



ASCE Sree Vidyanikethan Engineering College (SVEC) Student Chapter

One Year Period of Events

January 2020 to December 2020

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
 - ✓ asce@vidyanikethan.edu
- *Website, Facebook, Newsletter, etc. Addresses*
 - ✓ <http://demo.svec.education/department/civil-engineering/#professional-chapters>
 - ✓ <https://svec.education/asce-svec-student-chapter>

Student Officers - 2020

- **President:** Mr. B. Manoj Kumar, IV B.Tech. CE,
manoj90003@gmail.com
- **Vice President:** Ms. P. Sruthi, IV B.Tech. CE,
sruthivn68@gmail.com
- **Recording Secretary:** Mr. M. Manoj Kumar, IV B.Tech. CE,
manojskuatp@gmail.com
- **Corresponding Secretary:** Ms. D. Yasaswini, IV B.Tech. CE,
chinnubabi68@gmail.com
- **Treasurer:** -Mr. N. Rajesh, IV B.Tech. CE
nendreumbakamrajesh@gmail.com

Chairpersons of Standing Committees -2020

- **Activities Committee:** Mr. B. Abhinay, IV B.Tech. CE,
abhinaysingh88012@gmail.com
- **Fund raising Committee :** Mr. K. Mohan Krishna, IV B.Tech. CE,
miraclemohan07@gmail.com
- **Publicity Committee:** Ms. M. Arunakumari, IV B.Tech. CE
arunakumari.m28@gmail.com
- **Member ship committee:** Mr. K. Jageeswar Reddy, IV B.Tech. CE,
karnatijagadeesh123@gmail.com
- **Meeting Committee:** Ms. B. Hema Sree, IV B.Tech. CE,
buddypandu1425@gmail.com

Student Officers - 2021

- **President:** Ms. A. Susmitha, III B.Tech. CE,
akkisusmithareddy@gmail.com
- **Vice President:** Mr. Y. Venkata Vinod Reddy, III B.Tech. CE,
yerasi.edu@gmail.com
- **Recording Secretary:** Ms. A. Dhanusree, III B.Tech. CE,
dhanusreeavula@gmail.com
- **Corresponding Secretary:** Ms. E. Sravani, III B.Tech. CE,
pinkysravz5772@gmail.com
- **Treasurer:** Mr. T. Jyothish, III B.Tech. CE
jyothishjyo369@gmail.com

Advisors

		Name	Email address	Phone	ASCE membership number
Current	Faculty Advisor	Dr. O. Eswara Reddy	orekantieswar@gmail.com	9966652266	10958148
	Practitioner Advisor 1	Dr. Rama Raju, Kunadharaju	krāju@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:***

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, 2nd Shift Polytechnic
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, 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

Lead Engineer – Geotechnical,

JACOBS (India) Pvt. Ltd.,

iLabs Centre, Plot-18, Block-8C,

Software Units Layout,

Madhapur, Hyderabad – 500081, Telangana, INDIA.



Financial Summary

- Dues Structure (*\$37.5/year,*)
- As of December 31, 2020
 - Total income: INR. 29,000
 - Total expenditures: INR. 11,792
 - Cash balance: INR. 17,208
 - 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	90% 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	01 No. of Guest Lecture, 01 No. of Expert Lecture and 03 ethics topics 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	Seminar Presentation and Poster Presentation programs were 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	Structural Photography 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	05 Virtual Field visits 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	43 No. of students members 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	Outreach Activity i.e., An Awareness Program on “Safety Measures to Prevent COVID-19” at A. Rangampet, Chandragiri Mandal, Chittoor district, Andhra Pradesh, India was conducted as Special Project for the benefit of community. Students got nurtured how to give back to the society.

Membership Statistics

- 469 Members
- 469 ASCE National Society-level members
 - Seniors: 121
 - Juniors: 93
 - Sophomores: 114
 - Freshmen: 141

Meeting Statistics

- 06 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
- 03 that attended Section/Branch meetings

Assembly: Workshop for Student Chapter Leaders

Collaboration with Other Student Organizations: “ASCE Leadership Training Programme” in association with American Society of Civil Engineers Indian Section Southern Region

- *Leadership Training Programme is for the very first time that India has been privileged to be a part of thus extravagant event to hold this “ASCE Leadership Training Programme” at SRM University, Chennai by ASCE-India Section Southern Region.*
- *The programme was organized for the enrichment of the members of ASCE. The program is highlighted by the presence of the International President, ASCE, USA & other officials of ASCE, USA. Dr. Kancheepuram N. Gunalan, International President – ASCE, USA was the Chief Guest; The key note speakers are Mr. Tom Smith, Executive Director, ASCE, USA; Dr. Elias Boutros Sayah, Society Director, ASCE, USA.*
- *From Department of Civil Engineering of Sree Vidyanikethan Engineering College, 04 No. of Student Members from III B.Tech. II Semester CE and Faculty Advisor of ASCE SVEC Student Chapter have participated in ASCE Leadership Training Programme on 26-02-2020 in association with American Society of Civil Engineers, Indian Section Southern Region under ASCE SRM Institute of Science & Technology Student Chapter at SRM University, Chennai.*



Assembly: Collaboration with Other Student Organizations: “ASCE Indian Region Student conference 2020”

- *ASCE BIT Student Chapter is back with its annual civil engineering fest, now as “ASCE Indian Region Student Conference 2020”, one of the liveliest events ever in the field of Civil Engineering. ASCE National Student Conference 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, 08 No. of Student Members of ASCE SVEC Student Chapter from III B.Tech. and II B.Tech. II Semester CE have participated in many events and secured various prizes in the ASCE Indian Region Student Conference 2020 during 03-03-2020 to 06-03-2020 under ASCE BIT Student Chapter at Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu.*



Chapter Recognition

ASCE India Region Student Conference 2020: Surveying Competition



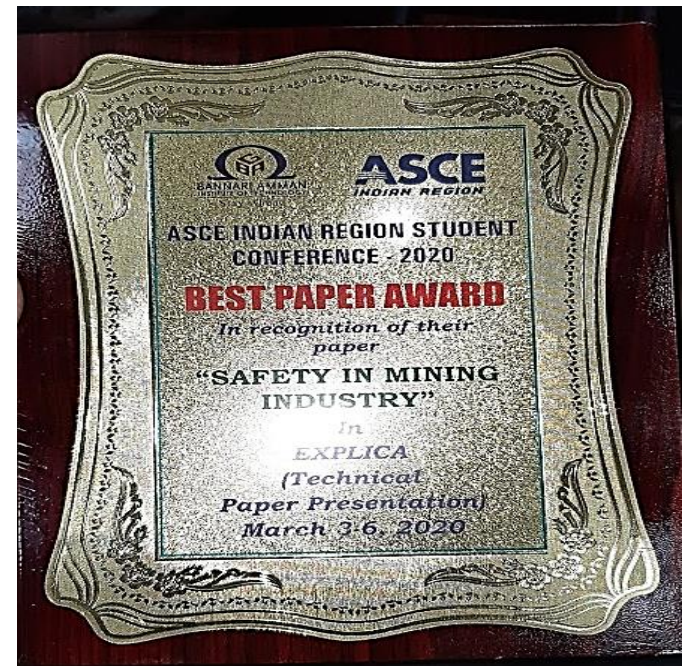
Sl. No.	Name(s) of Student(s)	Programme	Dates and Place	Prize
1	Mr. B. Manoj Kumar Mr. N. Rajesh Mr. K. Jagadeeswar Reddy Ms. R. Bhagya Lakshmi Ms. SwethaPriya G Ms. T. Manasa	Surveying Competition (ASCE League Event for ASCE International Competitions) ASCE India Region Student Conference 2020	04-03-2020 and ASCE BIT Student Chapter Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu	II



Chapter Recognition

ASCE India Region Student Conference 2020 Explica (Paper Presentation) Competition

Sl.No.	Name(s) of Student(s)	Title of the paper	Dates and Place	Prize
1	Mr. B. Manoj Kumar Mr. K. Mohan Krishna	IOT in Mining Industry	06-03-2020 and Explica (Paper Presentation)	I
2	Ms. R. Bhagya Lakshmi Mr. M. Manoj Kumar	Micro Seismic Monitoring	ASCE India Region Student Conference 2020, ASCE BIT Student Chapter, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu	III



Assembly: Expert Lecture on “Nanotechnology Enabled Water Filters: A Sustainable Way for Point-of-use Water Purification”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Expert Lecture on “Nanotechnology Enabled Water Filters: A Sustainable Way for Point-of-use Water Purification” for B.Tech. CE Students under ASCE SVEC Student Chapter on 15th October 2020 through Zoom Platform
- The resource person was an eminent personality from the academia, Dr. Shihabudheen M. Maliyekkal, Assistant Professor, Department of Civil and Environmental Engineering, IIT Tirupati, Tirupati.
- He explained the ideas and experiences in Environmental Engineering and their importance; knowledge on Nanotechnology Enabled Water Filters: A Sustainable Way for Point-of-use Water Purification.
- A total of 206 students from II, III and IV B.Tech. Civil Engineering I Semester and 18 faculty members from the host department were participated in the session.
- In addition, Dr. Shihabudheen M. Maliyekkal 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. He appreciated the efforts of management, faculty and staff.

Zoom meeting invitation for the expert lecture. The invitation is from Sree Vidyanikethan Engineering College (Autonomous) and is organized by the ASCE SVEC Student Chapter. The lecture is titled "Nanotechnology Enabled Water Filters: A Sustainable Way for Point-of-use Water Purification" and is presented by Dr. Shihabudheen M. Maliyekkal, Assistant Professor at IIT Tirupati. The lecture is scheduled for October 15, 2020, at 3:00 pm. The invitation includes a YouTube link, a Zoom link, and a list of organizers: Chief Patrons (Dr. H. Mahesh Babu, Chairman SVEC and Prof. V. Venkatesh Babu, Vice-Chancellor SVEC), Patron (Dr. P. C. KrishnaMurthy, Principal SVEC), Convener (Dr. G. Eswara Reddy, Head of Department of Civil Engineering), and Coordinator (M. S. V. Parasuram, ASCE SVEC Student Chapter). The Zoom link is <https://zoom.us/j/62703640498> and the Zoom ID is 627 036 40498.

Zoom meeting title slide. The slide features the Sree Vidyanikethan Engineering College logo and the ASCE Student Chapter logo. The title of the lecture is "NANOTECHNOLOGY ENABLED WATER FILTERS: A SUSTAINABLE WAY FOR POINT-OF-USE WATER PURIFICATION". The speaker is Dr. Shihabudheen M. Maliyekkal, Assistant Professor, Department of Civil Engineering, IIT Tirupati. The date is 15 Sep 2020. The slide also includes the IIT Tirupati logo and contact information for the speaker: Assistant Professor, Department of Civil Engineering, Tirupati, India, Email: shihab@iittp.ac.in, Tel: +91-877-2500369, <https://iittp.ac.in/dr-shihabudheen-m-maliyekkal>. There is a small image of a hand holding a glass of water.

Zoom meeting grid showing participants. The grid consists of three video windows. The top-left window shows Prof. Eswara Reddy G. The top-right window shows Shihab. The bottom window shows ASCE B.MANOJ KUMAR. The Zoom logo is visible in the bottom right corner of the grid.

Assembly: Guest Lecture on “Role of Foundation Technologies in the Infrastructure Development of India”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Expert Lecture on “Role of Foundation Technologies in the Infrastructure Development of India” for B.Tech. CE Students under ASCE SVEC Student Chapter on 31st, October 2020 through Zoom Platform.
- The resource person was an eminent personality from the industry, Dr. K.S. Rama Krishna, Senior Geotechnical Consultant, Chairman-DFI of India, Member- Board of Trustees DFI, USA.
- He explained the ideas and experiences in Construction Engineering and their importance; knowledge on Role of Foundation Technologies in the Infrastructure Development of India.
- A total of 138 students from II, III and IV B.Tech. Civil Engineering I Semester and 13 faculty members from the host department were participated in the session.
- In addition, Dr. K. S. Rama Krishna interacted with the Office bearers of ASCE SVEC Student Chapter and faculty of civil engineering and gave suggestions for student chapter, teaching and research frontiers for faculty.

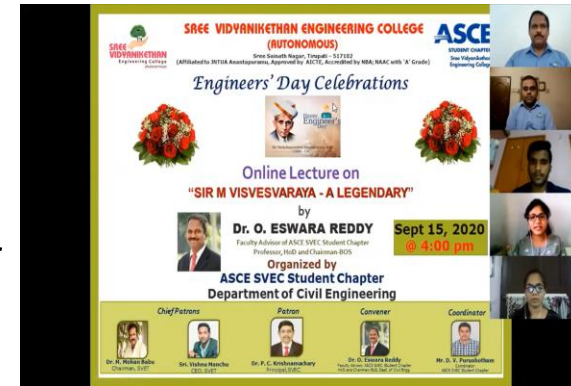
The banner features the logos of Sree Vidyanikethan Engineering College (Autonomous) and ASCE. It announces an online guest lecture on "Role of Foundation Technologies in the Infrastructure Development of India" by Dr. K.S. Rama Krishna, a Senior Geotechnical Consultant and Chairman of DFI of India. The event is scheduled for October 31, 2020, at 3:00 pm. It is organized by the ASCE SVEC Student Chapter, Department of Civil Engineering. The banner also lists the names and roles of the Chief Patrons, Patrons, and Conveners. A Zoom link and passcode (638 234 9773) are provided.

This banner is identical to the one above, providing the same details for the online guest lecture by Dr. K.S. Rama Krishna on October 31, 2020, at 3:00 pm.

A grid of six video thumbnails from a Zoom meeting. The participants are: Prof. Eswary Reddy (top left), ASCE S. Manoj Kumar (top middle), ASCE YASASWIDHARA (top right), ASCE Rama (bottom left), Dr. K. S. Ramakrishna (bottom middle), and ASCE Vidyanikethan (bottom right). The Zoom logo is visible in the bottom right corner.

Assembly: Online Lecture on “SIR M VISVESVARAYA - A LEGENDARY”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Online Lecture on “SIR M VISVESVARAYA - A LEGENDARY” for B.Tech. CE Students under ASCE SVEC Student Chapter on 15th September 2020.
- The objective of the program is to share the knowledge and experiences of about Bharat Ratna Sir M. Visvesvaraya to the students in the field of civil engineering.
- Dr. O. Eswara Reddy, Faculty Advisor - ASCE SVEC Student Chapter, Professor, HoD and Chairman - BOS, Department of Civil Engineering, SVEC delivered an online Lecture on “Sir M Visvesvaraya - A Legendary” as a part of the Engineers day celebrations program. He explained the complete auto biography of Sir MV and his major contributions to the nation and the world.
- A total of 80 students from II, III and IV B.Tech. Civil Engineering II Semester and 15 faculty members from the department were participated in the session of online Lecture through Zoom Platform. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.



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 II B.Tech. CE (Lateral Entry) Students under ASCE SVEC Student Chapter on 19th, December 2020.
- The objective of the program is to share the significance and applications of Civil Engineering to Society and Industry to the students in the field of civil engineering.
- Dr. O. Eswara Reddy, Faculty Advisor - ASCE SVEC Student Chapter, Professor, HoD and Chairman - BOS, Department of Civil Engineering, SVEC delivered an online Lecture on “Significance and Applications of Civil Engineering to Society and Industry” as a part of the Orientation Program for Freshers. He explained the ideas, experiences in Civil Engineering, applications and their importance. Further, he emphasized the joy and proud of civil engineering and its applications to society and industry.
- A total of 16 students from II B.Tech. (Lateral Entry) Civil Engineering I Semester from the department was participated in the session. Office bearers of ASCE SVEC Student Chapter were the organizers of this program.



SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS) ASCE
Sree Vidyanikethan Engineering College
(Affiliated to JNTUA-Anantapuram, Approved by AICTE, Accredited by NBA/NAAC with 'A' Grade)

Orientation Program for Freshers on
“Significance and Applications of Civil Engineering to Society and Industry”
by
Dr. O. Eswara Reddy
Faculty Advisor, ASCE SVEC Student Chapter
Professor, HoD and Chairman-BOS
December 19, 2020
Organized by
ASCE SVEC Student Chapter
Department of Civil Engineering

Chief Patrons: Dr. M. Mahan Babu (Chairman, SVEC), Sri. Viduru Manchu (CEO, SVEC)

Patron: Dr. P. C. Krishnamachary (Principal, SVEC)

Convener: Dr. O. Eswara Reddy (Faculty Advisor, ASCE SVEC Student Chapter)

Coordinator: Mr. B. V. Purushotham (Coordinator, ASCE SVEC Student Chapter)



Assembly: Online Structural Photography Competition on “Civil Engineering Structures”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Online Structural Photography Competition on “Civil Engineering Structures” under ASCE SVEC Student Chapter on 31st July 2020.
- A total of 07 students from II, III and IV B.Tech. Civil Engineering I Semester has participated in the event. The whole event was conducted with great zeal and enthusiasm. The competition was conducted through Zoom Platform from 10:00 am to 1:00 pm.
- Dr. O. Eswara Reddy, Professor, Head, 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 and Coordinator of the event Chapter 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 prize winners were judged purely based on subject knowledge and presentation skills. The First Prize to Mr. Chandan Mahato of IV B. Tech. CE-B and the Second Prize to Mr. Neelam Venkata Sai of IV B. Tech. CE-A were awarded. Participation certificates were distributed to all the participants.

ASCE
STUDENT CHAPTER
Sree Vidyanikethan
Engineering College

SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)
Sree Ramath Nagar, Tirupati - 517103
(Affiliated to JNTUA Anantapuram, Approved by ASCE, Accredited by NBA, NAAC with 'A' Grade)

Online
Structural Photography Competition on
“Civil Engineering Structures”
July 31, 2020
Organized by
ASCE SVEC Student Chapter
Department of Civil Engineering

Last Date of Registration: 29-07-2020
Registration Link:
<https://forms.gle/bat5vxxEwCvGn2za>

Eligibility:
• All the students of B.Tech Civil Engineering from SVEC are eligible to participate in the event.

Rules to follow:
• A well-photographed structure can be sent through image (JPEG) format, expressing civil engineer's deep feelings and sensitivity regarding social structure and creative design.
• The content of the photo should represent Engineering projects in your communities.
• Every participant should share a high resolution photo of the content.

Event Platform:
ZOOM

Contact us:
asce.svec@gmail.com
9885313914

Chief Patrons:
Dr. H. Mahesh Babu
Chairman, SVEC

Patron:
Dr. P. C. Krishnaswamy
Principal, SVEC

Convener:
Dr. O. Eswara Reddy
Head, BOS Chairman, Faculty Advisor
Department of Civil Engineering
Sree Vidyanikethan Engineering College
Tirupati, Andhra Pradesh - 517103

Coordinator:
Mr. D. V. Purushotham
Assistant Professor
Department of Civil Engineering
Sree Vidyanikethan Engineering College
Tirupati, Andhra Pradesh - 517103

ASCE
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Online
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Chief Patrons:
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Chairman, SVEC

Patron:
Dr. P. C. Krishnaswamy
Principal, SVEC

Convener:
Dr. O. Eswara Reddy
Head, BOS Chairman, Faculty Advisor
Department of Civil Engineering
Sree Vidyanikethan Engineering College
Tirupati, Andhra Pradesh - 517103

Coordinator:
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Online
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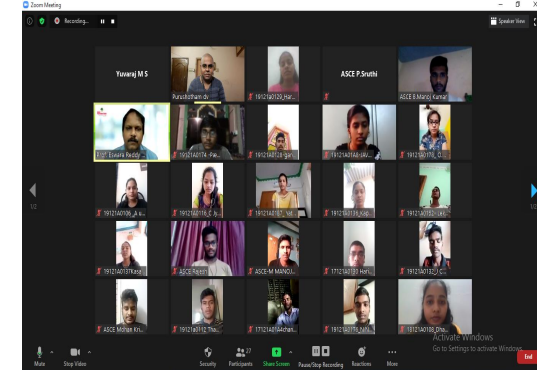
Convener:
Dr. O. Eswara Reddy
Head, BOS Chairman, Faculty Advisor
Department of Civil Engineering
Sree Vidyanikethan Engineering College
Tirupati, Andhra Pradesh - 517103

Coordinator:
Mr. D. V. Purushotham
Assistant Professor
Department of Civil Engineering
Sree Vidyanikethan Engineering College
Tirupati, Andhra Pradesh - 517103

Assembly: Online Seminar Presentation on “Civil Engineering Infrastructure for the Development of Smart Cities/Intelligent Transport Systems”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Online Seminar Presentation on “Civil Engineering Infrastructure for the Development of Smart Cities/Intelligent Transport Systems” under ASCE SVEC Student Chapter on 30th August 2020.
- A total of 20 students (06 individuals and 7 teams of each 2) from II and III B.Tech. Civil Engineering I Semester has participated in the event. The whole event was conducted with great zeal and enthusiasm. The competition was conducted through Zoom Platform from 10:00 am to 4:00 pm on 30th August 2020.
- The prize winners were judged purely based on subject knowledge and presentation skills. The First Prize to Ms. Pallavi Nallaturu of III B. Tech. CE-A and the Second Prize to Ms. C. Jyoshna and Ms. Lekkala Kiranmayee of II B. Tech. CE-A were awarded in seminar presentation on “Civil Engineering Infrastructure for the Development of Smart Cities”. Similarly, The First Prize to Mr. Nadavala Pavan Kumar and Mr. Nellore Nithesh Kumar Reddy of II B. Tech. CE-A and the Second Prize to Ms. Thallapaka Javali and Ms. Yarasani Yathishwari of II B. Tech. CE-B were awarded in seminar presentation on “Intelligent Transport Systems”. Participation certificates were distributed to all the participants.

The poster is for an online seminar presentation organized by the ASCE SVEC Student Chapter at Sree Vidyanikethan Engineering College. The event is titled "Civil Engineering Infrastructure for the Development of Smart Cities/Intelligent Transport Systems" and is scheduled for August 30, 2020, on a Sunday. The poster includes the college's name, its affiliation with JNTUA Anantapur, and its accreditation by AICTE. It also mentions the ASCE SVEC Student Chapter and the Department of Civil Engineering. Key details include the registration link (https://forms.gle/CrCHD2ERHY2umIGZ), the last date of registration (27-08-2020), and contact information for the ASCE SVEC Student Chapter. The poster lists the event platform as Zoom and provides the Zoom link (https://zoom.us/j/9885383914). It also lists the names and titles of the Chief Patrons, Patron, Convener, and Coordinator. The poster includes a list of rules to follow, such as the requirement for participants to be students of B.Tech Civil Engineering from SVEC, the use of PPT slides, and the time limit for presentations (7 minutes for seminar and 3 minutes for queries). The poster also features a small image of a smart city and a Zoom logo.



Assembly: Online Poster Presentation on “Sustainability in Civil Engineering”

SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)
Sree Sainath Nagar, Tirupathi - 517202
(Affiliated to JNTUA Anantapuramu, Approved by ASCE, Accredited by NBA; NAAC with 'A' Grade)

Online Poster Presentation on
"Sustainability in Civil Engineering"
September 27, 2020 (Sunday)

Organized by
ASCE SVEC Student Chapter
Department of Civil Engineering

Last Date of Registration: 25-09-2020
Registration Link:
<https://forms.gle/9rRdLdG6F7LDz7Hn7>

Eligibility:
All the students of B.Tech Civil Engineering from SVEC are eligible to participate in the event.

Certificates will be provided for all participants and Prize Winners

Contact us:
asesvec@gmail.com
9885383914

Event Platforms:
Zoom

Rules to follow:

- The poster entry must have an impact on the topic.
- Each participant should submit one entry only.
- File Format: Save your file as a PDF for quick and easy upload.
- All E-Poster should be original work of participant and follow the given format.
- The following headings are suggested to structure your abstract, but you can amend as necessary – Introduction/Background, Methods, Findings, Conclusions.
- During the event, the maximum two participants in each team are given 7 minutes to present their poster and 3 minutes for queries.

Chief Patrons:
Dr. M. Mahan Babu, Chairman, SVEC
Dr. Mahan Manchu, SVEC, SVEC

Patron:
Dr. P. C. Krishnaswamy, Principal, SVEC

Convener:
Dr. O. Zeeva Reddy, Sree Sainath Nagar, Tirupathi - 517202

Coordinator:
Mr. D. V. Parasuraman, ASCE SVEC Student Chapter

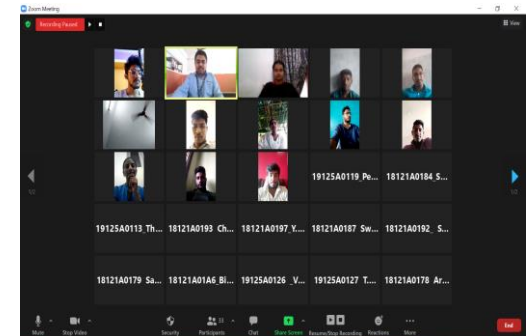
A screenshot of a Zoom meeting. The main window displays a presentation slide with the same event information as the poster above. The slide includes the college name, event title, date, and organizers. The Zoom interface shows a grid of participants on the right side, with several video feeds visible. The top of the screen shows the Zoom meeting title and controls.

A screenshot of a Zoom meeting, similar to the one above. The main window displays the same event poster. The Zoom interface shows a grid of participants on the right side, with several video feeds visible. The top of the screen shows the Zoom meeting title and controls.

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Online Poster Presentation on “Sustainability in Civil Engineering” under ASCE SVEC Student Chapter on 27th September 2020.
- A total of 22 students (08 individuals and 7 teams of each 2) from II, III and IV B.Tech. Civil Engineering I Semester has participated in the event. The whole event was conducted with great zeal and enthusiasm. The competition was conducted through Zoom Platform from 10:00 am to 4:00 pm on 27th September 2020.
- The prize winners were judged purely based on subject knowledge and presentation skills. The First Prize to Ms. Pallavi Nallaturu of III B. Tech. CE-A; Second Prize to Mr. Nadavala Pavan Kumar and Mr. Nellore Nithesh Kumar Reddy of II B. Tech. CE-A and Third Prize Thalluru Kowshik Kumar were awarded in poster presentation on “Sustainability in Civil Engineering”. Participation certificates were distributed to all the participants.

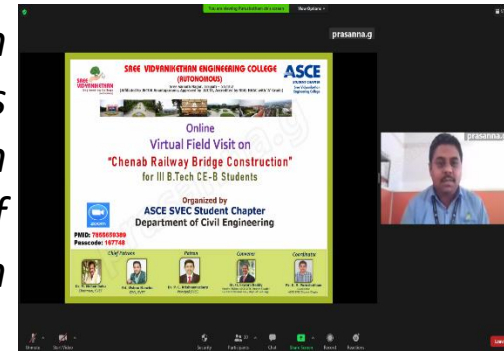
Assembly: Virtual Field Visit on “Smart Cities- Andhra Pradesh, India”

- *The Department of Civil Engineering of Sree Vidyanikethan Engineering College organized a Virtual Field Visit on “Smart Cities- Andhra Pradesh, India” on 20th August 2020 from 3.30 P.M to 4.30 P.M for the benefit of II B.Tech. I Semester Civil Engineering students (B-Section) through Zoom Platform.*
- *The objective of the program is to impart the practical knowledge on the construction details of civil engineering structures which is important for civil engineers to understand.*
- *A total of 45 students from II B.Tech., I Semester Civil Engineering, Department of Civil Engineering, Sree Vidyanikethan Engineering College participated in the virtual field visit along with faculty.*
- *Mr. D. V. Purushotham, explained the construction details and importance of Smart Cities- Andhra Pradesh, India i.e., Amaravati, Visakhapatnam, Kakinada, Tirupati Smart City construction details; Amaravati Iconic Bridge, Amaravati; Garudavardhi Bridge, Tirupati etc; A total of 210 projects worth Rs 8,814.18 crore have been identified in these four cities in Andhra Pradesh. In Kakinada, over 70 projects are at development stage, costing Rs 1,986.08 crore, 39 projects worth Rs 1,610.95 crore in Tirupati and 47 projects worth Rs 1,777.29 crore in Visakhapatnam etc.,*



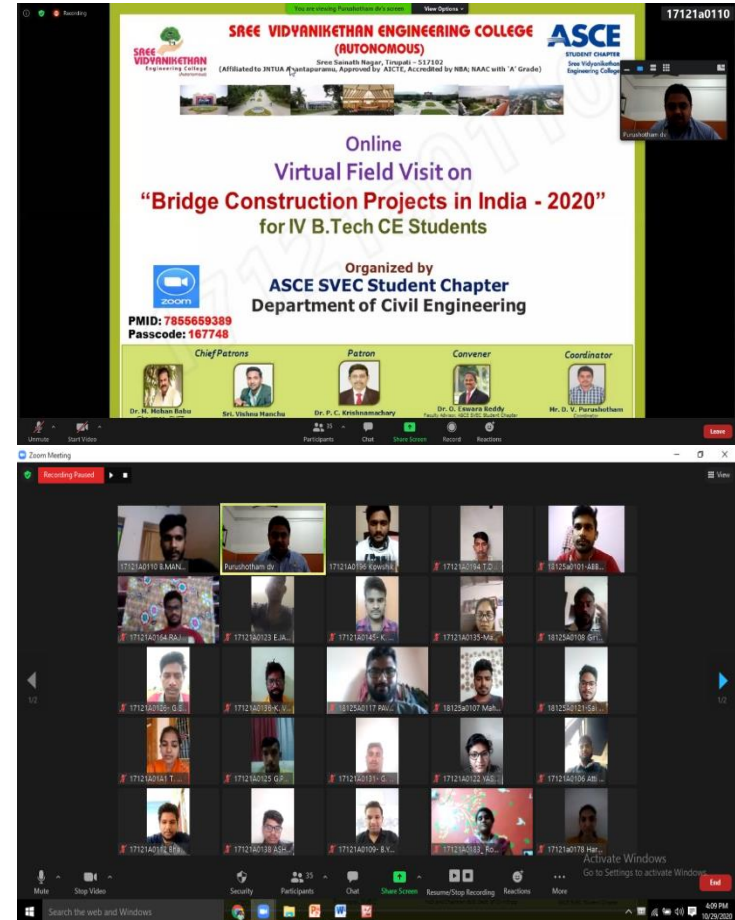
Assembly: Virtual Field Visit on “World's Highest Railway Bridge - Chenab Railway Bridge Construction”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College organized a Virtual Field Visit on “World's Highest Railway Bridge - Chenab Railway Bridge Construction” on 05th September 2020 from 3.30 P.M to 4.30 P.M for the benefit of III B.Tech. I Semester Civil Engineering students (B-section) through Zoom Platform.
- The objective of the program is to impart the practical knowledge on the construction details of civil engineering structures which is important for civil engineers to understand. This program is helpful for the students to understand the technicalities of this field and making them aware of the advancements in construction therein.
- A total of 65 students from III B.Tech., I Semester Civil Engineering, Department of Civil Engineering, Sree Vidyanikethan Engineering College participated in the virtual field visit along with faculty.
- Mr. D. V. Purushotham, explained the construction details and importance of Chenab Railway Bridge Construction. The world's highest railway bridge is being built in Jammu and Kashmir. It is a 1.3 km-long bridge that is being built across the Chenab river. It is being constructed at a height of 359 metres from the riverbed. It will be at a height 35 meters more than the Eiffel Tower in Paris. etc.



Assembly: Virtual Field Visit on “Construction Site of Bridge Construction Projects in India - 2020”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College organized a Virtual Field Visit on “Construction Site of Bridge Construction Projects in India - 2020” on 30th October 2020 from 3.30 P.M to 4.30 P.M for the benefit of IV B.Tech. I Semester Civil Engineering students through Zoom Platform.
- A total of 64 students from IV B.Tech., I Semester Civil Engineering, Department of Civil Engineering, Sree Vidyanikethan Engineering College participated in the virtual field visit along with faculty.
- The purpose of the field visit was fulfilled and all the participated students were benefited.



- Mr. D. V. Purushotham, explained the construction details and importance of Bridge Construction Projects in India – 2020 i.e., Amaravati Iconic Bridge, Amaravati; New Pamban Bridge, Rameswaram; Chenab Railway Bridge, Srinagar; Mahatma Gandhi Sethu Bridge, Patna; Durgam Cheruvu Bridge, Hyderabad; Kanaka Durgama Flyover Bridge, Vijayawada; Garudavardhi Bridge, Tirupati; demolition of Amruthajan Bridge, Pune etc.

Assembly: Virtual Field Visit on “World Longest Tunnel – ATAL Tunnel, Rohtang, Himachal Pradesh, India”

- The Department of Civil Engineering of Sree Vidyanikethan Engineering College organized a Virtual Field Visit on “World Longest Tunnel – ATAL Tunnel, Rohtang, Himachal Pradesh, India” on 13th November 2020 from 3.30 P.M to 4.30 P.M for the benefit of II B.Tech. I Semester Civil Engineering students (A-section) through Zoom Platform.
- A total of 79 students from II B.Tech., I Semester Civil Engineering, Department of Civil Engineering, Sree Vidyanikethan Engineering College participated in the virtual field visit along with faculty.

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ASCE
STUDENT CHAPTER
Sree Vidyanikethan Engineering College

Online
Virtual Field Visit on
“World Longest Tunnel – ATAL Tunnel, Rohtang,
Himachal Pradesh, India”
for II B.Tech CE-A Students
November 13, 2020

PMID: 679 844 1570
Passcode: ascesvec

Organized by
ASCE SVEC Student Chapter
Department of Civil Engineering

Chief Patron: Dr. M. Nataraj Babu, Chairman, SVEC
Patron: Sh. Vishnu Manchu, CEO, SVEC
Convener: Dr. P. C. Krishnamoorthy, Principal, SVEC
Coordinator: Mr. D. V. Purushotham, ASCE SVEC Chapter President

Mr. D. V. Purushotham, explained the construction details and importance of World Longest Tunnel – ATAL Tunnel at a length of 9.02 km, it is the longest tunnel above 10,000 feet (3,048 m) in the world and is named after former Prime Minister of India, Atal Bihari Vajpayee. The tunnel reduces the travel time and overall distance between Manali and Keylong on the way to Leh. The south portal (SP) of Atal Tunnel is located at a distance of 25 km from Manali at an altitude of 3,060 metres, while the north portal (NP) of the tunnel is located near village Teling, Sissu, in Lahaul Valley at an altitude of 3,071 metres. It is a horse shoe shaped, single-tube double lane tunnel with a roadway of 8 metres and has an overhead clearance of 5.525 metres. Talking about the tunnel, a BRO official said it provides a telephone facility at every 150 metre of its stretch, a fire hydrant every 60 metre, emergency exits every 500 metre, turning cavern every 2.2 km, air quality monitors every 1 km, broadcasting system and automatic incident detection system with CCTV cameras every 250 metre. The Atal Bihari Vajpayee government had taken the decision to construct the strategic tunnel below the Rohtang Pass on June 3, 2000, and the foundation stone for the access road to the south portal of the tunnel was laid on May 26, 2002. Prime Minister Narendra Modi will inaugurate Atal Tunnel, the world's longest underground highway, on 3rd October 2020.

Assembly: Virtual Field Visit on “Polavaram Irrigation Project – Andhra Pradesh”

- *The Department of Civil Engineering of Sree Vidyanikethan Engineering College organized a Virtual Field Visit on “Polavaram Irrigation Project – Andhra Pradesh” on 08th December 2020 from 3.30 P.M to 4.30 P.M for the benefit of III B.Tech. I Semester Civil Engineering students (A-section) through Zoom Platform.*
- *A total of 70 students from III B.Tech., I Semester Civil Engineering, Department of Civil Engineering, Sree Vidyanikethan Engineering College participated in the virtual field visit along with faculty.*
- *The objective of the program is to impart the practical knowledge on the construction details of civil engineering structures which is important for civil engineers to understand.*
- *The purpose of the field visit was fulfilled and all the participated students were benefited.*
- *Mr. D. V. Purushotham, explained the construction details and importance of Polavaram Irrigation Project – Andhra Pradesh, India. The Polavaram Irrigation Project is a Multipurpose one conferring Irrigation benefits in the upland areas of Visakhapatnam, East Godavari, West Godavari and Krishna Districts. It also envisages drinking water supply to Visakhapatnam Township and other towns and villages enroute and Industrial water supply to the Visakhapatnam coast based Steel Plant and other industries in the vicinity, generation of Hydal Power, affording Navigation facilities, development of pisciculture and providing recreation and other benefits, besides urbanisation. The Project also provides diversion of 2,27 T.M.Cum (80 TMC ft.) of Godavari Waters to Krishna Basin etc.,*

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ASCE
STUDENT CHAPTER
Sree Vidyanikethan Engineering College

Online
Virtual Field Visit on
“Polavaram Irrigation Project – Andhra Pradesh”
for III B.Tech CE-A Students

Organized by
ASCE SVEC Student Chapter
Department of Civil Engineering

PMID: 7856659389
Passcode: 167748

Chief Patrons: Dr. M. Venkatesh Babu, Chairman, SVEC; Dr. M. Venkatesh Babu, Chairman, SVEC

Patron: Dr. P. S. Krishnakumari, Principal, SVEC

Co-convener: Dr. D. Devara Satya, Head of Department, Civil Engineering

Coordinator: Mr. D. V. Purushotham, Head of Department, Civil Engineering



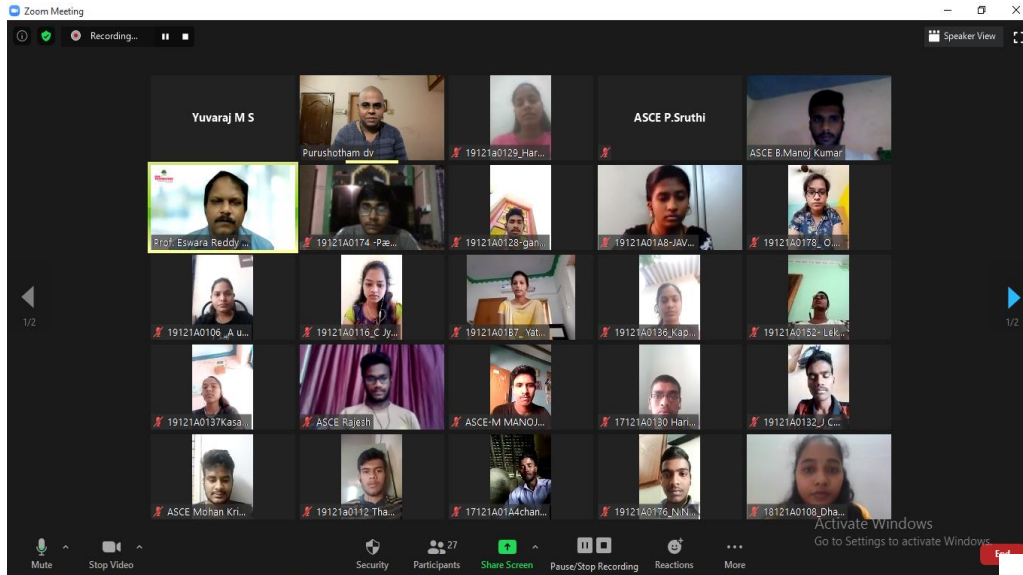
Assembly: Industry Internships to Students

S.NO.	Description	Duration	No. of Students
1	Internship for ASCE Members of IV B.Tech. CE in Industry during Major Project Work	05-12-2019 to 30-04-2020	43

Companies offered Industry Internships to Students:

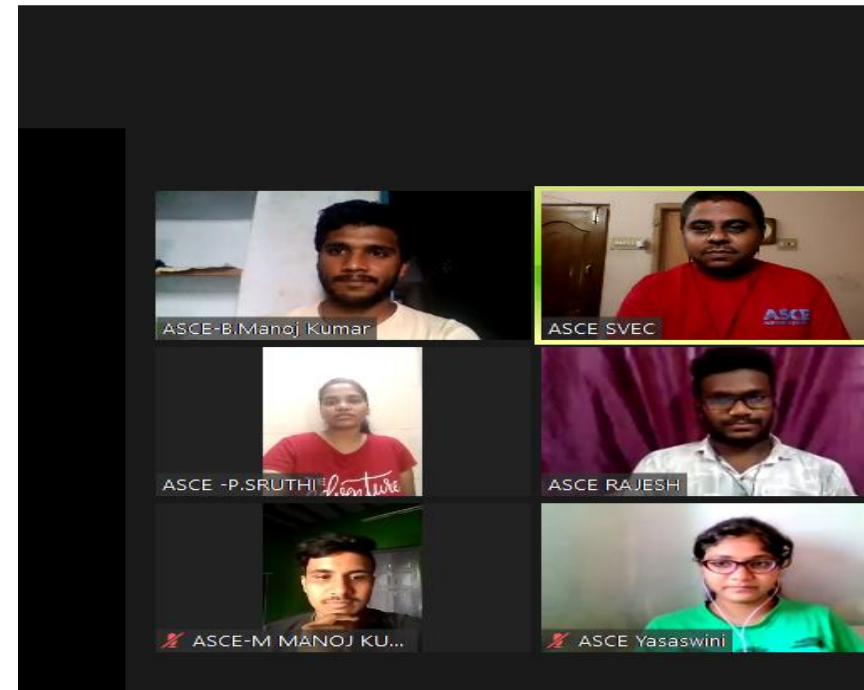
S.No.	Name of the company	No. of Students
1	TechFab India Industries Ltd., Hyderabad.	03
2	M A Consulting Services Pvt Ltd., Hyderabad.	03
3	STUP Consultants Pvt. Ltd., Bangalore	04
4	Megha Engineering & Infrastructures Ltd., Hyderabad	15
5	RAHEE Infractech Ltd., Nagpur	03
6	Teemage Builders Pvt Ltd., Tirupur, TN	02
7	STUP Consultants Pvt. Ltd., Hyderabad.	04
8	SRK Constructions & Projects Pvt. Ltd., Hyderabad	01
9	V Consultants Engineers and Builders, Piler	01
10	Aakruthi Developers, Adoni	01
11	DV Associates, Tirupati	01
12	JL Constructions Pvt. Ltd., Anantapur	01
13	Meda Constructions , Tirupati	01
14	Cognizant Technology Services, Chennai	03

Assembly: Virtual Social Gatherings



Virtual Social Gathering of Faculty Advisor, Coordinator and Office Bearers at Zoom Platform on 28-08-2020.

Virtual Social Gathering of Faculty Advisor, Coordinator and Office Bearers at Zoom Platform on 30-12-2020.



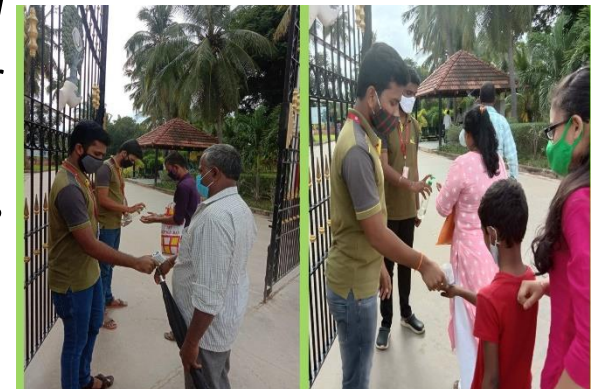
Assembly: Student Officer Planning and Other Meetings

- *Student Officer Planning Meeting on 20.01.2020*
- *General Meeting of Student Officers, Faculty Advisor, Coordinator and Head of the Department on 29.02.2020*
- *Business meeting at "ASCE Indian Region Student conference 2020" in ASCE BIT Student Chapter on 03.03.2020*
- *Professional meeting with invited speaker (Online) on 23.05.2020*
- *Student Officer Planning Meeting (Online) on 15.06.2019*
- *Professional meeting with invited speaker (Online) on 04.07.2020*
- *Student Officer Planning Meeting (Online) on 30.09.2020*
- *Professional meeting with invited speaker (Online) on 15.10.2020*
- *Professional meeting with invited speaker (Online) on 31.10.2020*
- *Student Officer Planning Meeting (Online) on 07.11.2020*

Special Project: Outreach Activity

An Awareness Program on “Safety Measures to Prevent COVID-19”

- The Department of Civil Engineering has organized an Outreach Activity i.e., An Awareness Program on “Safety Measures to Prevent COVID-19” at A. Rangampet, Chandragiri Mandal, Chittoor District, Andhra Pradesh, India under ASCE SVEC Student Chapter on 31st December 2020.
- The objective of the program is to motivate, create awareness and impart knowledge on Safety Measures to Prevent COVID-19 to the Public or Community.
- Dr. O. Eswara Reddy, Professor, HoD 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 Coordinator-ASCE SVEC Student Chapter and Coordinator of the Program graced the occasion.
- Office bearers of ASCE SVEC Student Chapter were the organizers of this programme.



Special Project: Outreach Activity i.e., An Awareness Program on “Role of Civil Engineering in Societal Development”

- 02 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 of Safety Measures to Prevent COVID-19 to the Public or Community.
- At the end of the program, the public gained the knowledge on safety precautions to prevent COVID-19 and understood how the prevention benefits the society.
- On the whole, the event proved successful. 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.



Summary and Questions

- *What were the most significant events of the year?*
 - *Runners in Surveying Competition – ASCE India Region student Conference 2020 @ ASCE BIT Student Chapter, India.*
 - *Online Guest Lectures & Expert Lectures*
 - *Online Poster and Seminar Presentations*
 - *Online Structural Photography*
 - *Virtual Field Trips, Social Gatherings and*
 - *Community Service etc.,*
- *What were the most significant challenges?*
 - *Attending and Winning the competitions in ASCE India Region Student Conference 2020 @ ASCE BIT Student Chapter, India.*
 - *Community Service during COVID-19.*
 - *Organizing Online Events*
- *Future plans*
 - *Increasing the ASCE Student Membership*
 - *Planning to conduct the Students National Workshop for other student Chapters*