

### ASCE Student Chapter

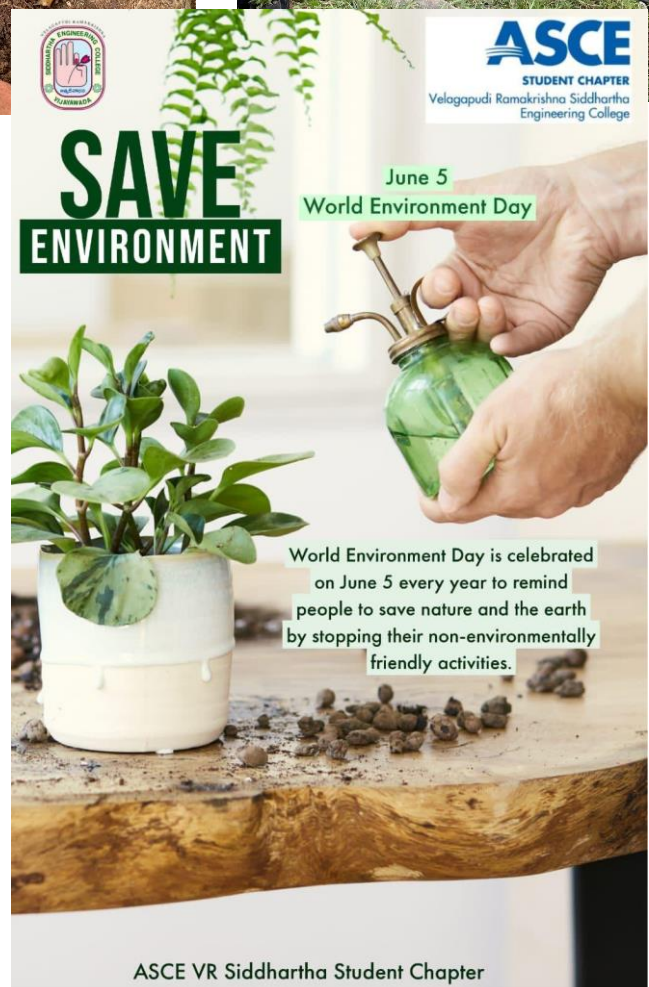
**AY 23 - 24**

<b>S.No</b>	<b>EVENT</b>	<b>DATE</b>	<b>GUESTS/ PARTICIPATIONS</b>
1	World Environment Day	June 5 <sup>th</sup> , 2023	All 3 <sup>rd</sup> year Students
2	Guest Lecture on "Joy of Engineering"	24 <sup>th</sup> June, 2023	Prof. KVSG Murali Krishna, Director, Academics and Planning, Professor of civil engineering, university college of engineering, JNTUK, Former member SEAC, MOEF, Govt of India.
3	Guest Lecture on "Applications of Reliability in Various Fields"	10 <sup>th</sup> July, 2023	Dr. Chandrasekhar Putcha, F. ASCE, Professor, Department of Civil and Environmental Engineering, California State University, Fullerton, CA, USA
4	Interactive session on "How to prepare for national competitive exams & higher education"	24 <sup>th</sup> August, 2023	Mr. Abdul Rafeeq, Marketing operator Mr. Jitendra Tivari, Sr. Faculty
5	One day seminar on "Together for Clean Air"	7 <sup>th</sup> September, 2023	Dr. M. V. S. Raju, Professor CE & Dean R&D, IQAC Coordinator and Dr. Anuja U Charpe, Assistant Professor CE
6	Lecture on "ASCE E-Journals Orientation"	19 <sup>th</sup> December, 2023	Mr. Siva Karthikeyan, ASCE Representative
7	Sri Koya Srinivasa Rao Endowment Lecture on 'Sustainable Urban Mobility: Indian Context'	17 <sup>th</sup> February 2024	Dr. K V Krishna Rao, Professor, Department of Civil Engineering, IIT Mumbai.  II/IV, III/IV, IV/IV B. Tech and M. Tech students (120)
8	Guest lecture on 'Insights in Civil Engineering'	21 <sup>st</sup> February 2024	Mr. G Siva Rami Reddy, ME (Struct Engg), Gambrel Engineers LLP III/IV B. Tech students (75)
9	AFOSEC National Level Fest	February 28 <sup>th</sup> & 29 <sup>th</sup> , 2024.	All Year Students Faculty Coordinators: 1. Haroon Ali Khan 2. M. Raghava Prasad
10	Certificate Course on SketchUp and Revit Architecture	5 <sup>th</sup> March - 13 <sup>th</sup> March 2024	Mr. S Prasanna, Kumar & Ms. B. Triveni Engineering CAD Training Centre, VJA IV/IV B. Tech Students - 31 Members
11	Field Visit to Kondaveeti Vaagu Lift Irrigation Scheme	15 <sup>th</sup> March, 2024	III/IV B. Tech students (100)

**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	World environment day
<b>Date</b>	5 <sup>th</sup> June, 2023
<b>Beneficiaries</b>	3/4 (50)
<b>Highlights</b>	<p>On the occasion of World Environment Day, the ASCE VR Siddhartha Student Chapter took the lead in organizing a remarkable event that aimed to make a positive impact on the environment. Students and faculty members came together in a unified effort to plant trees and promote environmental awareness.</p> <p>The participants gathered early in the morning at a designated location, full of enthusiasm and a shared desire to protect and nurture the natural world. As everyone got ready to help, the atmosphere was teeming with excitement and anticipation.</p> <p>The ASCE VR Siddhartha Student Chapter led this activity for both students and staff members actively participated in. Together, they dug holes while carefully choosing spots for the plants. They planted a wide variety of saplings, including native trees, shrubs, and blooming plants, with great care and devotion. Each plant was picked because it will benefit the ecosystem as a whole and the environment.</p> <p>The impact of the event extended beyond the day itself. The newly planted trees would grow and thrive, becoming a living testament to the commitment and efforts of the ASCE VR Siddhartha Student Chapter and its members. The event not only contributed to the local environment but also left a lasting impression on the participants, inspiring them to continue their journey as responsible stewards of the Earth.</p> <p>Overall, under ASCE VR Siddhartha Student Chapter the students and teachers produced a unique and significant World Environment Day celebration. Their coordinated efforts and commitment to environmental sustainability demonstrated the value of cooperation and inspired optimism for a greener, more sustainable future.</p>

## Photos



Faculty and Students Planting Saplings

Poster for the Event

**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	Guest Lecture on” Joy of Engineering” by Prof. KVSG Murali Krishna, Director, Academics and Planning, Professor of civil engineering, university college of engineering, JNTUK, Former member SEAC, MOEF, Govt of India.
<b>Date</b>	24th June,2023
<b>Beneficiaries</b>	1/4 (100)
<b>Highlights</b>	<p>The ASCE VR Siddhartha Student Chapter organized a captivating guest lecture on the topic "Joy of Engineering" delivered by the esteemed Prof. KVSG Murali Krishna. With a distinguished career as the Director of Academics and Planning, as well as a Professor of Civil Engineering at the University College of Engineering, JNTUK, and having served as a former member of SEAC (State Expert Appraisal Committee), MOEF (Ministry of Environment, Forest and Climate Change), Government of India, Prof. Murali Krishna brought a wealth of knowledge and experience to the event.</p> <p>The lecture hall was filled with eager students and faculty members who were excited to learn from Prof. Murali Krishna. The atmosphere buzzed with anticipation as everyone awaited the start of the session.Prof. Murali Krishna began his lecture by sharing his personal journey and experiences in the field of engineering. He captivated the audience with his storytelling skills, vividly describing the challenges, triumphs, and the sheer joy that engineering brought into his life. He highlighted the immense satisfaction that engineers can derive from their work and the positive impact they can make on society.</p> <p>Throughout the lecture, Prof. Murali Krishna emphasized the importance of passion, creativity, and innovation in engineering. He shared inspiring anecdotes and real-life examples that showcased the transformative power of engineering solutions in various domains, ranging from infrastructure development to environmental conservation.</p> <p>Drawing from his extensive expertise in civil engineering and his association with SEAC, MOEF, Prof. Murali Krishna shed light on the critical role that engineers play in sustainable development and the preservation of natural resources. He emphasized the need for ethical practices, environmental consciousness, and social responsibility in engineering projects.</p> <p>The guest lecture by Prof. KVSG Murali Krishna left a lasting impression on the participants. It not only provided valuable insights into the world of engineering but also inspired the students to approach their academic journey and future careers with enthusiasm, passion, and a sense of purpose. The event served as a reminder of the joy that can be found in engineering and the immense potential it holds for making a positive impact on society.</p>

Photos



Guest delivering the lecture to students



# Welcome you all to join a Guest Lecture on “Joy of Engineering”



**Prof KVSG Murali Krishna**

Director, Academics and Planning  
Professor of Civil Engineering,  
University College of Engineering, JNTUK  
Former Member SEAC, MOEF, Govt of India

Time: 12.00 noon, 24 June 2023  
Venue: Admin Block Seminar Hall

Organized by  
ASCE VR Siddhartha Student  
Chapter &  
Institution's Innovation Council,  
VRSEC



**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	Guest Lecture on "Applications of Reliability in Various Fields" by "Dr. Chadrasekhar Putcha, Professor, Department of Civil and Environmental Engineering, California State University, Fullerton, CA, USA".
<b>Date</b>	10 <sup>th</sup> July, 2023
<b>Beneficiaries</b>	3/4 (100)
<b>Highlights</b>	<p>The ASCE VR Siddhartha Student Chapter organized a captivating guest lecture on "Applications of Reliability in Various Fields" by Dr. Chadrasekhar Putcha, Professor in the Department of Civil and Environmental Engineering at California State University, Fullerton, CA, USA, is an enlightening and comprehensive presentation exploring the diverse applications of reliability across different fields.</p> <p>Dr. Putcha, a renowned expert in the field of civil engineering and reliability analysis, has delved into the fundamental concepts of reliability and its significance in various industries. He discussed how reliability analysis can be applied to fields such as engineering, manufacturing, healthcare, transportation, and more, to enhance performance, optimize systems, and mitigate risks.</p> <p>Throughout the lecture, Dr. Putcha shared his extensive knowledge and research findings, presenting real-world examples and case studies that demonstrate the practical applications of reliability. Also, he discussed the methodologies and tools used to assess and improve reliability, highlighting the importance of data analysis, modeling techniques, and maintenance strategies.</p> <p>Students gain a deeper understanding of the role of reliability in different sectors and its impact on system performance, safety, and sustainability. They also learn about the challenges and advancements in reliability analysis and how it can contribute to decision-making processes and risk management strategies.</p> <p>The session ended with participants engaging with Dr. Putcha, asking questions, and gaining valuable insights into the applications of reliability in diverse fields.</p>

## Photos



Guest delivering the lecture to students



DEPARTMENT OF  
CIVIL ENGINEERING



**Welcome you all to join**  
*Guest Lecture*  
*on*  
*Applications of Reliability to various fields*  
*by*  
*Prof. Putchu Chandrashekar*  
*California State University, Fullerton, USA*



Session: Monday, 10th July, 2023  
Time: 9:30AM - 10:30AM  
Venue: CE-II Seminar Hall (CE-II - 105)  
Organized by ASCE VR Siddhartha Student Chapter

Poster for the Event


## DEPARTMENT OF CIVIL ENGINEERING

### V R SIDDHARTHA ENGINEERING COLLEGE

<b>Event</b>	Interactive session on “How to prepare for national competitive exams & higher education” by made easy professionals – Mr. Abdul Rafeeq, Marketing operator at made easy and Mr.JitendraTivari, Sr.Faculty at made easy.
<b>Date</b>	August 24 <sup>th</sup> , 2023.
<b>Venue</b>	CE Seminar Hall (CE 201), VRSEC
<b>Beneficiaries</b>	III/IV B. Tech students (80)
<b>Highlights</b>	<p>V R Siddhartha Engineering College, Civil Engineering Department organizedan interactive session on "How to Prepare for National Competitive Exams &amp; Higher Education" was organized by Made Easy Professionals at Civil Seminar Hall CE 201on 24<sup>th</sup> August,2023. The event aimed to provide valuable insights and guidance to aspiring students who are preparing for various national competitive exams and seeking higher education opportunities. The session was conducted by a panel of experienced educators and industry experts.</p> <p>The event commenced with opening remarks by Mr.JitendraTivari, Made Easy Professional, who welcomed the participants and highlighted the significance of competitive exams in shaping one's career. He emphasized the importance of a well-thought-out strategy for success in these exams.The heart of the event was a panel discussion featuring prominent educators from Made Easy Professionals. The panelists shared their extensive knowledge and experiences in guiding students through competitive exams and higher education. Key topics discussed included:</p> <ul style="list-style-type: none"><li>Effective study strategies and time management techniques.</li><li>Choosing the right competitive exams based on career goals.</li><li>Balancing college curriculum with exam preparation.</li><li>Handling stress and maintaining a positive mindset.</li><li>Tips for cracking exams likeUPSC, GATE and more.</li></ul> <p>Following the panel discussion, the floor was opened for a question-and-answer session. Attendees had the opportunity to seek personalized advice from the experts, addressing their specific concerns and queries.The event also featured inspiring success stories of previous students mentored by Made Easy Professionals who had secured top ranks in various competitive exams. These stories served as a motivating factor for the attendees and showcased that with dedication and the right guidance, success is attainable.Parallel to the panel discussion and Q&amp;A session, there were practical workshops and demonstrations on effective study techniques and exam-solving strategies. These hands-on sessions provided attendees with actionable insights.Attendees had the opportunity to network with the panelists. Made Easy Professionals provided study materials and resources to help participants kick-start their exam preparations.</p> <p>The interactive session on "How to Prepare for National Competitive Exams &amp; Higher Education" by Made Easy Professionals was a resounding success. It provided valuable guidance, strategies, and inspiration to the students, helping them embark on their journey towards achieving their career goals. The event underscored the importance of not only hard work but also smart and structured preparation.</p>


## Photos

### Poster for Event



**VRSEC**  
VELAGAPUDI RAMAKRISHNA  
SIDDHARTHA ENGINEERING COLLEGE  
Established by Velagapudi Subrahmanyam & Sons Private Limited

**DEPARTMENT OF  
CIVIL ENGINEERING**



**ASCE**  
STUDENT CHAPTER  
Velagapudi Ramakrishna Siddhartha  
Engineering College



Guest Mr. Jitendra Tivari delivering the lecture



Guest Mr. Jitendra Tivari interacting with students



## DEPARTMENT OF CIVIL ENGINEERING

### V R SIDDHARTHA ENGINEERING COLLEGE

<b>Event</b>	One day seminar on “Together for Clean Air” by Dr.M.V.S.Raju, Professor CE & Dean R&D, IQAC Coordinator and Dr. Anuja U Charpe, Assistant Professor CE
<b>Date</b>	September 7 <sup>th</sup> , 2023.
<b>Venue</b>	Admin Seminar Hall, VRSEC
<b>Beneficiaries</b>	III/IV B. Tech students (100)
<b>Highlights</b>	<p>V R Siddhartha Engineering College, Civil Engineering Department organized one day seminar on “Together for Clean Air” on 7<sup>th</sup> September, 2023 on the eve of The International Day of Clean Air for Blue Skies sponsored by (Andhra Pradesh Pollution Control Board) APPCB.</p> <p>The International Day of Clean Air for Blue Skies, “Together for Clean Air” observed on September 7th each year, serves as a global platform to raise awareness about air pollution and its adverse impacts on human health, the environment, and economies. This report highlights the significance of this day, its objectives, and the initiatives taken to combat air pollution and promote cleaner air for all.</p> <p>The International Day of Clean Air for Blue Skies was established by the United Nations General Assembly in 2019 with the aim of drawing attention to the global issue of air pollution and fostering collaborative efforts to improve air quality. The day underscores the urgency of reducing air pollution levels to protect public health, mitigate climate change, and enhance the quality of life for all.</p> <p><b>The key objectives of the International Day of Clean Air for Blue Skies include:</b></p> <ul style="list-style-type: none"><li>● Raising Awareness: Increasing public awareness about the impacts of air pollution on health, ecosystems, and climate change.</li><li>● Promoting Solutions: Encouraging the adoption of clean and sustainable technologies and practices in various sectors, including transportation, industry, and agriculture.</li><li>● Policy Advocacy: Fostering policy dialogue at the national and international levels to set ambitious air quality targets and regulations.</li><li>● Global Collaboration: Encouraging global cooperation among governments, organizations, and individuals to address air pollution as a shared challenge.</li><li>● Air Pollution and its Consequences</li></ul> <p>The chief Guests for this seminar were P.Srinivasa Rao, Environmental Engineer &amp; Saradhi, Environmental Analyst of APPCB and the resource persons for this seminar were Dr.M.V.S.Raju, Professor CE &amp; Dean R&amp;D, IQAC Coordinator and Dr. Anuja U Charpe, Assistant Professor CE. The two sessions were conducted in which first awareness lecture was delivered by Dr.M.V.S.Raju, Professor CE &amp; Dean R&amp;D, IQAC Coordinator. He enlightened about air pollution, types of pollutant, pollution caused by emissions from vehicles, industrial processes, and other sources, has severe consequences for human health and the environment. He also gave a brief view on major impacts of air pollution on the following:</p> <ul style="list-style-type: none"><li>● Health Risks: Air pollution is a major risk factor for respiratory and cardiovascular diseases, leading to millions of premature deaths each year.</li><li>● Environmental Damage: It harms ecosystems, damages crops, and contributes to biodiversity loss.</li><li>● Climate Change: Certain air pollutants, such as black carbon, contribute to global warming</li></ul>

and accelerate climate change.

- **Economic Costs:** The economic costs of air pollution, including healthcare expenditures and productivity losses, are substantial.

Second session was delivered by Dr..Anuja U Charpe, Assistant Professor, Civil Engineering Department in which she addressed about the Air Quality Monitoring for Ambient air. She also enlightened student s about the controlling devices and measures to be used in industries to reduce air pollution.

**Conclusion:**

The International Day of Clean Air for Blue Skies serves as a global reminder of the importance of clean air for the well-being of humanity and the planet. It was celebrated to make public aware about the impacts of air pollution on health, ecosystems, and climate change. It is crucial for governments, organizations, and individuals to collaborate, adopt sustainable practices, and advocate for policies that prioritize clean air. Only through concerted efforts can we achieve a healthier, more sustainable future with blue skies for all.

## Photos

### Poster for Seminar



**Department of Civil Engineering**  
**Velagapudi Ramakrishna**  
**Siddhartha Engineering College**  
Autonomous Vijayawada 520007

Welcome you all to join a  
**One Day Seminar on**  
**"Together for Clean Air"**  
Sponsored by **APPCB**

On the eve of 'International Day of  
Clean air for blue skies'

**Chief Guest:**  
**Sri P. Srinivasa Rao, Environmental**  
**Engineer, RO, APPCB, Vijayawada**

**Resource persons:**

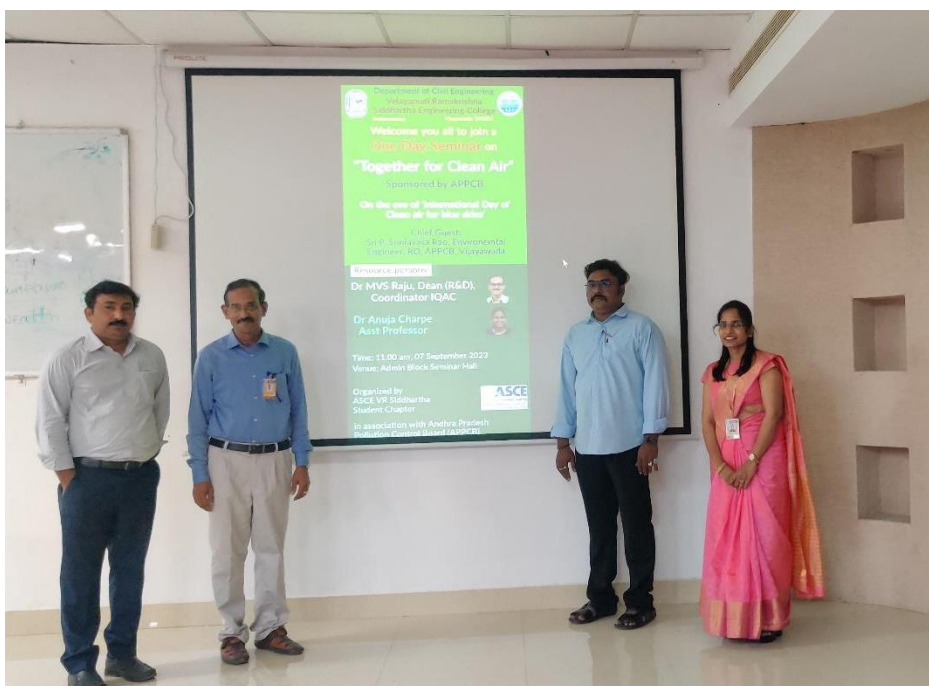
**Dr MVS Raju, Dean (R&D),**  
**Coordinator IQAC**

**Dr Anuja Charpe**  
**Asst Professor**

**Time: 11.00 am, 07 September 2023**  
**Venue: Admin Block Seminar Hall**

**Organized by**  
**ASCE VR Siddhartha**  
**Student Chapter**

**in association with Andhra Pradesh**  
**Pollution Control Board (APPCB)**



Chief Guests and the resource persons of the seminar




Dr.M.V.S.Raju, Professor & Dean R&D, delivering awareness lecture during first session



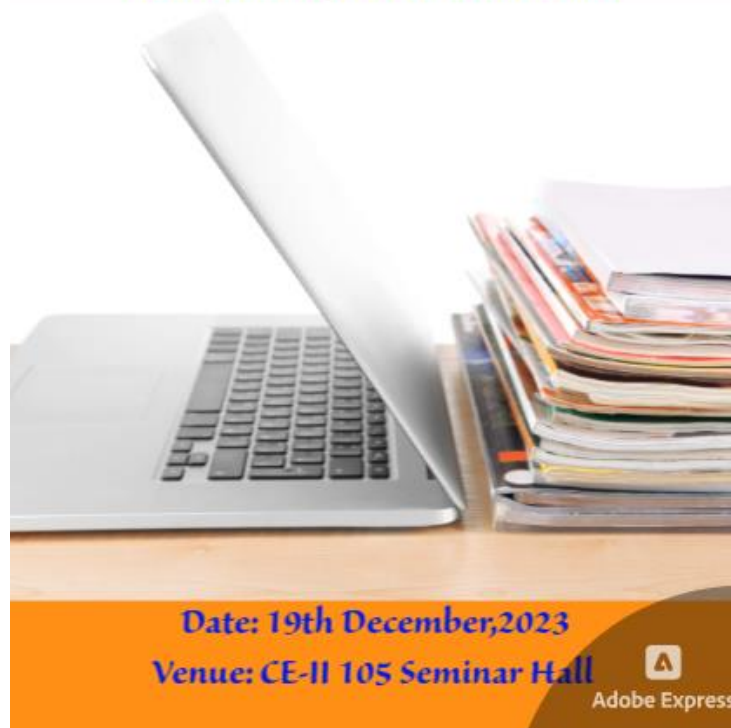
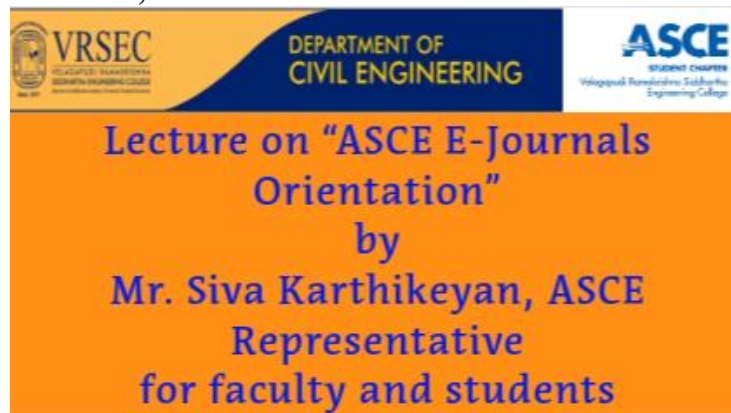
Dr.Anuja U Charpe, Assistant Professor CE, delivering awareness lecture during second session

**DEPARTMENT OF CIVIL ENGINEERING  
V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	Lecture on “ASCE E-Journals Orientation” by Mr. Siva Karthikeyan, ASCE Representative
<b>Date</b>	December 19 <sup>th</sup> , 2023.
<b>Beneficiaries</b>	Faculty and students (UG & PG)
<b>Highlights</b>	<p>Mr. Siva Karthikeyan, an ASCE representative, conducted a succinct lecture on "ASCE E-Journals Orientation" on [Date]. The lecture aimed to familiarize attendees with ASCE's electronic journals and highlight their significance in the field of civil engineering.</p> <p>Mr. Karthikeyan provided an overview of ASCE's role in advancing civil engineering and its commitment to disseminating knowledge. He emphasized the importance of electronic journals, citing accessibility, speed of publication, and environmental sustainability. Introduced attendees to ASCE's diverse range of E-Journals, covering various civil engineering disciplines. He also demonstrated how to access and navigate ASCE's E-Journals through the organization's website, showcasing user-friendly features. He had also covered eclectic subscription options, outlining benefits such as exclusive access to research, reduced conference fees, and networking opportunities.</p> <p><b>Conclusion:</b></p> <p>Mr. Karthikeyan's lecture provided valuable insights into ASCE's E-Journals, enhancing attendees' awareness of these resources for professional development in civil engineering. The event was well-received, contributing to increased knowledge and collaboration within the community.</p>
<b>Photos</b>	 <p style="text-align: center;"><b>ASCE Orientation Session</b></p>



**HOD, Staff and Students attended the session**



**Event poster**

**DEPARTMENT OF CIVIL ENGINEERING  
V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	Sri Koya Srinivasa Rao Endowment Lecture on ‘Sustainable Urban Mobility: Indian Context’
<b>Guest</b>	Dr. K V Krishna Rao, Professor, Department of Civil Engineering, IIT Mumbai.
<b>Date</b>	17th February 2024
<b>Beneficiaries</b>	II/IV, III/IV, IV/IV B. Tech and M. Tech students (120)
<b>Highlights</b>	<p>The ASCE VR Siddhartha Student Chapter hosted the Sri Koya Srinivasa Rao Endowment Lecture on Sustainable Urban Mobility: Indian Context on February 17th, 2024. Dr. K V Krishna Rao, a distinguished Professor from the Department of Civil Engineering at IIT Mumbai, delivered an insightful presentation addressing the pressing challenges and opportunities associated with sustainable urban mobility in India. With a focus on the country's rapidly expanding urban landscapes, Dr. Rao underscored the importance of adopting sustainable transportation solutions to alleviate congestion, mitigate pollution, and enhance accessibility within cities.</p> <p>Throughout the lecture, Dr. Rao highlighted the critical role of policy frameworks in shaping urban mobility strategies tailored to the Indian context. He emphasized the necessity for holistic policies that prioritize environmentally friendly modes of transportation such as walking, cycling, and public transit. By examining existing governmental initiatives and advocating for public-private partnerships, Dr. Rao elucidated pathways toward implementing comprehensive mobility policies conducive to sustainable urban development.</p> <p>The lecture also delved into technological innovations driving advancements in urban mobility, including intelligent transportation systems, electric vehicles, and ride-sharing platforms. Dr. Rao showcased successful case studies from Indian cities, illustrating how innovative solutions have been effectively deployed to address mobility challenges. By analysing these case studies, attendees gained valuable insights into actionable strategies for promoting sustainable urban mobility practices across different urban contexts in India. Overall, the Sri Koya Srinivasa Rao Endowment Lecture provided a platform for fruitful discussions and knowledge exchange, fostering a deeper understanding of the complexities surrounding sustainable urban mobility and inspiring collaborative efforts towards building more liveable and environmentally conscious cities.</p>

in India.

## Photos



Guest Delivering Lecture



Guest Delivering Lecture



## Department of Civil Engineering

### Velagapudi Ramakrishna Siddhartha Engineering College





**Sri Koya Srinivasa Rao**  
Endowment Lecture



**By  
Dr KV Krishna Rao**  
Professor,  
Department of Civil Engineering,  
IIT Bombay, Mumbai

## Sustainable Urban Mobility: Indian Context


**Time: 10.30 am, 17 February 24**  
**Venue: CE Seminar Hall**

**Organized by:**  
**ASCE VR Siddhartha  
Student Chapter**

	POSTER
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**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	Guest lecture on ‘Insights in Civil Engineering’
<b>Guest</b>	Mr. G Siva Rami Reddy, ME (Struct Engg), Gambrel Engineers LLP

<b>Date</b>	21st February 2024
<b>Beneficiaries</b>	III/IV B. Tech students (75)
<b>Highlights</b>	<p>On February 21st, 2024, the ASCE VR Siddhartha Student Chapter hosted an enlightening guest lecture on "Insights in Civil Engineering" tailored for 3<sup>rd</sup> year B. Tech students. Mr. G Siva Rami Reddy, holding a Master's degree in Structural Engineering from Gambrel Engineers LLP, delivered an insightful discourse. The aim was to offer students a practical understanding of civil engineering applications and industry dynamics.</p> <p>During the lecture, Mr. Reddy shared invaluable experiences and practical examples drawn from his tenure at Gambrel Engineers LLP, providing students with a first-hand look at the real-world implementation of structural engineering principles. His discussions encompassed a range of projects, elucidating critical aspects of structural analysis, design considerations, and construction methodologies. Through these case studies, students gained valuable insights into the complexities and challenges faced in the field.</p> <p>The session also delved into emerging trends in civil engineering, emphasizing the integration of advanced materials, sustainable design practices, and digital technologies like Building Information Modelling (BIM) and computer-aided design (CAD). Mr. Reddy underscored the importance of staying abreast of industry advancements to remain competitive in the dynamic field of civil engineering. Furthermore, he provided practical career advice, stressing the significance of hands-on experience, continuous learning, and professional development for aspiring civil engineers. Overall, the guest lecture served as a platform for students to deepen their understanding, explore career prospects, and engage with industry professionals, enriching their educational journey in civil engineering.</p>
<b>Photos</b>	 <p>Vijayawada, AP, India  Siddardha Engineering College,  Vijayawada, 520007, AP, India  Lat 16.485514, Long 80.693500  02/21/2024 10:35 AM  Location : CE Seminar Hall</p>

Guest Delivering Lecture





**VRSEC**  
VRIJAYAN RANGHOLU ENGINEERING COLLEGE  
Vijayawada

**DEPARTMENT OF  
CIVIL ENGINEERING**



**ASCE**  
STUDENT CHAPTER  
Vijayawada Branch of the American Society of  
Civil Engineers



**GAMBREL  
ENGINEERS**  
*Building the way you desire!*



**SRI VENKATESWARA  
ENGINEERING COLLEGE**  
Vijayawada

**Guest Lecture**  
on  
**“Insights in Civil Engineering”**  
by  
**Mr. G Siva Rami Reddy, ME (Struct Engg)**  
**GAMBREL ENGINEERS LLP**  
for 3/4 B.Tech students



**Date: 21st February, 2024**

Guest Delivering Lecture

POSTER

**DEPARTMENT OF CIVIL ENGINEERING  
V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	AFOSEC National Level Fest
<b>Date</b>	February 28th& 29th, 2024.
<b>Beneficiaries</b>	All Year Students Faculty Coordinators: Haroon Ali Khan, M. Raghava Prasad
<b>Highlights</b>	<p>On Occasion of AFOSEC Fest various events like Bridge IT, E Poster Presentation, Seismic Table, AUTOCAD has been organized at national level. Many students came from other colleges and participated very actively, on an average 150 students from other college has been register for each event.</p> <p>Bridge IT is an event that was organized as part of the AFOSEC National Level Fest. This event was designed to challenge students to use their problem-solving skills and creativity to build a bridge that can span a given distance using limited resources. The students who participated in this event were required to work in teams and use their knowledge of engineering, physics, and mathematics to design and construct a bridge that could support the weight of a vehicle.</p> <p>During the competition, the teams were provided with a set of materials that they could use to build their bridge, such as wooden sticks and glue. The teams were also given a specific amount of time to complete their bridge and test it to see which can bear max load.</p> <p>Participating in the Bridge IT event provided students with an opportunity to apply the knowledge and skills they have learned in their engineering, physics, and mathematics courses to a real-world problem. It also allowed them to work collaboratively with their peers, which helped to develop their teamwork and communication skills.</p> <p>Overall, participating in the Bridge It event at the AFOSEC National Level Fest was a challenging and rewarding experience for the students involved. It provided them with a unique opportunity to showcase their abilities and compete with other talented students from across the country.</p> <p>On the other hand, the Seismic Table event is a competition that was likely organized as part of the AFOSEC National Level Fest. This event is designed to test the ability of students to design and construct a structure that can withstand the impact of an earthquake.</p>

The participants were likely divided into teams, and each team was given a set of materials such as wooden sticks, straws, and glue to construct a structure. The teams were required to design and build a structure that could withstand the shaking of a simulated earthquake. The structure's strength and ability to withstand the shaking were evaluated based on various parameters, such as the amount of load it could bear and the duration of the earthquake it could withstand.

The Seismic Table event provided students with an opportunity to apply their knowledge of engineering, physics, and mathematics to a real-world problem. It also helped to develop their critical thinking and problem-solving skills. By working collaboratively with their peers, the participants were able to enhance their communication and teamwork skills as well.

## Photos



Students Participating in Bridge IT event



Prize Winners of Bridge IT event

First Prize Winners receiving certificates and prize by Dr. Chava Srinivas, Professor, Head and Industry Relations



Second Prize Winners receiving certificates and prize by Dr.B.Pandu Rangarao , Professor & Dean  
Student Affairs



### Students Participating in Seismic Table Event



Test done on models done by students



### Prize Winners of Seismic Table Event

First Prize Winners receiving certificates and prize by Dr. Chava Srinivas (Prof & Head Civil Eng. Dept.)



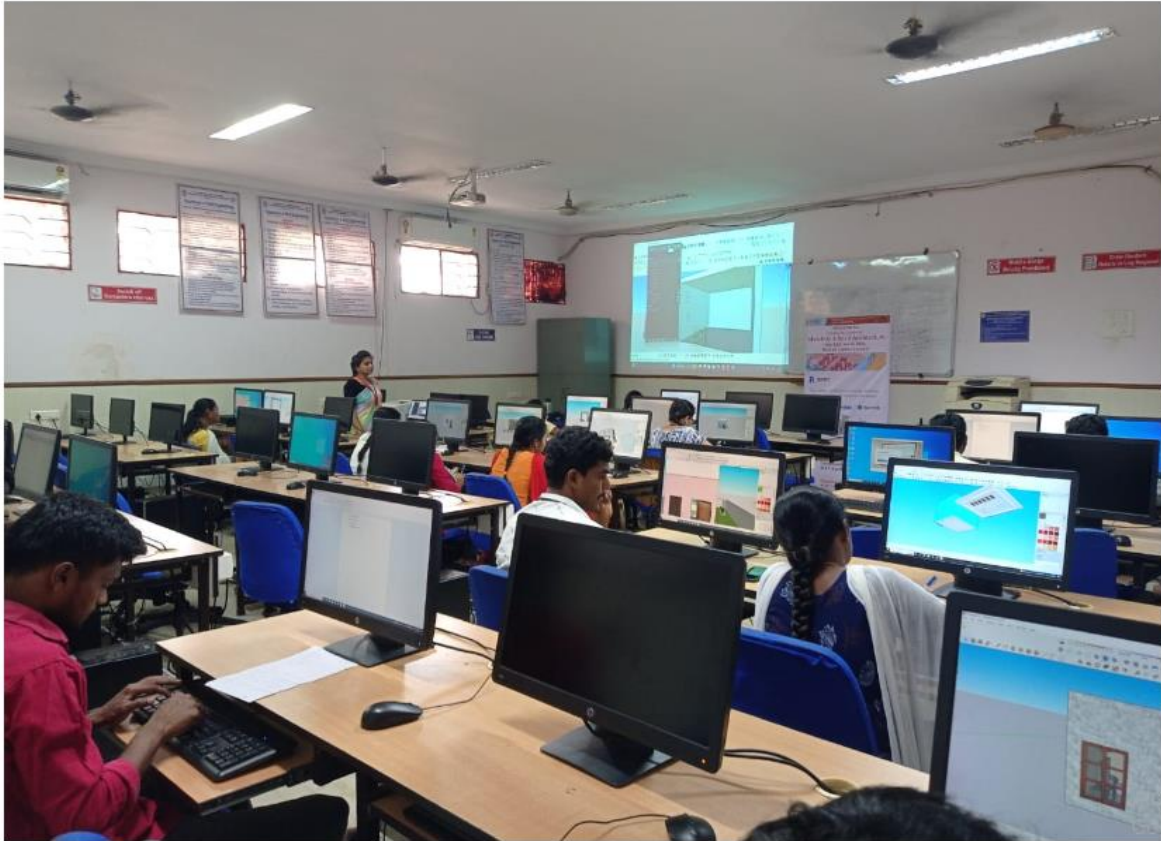
Second Prize Winners receiving certificates and prize by Dr. Chava Srinivas (Prof & Head Civil Eng. Dept.)



**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Event</b>	Certificate Course on SketchUp and Revit Architecture
<b>Date</b>	5 <sup>th</sup> March -13 <sup>th</sup> March 2024
<b>Beneficiaries</b>	4/4 B. Tech Students-31Members
<b>Resource Person</b>	Mr S Prasanna, Kumar& Ms BTriveni Engineering CAD Training Centre, VJA
<b>Objectives of the Training Program</b>	<p>To ensure students are well-equipped with the necessary skills and knowledge in 3D modeling for both creative and professional purposes, integrating tools like SketchUp for Schools and understanding industry standards such as REVIT in Civil Engineering are crucial. Here's a breakdown of how to approach these topics:</p> <p><b>SketchUp for Schools:</b></p> <p><b>Basic Geometry and 3D Modeling:</b></p> <ul style="list-style-type: none"> <li>Start with fundamental concepts such as lines, shapes, and extrusions to introduce students to basic geometry in a 3D space.</li> <li>Teach them how to navigate the SketchUp interface, manipulate objects, and utilize tools for creating and editing geometry.</li> </ul> <p><b>Applying Colors and Materials:</b></p> <ul style="list-style-type: none"> <li>Introduce students to SketchUp's material library and teach them how to apply colors and textures to their models.</li> <li>Encourage experimentation with different materials to understand their visual impact on the model.</li> </ul> <p><b>Personalization and Creativity:</b></p> <ul style="list-style-type: none"> <li>Emphasize the importance of creativity and personalization by allowing students the freedom to add their own touches to their projects.</li> <li>Introduce them to the SketchUp 3D Warehouse as a resource for importing additional models and components to enhance their designs.</li> </ul> <p><b>Project-Based Learning:</b></p> <ul style="list-style-type: none"> <li>Assign projects like the pirate ship playhouse to provide practical experience and reinforce learned concepts.</li> <li>Encourage collaborative work and peer feedback to foster teamwork and communication skills.</li> </ul>
<b>Program outcomes &amp; Highlights</b>	<p>Modeling using with SketchUp and V-Ray are the program outcomes where as the highlights are event provided students with expert training from industry professionals. Through hands-on sessions, they learned to create intricate 3D models using SketchUp's tools and enhance realism with V-Ray rendering. Projects and feedback sessions fostered creativity and teamwork. Upon completion, students received certification, expanded their network, and are now equipped for careers in 3D modeling and design.</p>

**PHOTOS:**



Students getting trained on SKETCHUP





Students getting trained on SKETCHUP



Department of  
Civil Engineering



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**Certificate Course on**  
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**Resource Persons**  
**Mr S Prasanna Kumar & Ms B Triveni**  
**Engineering Cad Training Centre**


**Coordinators:**  
**Smt T Sujatha & Sri AD Kumar**



**Organized by:**  
**ASCE VR Siddhartha Student Chapter**

Poster

**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

<b>Filed Visit to</b>	Kondaveeti Vaagu Lift Irrigation Scheme
<b>Date</b>	15 <sup>th</sup> March, 2024
<b>Beneficiaries</b>	III/IV B. Tech students (100)
<b>Highlights</b>	<p>The field visit to the Kondaveeti Vaagu Lift Irrigation Scheme provided an invaluable learning experience for the 3/4 B. Tech students. Nestled in the heart of the region, this irrigation project serves as a pivotal lifeline for local farmers, ensuring a consistent supply of water for their agricultural endeavours. As the students arrived, they were greeted by the sight of the intricate network of canals, pipelines, and pumping stations that constitute the backbone of the scheme.</p> <p>Under the guidance of site engineers, the students embarked on a comprehensive exploration of the project's infrastructure. They witnessed first-hand the operation of the pumps, the mechanics of water lifting, and the intricate control systems that regulate the flow. Through interactive sessions with project personnel, including engineers and technicians, students delved into the practical aspects of maintenance, troubleshooting, and the day-to-day challenges encountered in managing such a complex irrigation system.</p> <p>Moreover, the visit facilitated a deeper understanding of the socio-economic and environmental dimensions of large-scale irrigation projects. Students engaged in discussions about the project's impact on water resources, soil conservation efforts, and biodiversity conservation measures. By critically analysing these aspects, students gained insights into the broader implications of engineering interventions on local communities and ecosystems. Overall, the field visit not only enriched students' academic knowledge but also instilled in them a greater appreciation for the multifaceted challenges and responsibilities inherent in the field of agricultural engineering.</p>
<b>Photos</b>	 <p style="text-align: center;">STUDENTS, FACULTY AND ENGINEERS AT DELIVERY PIPES</p>



ENGINEER EXPLAINING ABOUT THE LIFT IRRIGATION SCHEME

