE, MIRC, MISTE, MISRMTT, MIGS, MISCA, CEng (India)

Professor and Chairman-BOS,

Department of Civil Engineering,

Former Vice Principal, 2<sup>nd</sup> Shift Polytechnic.

Sree Vidyanikethan Engineering College (Autonomous),

Tirupati - 517 102.




Along with the Committee on Student Members

Recognizes

**Susmitha Akki, Aff.M.ASCE**  
As a Model of Student Leadership for  
**Sree Vidyanikethan Engineering College**  
**ASCE Student Chapter**

  
Dennis D. Truax, Ph.D., P.E., BCEE, D.WRE, F.ASCE  
ASCE President 2022



  
Michael D. Pniewski, P.E., P.S., F.ASCE  
Chair, Committee on Student Members



**2021 President: Ms. A. Susmitha**  
IV B.Tech. CE

# Assembly: Appreciation of ASCE SVEC Office Bearers 2021



*Dr. O. Eswara Reddy, Professor and BOS Chairman, and Faculty Advisor - ASCE SVEC Student Chapter, Department of Civil Engineering, SVEC appreciated the Co-ordinator and Office Bearers of ASCE SVEC Student Chapter 2021 on **01-06-2022***



# Assembly: Collaboration With Other Student Organizations: “Virtual ASCE Student Symposium 2022”

- The American Society of Civil Engineers represents more than 150,000 members of the civil engineering profession in 177 countries. 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 third time that India is privileged to be a part of these extravagant events by organizing this student symposium at Punjab Engineering College, Chandigarh.
- ASCE PEC Student Chapter is back with its annual civil engineering fest, now as Virtual “ASCE Student Symposium 2022”, one of the liveliest events ever in the field of Civil Engineering. ASCE National Student Virtual Symposium will facilitate the development and integration of technology into civil engineering field that will improve the standard of service for the benefit of the industry and uphold the education, competence and practice.
- From Department of Civil Engineering of Sree Vidyanikethan Engineering College, 06 No. of Student Members of ASCE SVEC Student Chapter from III B.Tech. & IV B.Tech II Semester CE have participated in many events and secured various prizes in ASCE Student Symposium 2022 during 25-03-2022 to 27-03-2022 under ASCE PEC Student Chapter at Punjab Engineering College, Chandigarh
- 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 congratulated the students for their active participation in the ASCE Student Symposium 2022.



# ASCE

## ASCE STUDENT SYMPOSIUM 2022

PUNJAB ENGINEERING COLLEGE,  
CHANDIGARH.

DR. D.Y. PATIL INSTITUTE OF  
TECHNOLOGY, PIMPRI,  
PUNE.

UNIVERSITY OF PETROLEUM  
AND ENERGY STUDIES,  
DEHRADUN.

MARCH 25<sup>th</sup>-27<sup>th</sup>, 2022

 UPES

 PEC  
EXPLORE INNOVATE EXCEL

 DPU

# Chapter Recognition

## ASCE Student Symposium 2022 Fourth Position in Paper Presentation Competition

Sl.No.	Name(s) of Student(s)	Title of the paper	Dates and Place	Prize
1	Mr. N. Devendra	Role of BIM in civil engineering for the future	25-03-2022 and Paper Presentation –Role of BIM in civil engineering, ASCE Student Symposium 2022, ASCE PEC Student Chapter, Punjab Engineering college, Punjab, India	4



# Assembly: Guest Lecture on “Significance of Geotechnical Investigations in Infrastructure Projects”



- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Expert Lecture on “Significance of Geotechnical Investigations in Infrastructure Projects” for B.Tech. CE Students under ASCE SVEC Student Chapter 27<sup>th</sup> October 2022. .*
- The resource person was an eminent personality from the academia, Prof. Neelima Satyam, Professor, Department of Civil Engineering, Indian Institute of Technology Indore, Indore, Madhya Pradesh, India.*
- She explained the ideas and experiences in Geotechnical investigations required for infrastructure projects and their importance.*
- A total of 350 students from II, III and IV B.Tech. Civil Engineering I Semester and 15 faculty members from the host department were participated in the session.*
- In addition, Prof. Neelima Satyam interacted with the Student Office Bearers of ASCE SVEC Student Chapter and faculty of civil engineering and gave suggestions for student chapter and on teaching and research frontiers for faculty. She appreciated the efforts of management, faculty and staff.*



# Assembly: Lecture on

## “Dr. K. L . Rao - Father of India's Water Management and Agriculture”

- *The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Lecture on “Dr. K. L . Rao - Father of India's Water Management and Agriculture” for B.Tech. CE Students under ASCE SVEC Student Chapter on **15<sup>th</sup> September 2022.***
- *The objective of the program is to share the autobiography of Dr. K. L . Rao to the students for inspiration.*
- ***Dr. O. Eswara Reddy**, Faculty Advisor - ASCE SVEC Student Chapter, Professor and Chairman - BOS, Department of Civil Engineering, SVEC delivered a Lecture on “Dr. K. L . Rao - Father of India's Water Management and Agriculture” as a part of the Engineers Day celebrations. He explained the complete auto biography of Dr. K. L . Rao and his major contributions and innovative ideas to the nation and the world.*
- *A total of **80 students** from IV B.Tech. Civil Engineering I Semester from the department were participated in the session.*

**SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)** **ASCE**  
(Affiliated to JNTUA Anaparthi, Approved by AICTE, Accredited by NBA, NAAC with 'A' Grade)  
STUDENT CHAPTERS Sree Vidyanikethan Engineering College

**Engineers' Day Celebrations**

**Lecture on**  
**“Dr. K. L . Rao - Father of India's Water Management and Agriculture”**  
by  
**Dr. O. ESWARA REDDY**  
Faculty Advisor of ASCE SVEC Student Chapter  
Professor and Chairman-BOS

**Sept 15, 2022 @ 3:30 pm**

**Organized by**  
**ASCE SVEC Student Chapter**  
Department of Civil Engineering, SVEC



# Assembly: Orientation Program for Freshers



- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Lecture on **“Significance and Applications of Civil Engineering to Society and Industry”** for I B.Tech. CE and II B.Tech CE Lateral Entry Students under ASCE SVEC Student Chapter on **11<sup>th</sup> October 2022**.
- A total of **19 students** from I B.Tech. Civil Engineering I Semester and II B.Tech CE Lateral Entry Students from the host institution were participated in the session.
- **Dr. O. Eswara Reddy**, Faculty Advisor - ASCE SVEC Student Chapter, Professor and Chairman - BOS, Department of Civil Engineering, SVEC delivered a Lecture on **“Significance and Applications of Civil Engineering to Society and Industry”** as a part of the Orientation Program for Freshers.
- Mr. D. V. Purushotham, Assistant Professor and Coordinator and Faculty Advisor-ASCE SVEC discussed the importance of ASCE SVEC Student Chapter. Office bearers of ASCE SVEC Student Chapter were the organizers of the program



# Assembly: Poster Presentation on “IOT in Civil Engineering”



- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Online Poster Presentation on “Civil Engineering Infrastructure for the Development of Smart Cities” under ASCE SVEC Student Chapter on **28<sup>th</sup> May 2022**. The objective of the program is to motive and nurture the Poster Presentation skills and impart knowledge on IOT in Civil Engineering.

- A total of 14 students from I, II, and III B.Tech. Civil Engineering II Semester has participated in the event. The whole event was conducted with great zeal and enthusiasm.

- Dr. O. Eswara Reddy, Professor and BOS Chairman, and Faculty Advisor - ASCE SVEC Student Chapter, Department of Civil Engineering, SVEC and Convener of the event addressed the gathering and motivated the participants;

- Mr. D. V. Purushotham, Assistant Professor, Coordinator-ASCE SVEC Student Chapter and Coordinator of the event are judged the participants on different criteria such as knowledge, presentation, demonstration, creativity and content. Office barriers of ASCE SVEC Student Chapter were the organizers of this program.

- The **First Prize** to **Mr. Santa Kiransai** of III B. Tech. CE-B; **Second Prize** to **Mr. Aragonda Yugandhar** of III B. Tech. CE-B and **Third Prize** to **Mr. G. Vinod Yadav** and **Ms. Ketharapu Sravani** were awarded in poster presentation on “IOT in Civil Engineering”. Participation certificates were distributed to all the participants.



# Industrial Visit to "AP State Disaster Response and Fire Services Department, Tirupati

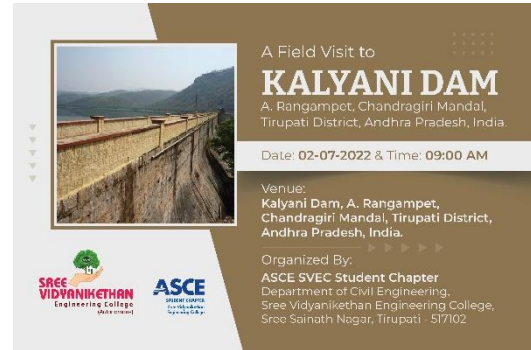


- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an **Industrial Visit to "AP State Disaster Response and Fire Services Department, Tirupati"** on **07<sup>th</sup> May 2022** from 10.00 A.M to 01.00 P.M for the benefit of **III B.Tech. II Semester Civil Engineering (A & B-Sections)** students.
- The objective of the program is to impart the practical knowledge on the disaster response and fire services which is important for civil engineers to understand. This program is helpful for the students to understand the technicalities of this visit and making them aware of the advancements in disaster response and fire services therein.
- A total of **34 students** from **III B.Tech. II Semester Civil Engineering (A & B-Sections)**, Department of Civil Engineering, Sree Vidyanikethan Engineering College has participated in the industrial visit along with faculty. Dr. O. Eswara Reddy, Professor, BOS Chairman, and Faculty Advisor - ASCE SVEC Student Chapter, and Convener of the event; Mr. D. V. Purushotham, Assistant Professor, Coordinator - ASCE SVEC Student Chapter; and Mr. M. S. Yuvaraj, Assistant Professor, SVEC were part of the event. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.
- Mr. B. Sam Prakash, Assistant Station Fire Officer, Tirupati Fire Station, Tirupati explained the introduction of fire, fire extinguishers, functions and maintenance of fire trucks, mobile fire trucks, operation of fire hoses and foam system, safety in fire rescue operations etc. to the students during the industrial visit.
- Finally, Mr. D. V. Purushotham and Mr. B. Sam Prakash interacted with the students to know their understanding about disaster response and fire services details during the industrial visit. The purpose of the industrial visit was fulfilled and all the participated students were benefited.



# Field Visit to "Kalyani Dam, A. Rangampet, Chandragiri Mandal, Tirupati District, Andhra Pradesh, India"

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an **Field Visit** to "**Kalyani Dam, A. Rangampet, Chandragiri Mandal, Tirupati District, Andhra Pradesh, India**" on **02<sup>nd</sup> July 2022** from 10.00 A.M to 01.00 P.M for the benefit of **II B.Tech. II Semester Civil Engineering (A & B-Sections)** students.
- The objective of the program is to impart the practical knowledge on the Kalyani dam which is important for civil engineers to understand.
- A total of **60 students** from **II B.Tech. II Semester Civil Engineering (A & B-Sections)** and **04 Faculty**, Department of Civil Engineering, Sree Vidyanikethan Engineering College has participated in the field visit along with faculty.
- All the faculty members have explained the type of dam, construction details, hydrology details, reservoir capacity, spill way types, Intake tower and benefits of the dam to the students during the field visit.
- Finally, Mr. D. V. Purushotham interacted with the students to know their understanding about details of dam 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, Professor, BOS Chairman and Faculty Advisor-ASCE SVEC Student Chapter appreciated the team on visiting the dam.





# Industrial Visit to “ISRO Satish Dhawan Space Centre SHAR, Sriharikota, Andhra Pradesh, India”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an **Industrial Visit** to “**ISRO Satish Dhawan Space Centre SHAR, Sriharikota, Andhra Pradesh, India**” on **10<sup>th</sup> November 2022** from 10.00 A.M to 05.00 P.M for the benefit of **IV B.Tech. I Semester Civil Engineering (A & B-Sections)** students.
- The objective of the program is to impart the practical knowledge on the remote sensing and GIS which is important for civil engineers to understand.
- A total of **54 students** from IV B.Tech. I Semester Civil Engineering (A & B-Sections) and **03 Faculty** Department of Civil Engineering, Sree Vidyanikethan Engineering College has participated in the industrial visit along with faculty. Mr. D. V. Purushotham, Assistant Professor and Faculty Advisor - ASCE SVEC Student Chapter; Mr. M. S. Yuvaraj and Mr. Shaik Nurulla, Assistant Professor, SVEC were part of the event. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.
- Mrs. M.V.G. Prasunamba, Administrative Officer, SDSC SHAR explained the introduction, functions and maintenance of about space centre to the students during the industrial visit.
- Finally, Mr. D. V. Purushotham and Mrs. M.V.G. Prasunamba interacted with the students to know their understanding about SDSC SHAR space centre details during the industrial visit. The purpose of the industrial visit was fulfilled and all the participated students were benefited.





# Assembly: Social Gatherings



- Social Gathering of Faculty Advisor, Coordinator and Office Bearers on **01-06-2022.**



# Assembly: Social Gatherings

- Social Gathering of Faculty Advisor, Coordinator and Office Bearers on 10-11-2022.



# Assembly: Industry Internships to Students

S.NO.	Description	Duration	No. of Students
1	Internship for ASCE Members of IV B.Tech. CE in Industry during Major Project Work	11-07-2022 to 30-11-2022	<b>151</b>

## Assembly: Student Officer Planning and Other Meetings

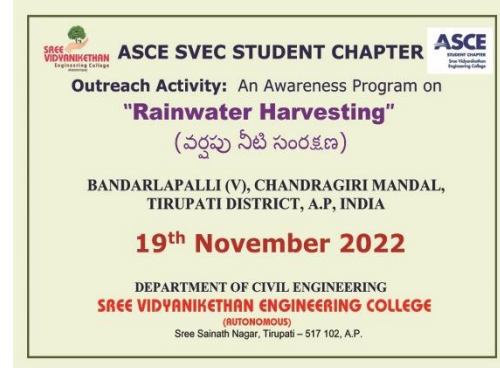
- Student Officer Planning Meeting on 01.01.2022
- Business Meeting at “ASCE Student Symposium 2022” in ASCE PEC Student Chapter (Online) on 25.03.2022
- General Meeting of Student Officers, Faculty Advisor, Coordinator and Head of the Department on 10.04.2022
- Student Officer Planning Meeting on 01.05.2022
- Student Officer Planning Meeting on 01.06.2022
- Student Officer Planning Meeting on 31.07.2022
- Student Officer Planning Meeting on 14.08.2022
- Professional Meeting with Invited Speaker on 27.10.2022
- Professional Meeting with Invited Speaker (Online) on 29.11.2022
- Professional Meeting with Invited Speaker (Online) on 16.12.2022
- Student Officer Planning Meeting on 31.12.2022



# Special Project: Outreach Activity

## A Visit to “Bandarlapalli Aganwadi Centre & Pre-Primary School” at Bandarlapalli (V), Chandragiri Mandal, Tirupati District, A.P, INDIA

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an **Outreach Activity** – An Awareness Program on “**Rainwater Harvesting**” at Bandarlapalli (V), Chandragiri Mandal, Tirupati District, A.P, India under **ASCE Sree Vidyanikethan Engineering College (ASCE SVEC) Student Chapter** on 19<sup>th</sup> November 2022 i.e., 10.00 A.M to 12.00 P.M. The objective of the program is to motivate, create awareness and impart knowledge on Rainwater Harvesting to the Public or Community.
- 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; Mr. D. V. Purushotham, Assistant Professor and Faculty Advisor-ASCE SVEC Student Chapter and Coordinator of the Program graced the occasion. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.



# Special Project: Outreach Activity A Visit to “Bandarlapalli Aganwadi Centre & Pre-Primary School” at Bandarlapalli (V), Chandragiri Mandal, Tirupati District, A.P, INDIA

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Outreach Activity – An Awareness Program on “Bandarlapalli Aganwadi Centre & Pre-Primary School” at Bandarlapalli (V), Chandragiri Mandal, Tirupati District, A.P, India under ASCE Sree Vidyanikethan Engineering College (ASCE SVEC) Student Chapter on 19th November 2022 i.e., 12.00 P.M to 01.00 P.M. The objective of the program is to motivate and create awareness to the school children.*
- 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; Mr. D. V. Purushotham, Assistant Professor and Faculty Advisor-ASCE SVEC Student Chapter and Coordinator of the Program graced the occasion. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.*
- 02 No. of Faculty Members and 15 No. of Students including ASCE SVEC Student Chapter Office Bearers of Civil Engineering Department were actively participated in the program. Students explained the importance of education and motivated about the carrer; also helped to serve food distribution to the school children. Further, the school children interacted with all the students and enjoyed the time.*





# Special Project: RAINWATER HARVESTING SYSTEM AT BANDARLAPALLI ANGANAWADI CENTRE IN CHANDRAGIRI MANDAL, ANDHRA PRADESH, INDIA

- The main characteristic of Social Project is the quest towards answering questions that society asks or to solve problems through engineering applications. Civil Engineers have social responsibility to properly maintain and adapt structures that we depend in our life and are also involved in making sure the infrastructure is adapted to meet population growth and climate change challenges.*
- In this context, this study was aimed at designing a rooftop rainwater harvesting structure for the school building i.e., Anganawadi Centre, located in Andhra Pradesh state of India. The present study focuses at Bandarlappalli Village to design rainwater harvesting tank to store rain water so as to achieve the school people needs such as drinking and domestic purposes. Most of the rainwater goes as runoff as the soils are clayey in nature and having concrete pavements. The school was selected on the basis that it didn't have any source of drinking water currently. The program seeks to provide each student with 1.50 litres of drinking water through harvesting rainwater from rooftops of the school. The construction component of the program was implemented successfully.*



# Special project: ROOF RAINWATER HARVESTING AT BANDARLAPALLI PRE-PRIMARY SCHOOL

- A Study was planned in pre-primary school at Bandarlapalli to design a rain water harvesting through the building. the harvest ground water aquifers will improve or maintain the groundwater quality of wells. Now a days good quality water is a rare availability.
- Most of the rain water goes to runoff soils that leads to heavy black with infiltration rates. The main objective of this study is to install the percolation pit where the runoff is very high and where the clogging happens.
- All the rain water on the top building slab are driven to these pit so as to collect the rain water effectively. The depth of the pits may vary depending upon the type of the soil. Based on our study, cohesive red soils are present.
- The more water is clogging at downstream areas resulting water pollution and mosquito breeding causes many diseases. So as to overcome this clogging the rain water harvesting pits are going to install. we are going to design pit of dimensions in 1m in diameter and 1m depth and filled with uniformly graded pebbles up to 0.5 from the bottom of the pit and remaining 0.5m filled with sand at the top of the pit. So, our main aim of this project is to improve the quantity of ground water.





# Summary and Questions

- *What were the most significant events of the year?*
  - *Surveying Competition – ASCE India Region Student Virtual Conference 2021 @ ASCE PEC Student Chapter, India.*
  - *Online Guest Lectures & Expert Lectures*
  - *Online Poster and Seminar Presentations*
  - *Field Trips, Virtual Social Gatherings and*
  - *Community Service etc.,*
- *What were the most significant challenges?*
  - *Attending and Winning the competitions in ASCE Student Symposium 2022 @ ASCE PEC Student Chapter, India.*
  - *Community Service during COVID.*
  - *Organizing Online Events*
- *Future plans*
  - *Planning to conduct the Students National Workshop for other student Chapters*