

## IN THE HEADLINES

### എഎസ്സിഇ സ്റ്റുഡന്റ് സിമ്പോസിയം സെന്റ്ഗിറ്റ്സ് വിദ്വാർഥികൾക്ക് മികച്ച നേട്ടം

കോട്ടയം: അമേരിക്കൻ സൊ സൈറ്റി ഓഫ് സിവിൽ എൻജി നിയേഴ്സ് (എഎസ്സിഇ) ഇന്ത്യ റീജന്റെ ആഭിമുഖ്യത്തിൽ മുകേ ഷ് പട്ടേൽ സ്കൂൾ ഓഫ് ടെക് നോളജി മാനേജ്മെന്റ് ആൻഡ് എൻജിനിയറിംഗ് മുംബൈ കാ മ്പസിൽ നടത്തപ്പെട്ട ഇന്ത്യ റീജ ൺ സ്റ്റുഡന്റ് സിമ്പോസിയത്ത ൽ പാത്താമുട്ടം സെന്റ്ഗിറ്റ്സ് പ ൻജിനിയറിംഗ് കോളജിലെ ന വിൽ എൻജിനിയറിംഗ് വിഭാഗ വിദ്യാർഥികൾക്ക് മികച്ച നേട്ടം 🕻

സിമ്പോസിയത്തിന്റെ ഭാഗമ ൽ ഏഴിലും വിജയിക്കാൻ നെ ന്റ്ഗിറ്റ്സ് സ്റ്റുഡന്റ് ചാപ്റ്ററിനു സ അമേരികയിൽ ഇന്ത്യയെ പ്രതിനിധീകരിക്കുന്നു

സ്റ്റുഡന്റ് ചാമ്പന്ര്രഷിപിൽ

ുമാർ, മിധുൻ സന്തോഷ് എന്നി ദാാണ് ടീം അംഗങ്ങൾ. 26 മുതൽ വരെ അമേരിക്കയിലെ കാലി

മ്പോസിയത്തിലെ മികച്ച പ്രകടന ത്തിന്റെ അടിസ്ഥാനത്തിലാണ് ഇവരെ തിരഞ്ഞെടുത്തത്. "ടോൽ സ്ഥാപിതായ എച്ച സ്സിഇ ലോകത്തിലെ ഏറ്റവു പഴക്കമുള്ള സിവിൽ എൻജിനിയ റിങ് സംഘടനകളിലൊന്നാണ്

ജയത്തിലൂടെ അമേരിക്കയിര് ടക്കുന്ന എഎസ്സിഇ ആഗേ തല മത്സരങ്ങളിൽ ഇന്ത്യയിര ന്നുള്ള വിദ്യാർഥികളെ പ്രത് ധീകരിച്ച് പങ്കെടുക്കാൻ അർ തയും കോളജിലെ വിദ്യാർഗ ൾ നേടി. സിവിൽ എൻജിന റിംഗ് വിഭാഗം മേധാവി ഡോ.



ാനിരിക്കുന്ന 2025 ASCE സിവിൽ എ യി നടത്തപ്പെട്ട എട്ടു മത്സരങ്ങള് സെത്രിസ്റ്റ് ചാത്യർഷിൽ ഇന്റ്വരെ പ്രതിനിധീകരിക്കുന്ന പാത്താലുട്ടം സെര്ഗ്രീറ്റ്സ് എൻജിനിയറിംഗ് കോളജിലെ സിവിൽ എൻജിനിയറിംഗ് വി

പാത്താമുട്ടം സെന്റ്ഗിറ്റ്സ് കോളജ് വിദ്യാർഥികൾ

ച്ചു. ത്രിഡി ബ്രിഡ്ജ് പ്രിന്റിംഗ കോടയം: പാത്താമുടം സേര്യഗിറ്റ്സ് എൻജിനിയറിംഗ് കാളജിലെ സിവിൽ എൻജിനിയറിംഗ് വിദ്യാൻഥികൾ അമേരിക്കയിൽ നടക്കാനിരില്ലെന്നു 2025 ASCE സിവിൽ എൻജിനിയറിംഗ് സ്റ്റൂഡർ നടക്കാനിരില്ലെന്നു 2025 ASCE സിവിൽ എൻജിനിയറിംഗ് സ്റ്റൂഡർ നടക്കാനിരില്ലെന്നു 2025 ASCE സിവിൽ എൻജിനിയറിംഗ് സ്റ്റൂഡർ സെന്റ് ഗിറ്റ്സ് വിദ്വാർഥികൾ എഎസ്സിഇ

### അമേരിക്കയിൽ നടക്കുന്ന സിവിൽ എൻജിനിയറിങ് സ്റ്റുവ ചാമ്പ്യൻഷിപ്പിൽ പങ്കെടുക്കുന്ന സെന്റ്ഗിറ്റ്സ് എൻജിനിയാ കോളജ് വിദ്യാർഥികൾ

## സിവിൽ എൻജി. സ്റ്റുഡന്റ് ചാമ്പ്വൻഷിപ്

**കമാധിമം** 

## സെന്റ്ഗിറ്റ്സ് കോളജ് വിദ്വാർഥികൾ ഇന്ത്വയെ പ്രതിനിധീകരിക്കും

കോട്ടയം: അമേരിക്കയിൽ നടക്കു വേഴ്സിറ്റിയിലാണ് ചാമ്പ്യ

്റ്റുപ്പ് ക്രാട്ടയം: അമേരിക്കയിൽ നടക്കു വേഴസിറ്റിയിലാ അമേരിക്കയിൽ ഇന്ത്യയെ പ്രതിനിധീകരിച്ച് സെയ്ന്റ്ഗിറ്റ്സ് കോളേജ് വിദ്വാർഥികൾ

എഎസ്സിഇ സ്റ്റുഡന്റ് സിമ്പോസിയം

കാട്ടയം > അമേരിക്കയിൽനടന്ന 2025 എഎ സ്സീഇ സിവിൽ എൻജിനീയറിങ് സ്റ്റുഡന്റ് ചാ മ്പ്യൻഷിപ്പിൽ ഇന്ത്യമെ പ്രതിനിധികരിച്ച് പാത്താ മൂട്ടം സെയ്ൻഗിറ്റ്സ് എൻജിനിയറിങ് കോളേജ് വിദ്യാർഥികാം. അമേരിക്കൻ സൊസൈറ്റി ഓഫ് സിവിൽ എൻജിനിയേഴ്സ് വർഷംതോറും നടത്തു ന്ന ആഗോള മത്സരത്തിൽ സർവേയിങ് കോമ്പറ്റ ഷൻ ഹൈനലിലാണ് കോളേജിലെ സിവിൽ എൻ ജിനീയറിങ് വിഭാഗത്തിലെ നാല് വിദ്യാർഗികഠം പങ്കെടുത്തത്. കേരളത്തിൽനിന്ന് ആദ്യമാണ് ഒരു സംഘം ഇവിടെ ഇന്ത്യയെ പ്രതിനിധികരിക്കുന്നത്. ജോസഫ് ബിനിൽ, മന്നാ അൽമ സാം, നിര

ജന അനിൽകുമാർ, മിധുൻ സന്തോഷ് എന്നിവ രായിരുന്നു ടീമിലെ അംഗങ്ങറം. അമേരിക്കയിലെ കാലിഫോർണിയ പോളിടെക്നിക് സ്റ്റേറ്റ് യൂണിവേ **ഴ്സിറ്റി, സാൻ ലുയിസ് ഒബിസ്പോയിൽവെച്ച്** നടന്ന ചാമ്പ്യൻഷിപ്പിന് മുന്നോടിയായി മുംബൈയിൽ നട ത്തിയ ഇന്ത്യ റീജിയൺ സിംമ്പോസിയത്തിലെ മിക ച്ച പ്രകടനത്തിന്റെ അടിസ്ഥാനത്തിലാണ് ഇവരെ

സെയ്ന്റ്ഗിറ്റ്സ് എൻജിനിയറിങ് കോളേജിൽ എഎസ്സിഇ സ്റ്റുഡന്റ് ചാപ്റ്റർ 2017-ൽ ആണ് സ്ഥാപിതമായത്. കേരളത്തിലെ സിവിൽ എൻജി നിയറിങ് വിദ്വാർഥികാക്കിടയിൽ സാങ്കേതികപ രമായ കഴിവുകഠം വളർത്തുന്നതിനുള്ള വേദിയാ യായി ഇത് പ്രവർത്തിക്കുന്നു്. കോൺ്ക്രീറ്റ് കനോ



🔾 അമേരിക്കയിൽനടന്ന എഎസ്സിഇ സിവിൽ എൻജിനിയറിങ് സ്റ്റുഡന്റ് ചാമ്പ്യൻഷിപ്പിൽ ഇന്ത്യയെ പതിനിധികരിച്ച പാത്താമുടം സെയ്ന്ഗിറ്സ് എൻജിനിയറിങ് കോളേജ് വിദ്യാർഥിക്കാ

പങ്കെടുത്ത കേരളത്തിൽനിന്നുള്ള ആദ്യ ടിം സെ ന്റ്ഗിറ്റ്സ് ആയിരുന്നു. അതിന് 'റൈസിംഗ് സ്റ്റാർ ാവാർഡും' അവർക്ക് ലഭിച്ചു. സിവിൽ എൻജിനീയറിങ് വിഭാഗം മേധാവി

ഡോ. സൂസൻ റോസ്, ഫാക്കൽറ്റി അഡ്വൈസർ ഡോ. റിബു സക്കറിയ കോശി, സ്റ്റുഡന്റ് ചാപ്റ്റർ കോ-ഓർഡിനേറ്റർ ഡോ. ജിതിൻ കുര്യൻ ആൻ ഡ്രൂസ്, സിവിൽ എൻജിനിയറിങ് വിഭാഗം അധ്യാ പകർ എന്നിവരാണ് ടിമിന് പരിശീലനം നൽകിയത്. വിദ്യാർഥികളെ പ്രിൻസിപ്പൽ ഡോ.ടി. സുധ, സെ യ്ന്റഗിറ്റ്സ് ഗ്രൂപ്പ് ഓഫ് ഇൻസ്റ്റിട്യൂഷൻസ് ഡയറക്രർ തോമേസ് ടി. ജോൺ, എക്ലിക്യൂട്ടിവ് ചെയർമാൻ പു

## മുന്ന്സില്ല സിവിടർ എൻജിന്റെ പഴക്കെല്ലള്ള സിവിൽ എൻജിന്റെ തുടെ പ്രലിനിഡിക്കിക്കൻ സ്റ്റ് ഹിന്റ് സംവടന്ദെക്കിലാമനാണ് . സൂട്ടി താരക്കിക്കൻ സോ വർ പ്രചാര് പുറത്ത് സിത്ര സ്ഥാര് പുറത്ത് സിത്ര സ്ഥാര് പുറത്ത് സിത്ര സ്ഥാര് പുറത്ത് പുറത്ത് പുറത്ത് പുറത്ത് പുറത്ത് പുരുത്ത് പുരുത്ത്ത് പുരുത്ത് പുരുത്ത്ത് പുരുത്ത്ത് പുരുത്ത് പുരുത്ത്ത് പുരുത്ത് പുരുത്ത്ത് പുരുത്ത്ത്ത് പുരുത്ത് പുരുത്ത്ത് പുരുത്ത് പുരുത്ത് പുരുത്ത് പുരുത്ത് പുരുത്ത് പുരുത്ത്ത്ത്ത്ത്ത് പുരുത്ത് പുരുത്ത്ത്ത് പുരുത ന വരെ അമേദിക്കയിലെ കാലി ഫോട്ടിണിയ പോളിടെക്ലിക് സ്റ്റേറ്റ് യൂണിവേഴ്സിട്ടി, സാൻ ലുയിസ് ഒമ്പിസ്യോയിലാണ് സ്റ്റ്വഡന്റ് ചാ സ്വൻഷിപ്പ്, മാർച്ചിൽ മുംബൈ യിൽ നടന്ന ഇത്വന്ദ്രിയണ് സി M മാത്രഭൂമി

### സെയ്ന്റ് ഗിറ്റ്സ് എൻജിനിയറിങ് കോളേജ് വിദ്വാർഥികൾക്ക് നേട്ടം



🖸 അമേരിക്കൻ സൊസൈറ്റി ഓഫ് സിവിൽ എൻജിനിയേഴ്സിെ **ആഗോളതല മത്സരങ്ങളിൽ ഇന്ത്യയെ പ്രതിനിധാനംചെയ്യാൻ അ** സെന്റ്ഗിറ്റ്സ് എൻജിനിയറിംഗ് നേടിയ കോട്ടയം സെയ്ന്റ് ഗിറ്റ്സ് എൻജിനിയറിങ് കോളേജിലെ <sup>കോളജിലെ</sup> സിവിൽ എൻജിനി എൻജിനിയറിങ് വിദ്ധർഥികഠാ സ്റ്റുഡന്റ് ചാപ്റ്റർ കോഡിനേറ്റർ ഡോ. ജിതിൻ കുര്യൻ ആൻഡ്രൂസ്, അധ്യാപകരായ ജോ ഫിലിച്ച്, പി. ലക്ഷ്വി എന്നിവരോടൊപ്പം

മുംബൈ▶ അമേരിക്കൻ സൊ

റ്റി ഓഫ് സിവിൽ എൻജിനിയേഴ് സ് (എഎസ്സിഇ) ഇന്ത്യ റീജന്റെ ആഭിമുഖൃത്തിൽ മുകേഷ് പടേ ൽ സ്കൂൾ ഓഫ് ടെക്നോളജി മാനേജ്മെന്റ് ആൻഡ് എൻജിനി യറിംഗ് മുംബൈ കാമ്പസിൽ നട ത്തപ്പെട്ട ഇന്ത്യ റീജൺ സ്റ്റുഡന്റ് സിമ്പോസിയത്തിൽ പാത്താമുട്ട യറിംഗ് വിഭാഗം വിദ്യാർഥിക ൾക്ക് മികച്ച നേട്ടം.

സിമ്പോസിയത്തിന്റെ ഭാഗമാ യി നടത്തപ്പെട്ട എട്ടു മത്സരങ്ങളി ൽ ഏഴിലും വിജയിക്കാൻ സെ ന്റഗിറ്റ്സ് സ്റ്റ്ഡന്റ് ചാപ്റ്ററിനു സാ ഇന്ത്യയെ പ്രതിനിധാനം ധിച്ചു. ത്രിഡി ബ്രിഡ്ജ് പ്രിന്റിംഗ്, സർവേയിംഗ്, ടെക്നിക്കൽ പോ



എഎസ്സിഇ ഇന്ത്യ റീജന്റെ ആദിമുഖ്യത്തിൽ മുംബൈ മുകേഷ് പട്ടേൽ സ്കൂൾ ഓഫ് ടെക്നോളജി മാനേജ്മെന്റ് ആൻഡ് എൻജിനിയറിംഗിൽ ന ന്ന ഇന്ത്യ റീജൺ സ്റ്റുഡന്റ് സിമ്പോസിയത്തിൽ മികച്ച നേട്ടം കൈവരിച്ച് അമേരിക്കയിൽ നടക്കുന്ന എഎസ്സിഇ ആഗോളതല മത്സരങ്ങളിൽ ഇന്ത്വയെ പ്രതിനിധീകരിക്കാൻ അർഹത നേടിയ കോട്ടയം സെന്റ് ഗിറ്റ്സ് എൻജിനിയറിംഗ് കോളജിലെ സിവിൽ എൻജിനിയറിംഗ് വിദ്വാർഥികൾ. സ്തുഡന്റ് ചാപ്റ്റർ കോ-ഓർഡിനേറ്റർ ഡോ. ജിതിൻ കുര്വൻ ആൻഡ്രൂസ്, അധ്വാപകരായ ജോ ഫിലിഷ്, പി. ലക്ഷ്മി എന്നിവരോടൊഷം

നിധീകരിച്ച് പങ്കെടുക്കാൻ അ നിയറിംഗ് വിഭാഗം അധ്യാപ







# 

ASCE SAINTGITS STUDENT CHAPTER

**ANNUAL NEWS LETTER:2024-25** 

## DR. SUSAN ROSE (HEAD OF THE DEPARTMENT)



It gives me immense pleasure to witness the continued growth and enthusiasm of the ASCE Saintgits Student Chapter. The efforts and commitment shown by our students in organizing and participating in various technical events, workshops, and outreach programs reflect their passion for civil engineering and their dedication to building a better future.

In today's rapidly evolving world, it is essential for budding engineers to go beyond textbooks and engage in handson learning, interdisciplinary collaboration, and community-driven initiatives. The ASCE platform provides an excellent opportunity for students to nurture their leadership skills, explore innovative solutions, and stay updated with global engineering trends.

I appreciate the initiatives taken by the student members and faculty advisors of ASCE, and I encourage all students to actively participate, contribute, and learn. Wishing you all great success in your future endeavors.



## FROM MUMBAI TO CALIFORNIA 7 WINS, 1 TEAM, AND A LEGACY OF EXCELLENCE



Mumbai | March 28-29 : The 2025 ASCE India Student Symposium, hosted at MPSTME, Mumbai, brought together top civil engineering talent from across India for the two-day event. Students from 48 ASCE student chapters nationwide were eligible to compete in this two-day event featuring technical challenges, design contests, and networking opportunities.

Among the elite competitors, the ASCE Saintgits Student Chapter emerged as a remarkable force, clinching an impressive total of 7 prizes across a wide spectrum of events. Our team showcased outstanding skills and innovative thinking in the following competitions:

- ASCE Sustainable Solution Competition
- ASCE UESI Surveying Competition
- ASCE 3D Printing Society Wide Pilot
- Symposium Paper Presentation
- Inquisitive Civil Engineering Quiz
- Technical Event Sky is Pink
- Technical Poster Presentation
- Design Innovation Contest



This unprecedented achievement is a result of the relentless dedication of our team consisting of 21 students, 3 faculties .

The victory also earned us the honor of representing India at the ASCE UESI Surveying Society-wide Finals, held at California Polytechnic State University, San Luis Obispo, USA — marking yet another milestone in our journey of excellence.

More details about each competition, our winners, and their inspiring journeys can be found in the following pages — read ahead to relive the moments!



### GLOBAL STAGE BECKONS: OUR ASCE TEAM SECURES AICTE FUNDING OF 8 LAKHS

Technical Education (AICTE) under the Support to Students Participating in Competitions Abroad (SSPCA) Scheme.

Delhi | July 23 : The ASCE Team from the Department of Civil Engineering, Saintgits College of Engineering (Autonomous), has been awarded a travel grant of ₹8 lakh by the All India Council for Technical Education (AICTE) under its Support to Students Participating in Competitions Abroad (SSPCA) scheme.

Representing India at the prestigious ASCE Society-Wide Competitions in the USA in June 2025, each student will receive upto ₹2,00,000 to support their participation, enabling them to showcase their technical skills, creativity, and innovation on a global stage.

This milestone reflects both the exceptional caliber of Saintgits students and the institution's dedication to providing global exposure. AICTE's recognition reinforces its commitment to nurturing future-ready, world-class engineers.

### ASCE SAINTGITS SECRETARY EARNS HISTORIC RECOGNITION FROM ASCE HEADQUARTERS



Along with the Committee on Student Members

Recognizes

#### Joseph Binil, Aff.M.ASCE

As a Model of Student Leadership for Saintgits College of Engineering ASCE Student Chapter







Kottayam | June 10 : In a first for the ASCE Saintgits Student Chapter since its inception, Secretary Joseph Binil has been formally recognized by the ASCE Headquarters for his exemplary contribution as a student leader. This honor was awarded after a thorough evaluation of his impactful work as Design Lead, Event Coordination Lead, and Secretary during his time at Saintgits College of Engineering.

The recognition, signed by the ASCE President (2025) and the Chair of the Committee on Student Members, highlights his leadership, dedication, and commitment to advancing the chapter's legacy. Coming from one of the world's most respected professional organizations in civil engineering, this milestone sets a benchmark for future members and marks a proud moment in the chapter's history.

### ASCE SUSTAINABLE SOLUTIONS COMPETITION: 2ND PRIZE FOR SAINTGITS TEAM



Mumbai | March 28–29, 2025 : The ASCE Sustainable Solutions Competition tasked participants with redeveloping a low-occupancy commercial site into a sustainable, mixed-use space that could serve as a hub for the college community.

Saintgits team designed an innovative, eco-conscious site plan using SketchUp, integrating stormwater management, renewable energy solutions, and affordable housing provisions. Their presentation was followed by Q&A session and a poster presentation, testing the team's creativity, technical expertise, and communication skills. Rising to the challenge, Saintgits secured second place The team guided by Er. Manoj C M comprised Joseph Binil, Manu M Kumar, Sithara Rose Gison, Abhishek Jacob, and Jazim Muhammed, who together showcased a fine blend of engineering skill and sustainable vision.

# SAINTGITS CHAMPIONS UESI SURVEYING COMPETITION, HEADS TO INTERNATIONAL FINALS



Mumbai | March 28–29, 2025 : The UESI Surveying Competition, held during the ASCE India Student Symposium 2025, tested participants on field-level precision, teamwork, and technical knowledge. A sixmember team from Saintgits guided by Er. Vincy Koshy & Mr. Kurian Varghese — Varun Chand , Niranjana A, Shobin George, Midhun Santhosh, Aadikiran I, and Jeffin Jaimon showcased their expertise in core surveying methods.

The Saintgits team approached each round with exceptional coordination and confidence. Their attention to detail, systematic planning, and technical accuracy enabled them to complete tasks with efficiency. Among numerous colleges nationwide, they emerged as Winners of the UESI Surveying Competition. Adding to the pride, the team was officially chosen to represent India at the international round in the United States, gaining global exposure and the chance to compete on a world stage.

### DR. JITHIN KURIAN ANDREWS (ASCE STAFF COORDINATOR)



ASCE Student Chapter Saintgits was established in 2018 and has grown significantly, making its mark on global platforms over the past seven years. We take pride in being one of the first student chapters from Kerala and the pioneering team from the state to participate in the National Concrete Competition. In 2025, we proudly achieved a major milestone by participating in the ASCE Society Wide Competition held in the USA. We extend our sincere gratitude to AICTE for supporting our journey through the SSPCA Travel Grant We thank Scheme. also management of Saintgits College for their unwavering support over the past seven years

## 3D PRINTED SUCCESS: SAINTGITS BRIDGE IMPRESSES WITH ZERO DEFLECTION

Mumbai | March 28–29, 2025: The ASCE 3D Printing Competition, a pilot event, provided a platform for student teams to innovate and demonstrate engineering skills through the development, fabrication, and assembly of a bridge model. A team of nine students from the ASCE Saintgits Student Chapter — Joseph, Adithya, Manna, Anjali, Gayathri, Jain, Adithyan, Aiswarya, and Uthara — rose to the challenge with an impressive display of creativity and technical expertise.





As part of the competition, the team was tasked with designing and fabricating a bridge using 3D printing technology. Their bridge model was meticulously engineered, printed in modular parts, and assembled within a fixed time. When tested, the bridge showed zero deflection, and the design was optimized for load efficiency, stiffness, and feasibility—reflecting strong technical understanding and practical execution. The team was guided by Er. Lakshmi P ,Er. Sailesh K S & Dr. Nivin Philip

Saintgits is the only institution in Kerala to possess a concrete 3D printer, and the team aims to print a large-scale model of the bridge soon. In addition to the structural model, the team showcased their project through a comprehensive technical presentation and a visually informative poster. Saintgits secured First Position in the competition, marking a proud achievement for the institution.

B L U E P R I N T

## ADITHYA T. NAIR WINS SECOND PLACE IN MEAD PAPER PRESENTATION AT SYMPOSIUM



Mumbai | March 28–29, 2025 : The Mead Paper Presentation, inspired by the Daniel W. Mead Prize for Students, invited participants to present papers on pressing topics in civil engineering. The event highlighted the critical thinking and communication skills of aspiring engineers.

Adithya T. Nair, representing Saintgits College of Engineering, presented a paper titled "Role of Civil Engineers in Managing Infrastructure Disasters." The presentation explored both proactive and reactive roles of civil engineers in disaster mitigation, supported by structured arguments and real-world case studies. Adithya was awarded Second Position in the competition, with the judges commending the clarity, depth, and relevance of the presentation.

## STRONG TEAMWORK EARNS SAINTGITS 2ND IN ENGINEERING QUIZ



Mumbai | March 28–29, 2025 :The Inquisitive Civil Engineering Quiz was a competitive event aimed at testing the technical knowledge and conceptual understanding of students, with questions based on the IES and GATE syllabus.

The guiz featured four rounds: the Filtration Round (individual written quiz), Pictorial Round (imagebased technical questions), Chit Picker Round (domain-specific rapid questions), and Tik to Win (fast-response challenge). Scoring was based on accuracy and speed, with penalties for incorrect or delayed answers. Saintgits was guided by Er. Joe G Philip and represented by Adithya T Nair, Anagha B Gopal, and Janet Susan Jaison, who delivered a strong performance and secured the second position in the They demonstrated competition. exceptional performance throughout the guiz and secured the second position. Their achievement highlighted both their academic excellence and teamwork under pressure.

### DR. SOOSAN GEORGE T (DEAN, CIVIL ENGINEERING)



It gives me great pleasure to extend my greetings to all members of the ASCE Student Chapter of Saintgits. The chapter has been a vibrant platform for our budding civil engineers to explore, learn, and contribute beyond the classroom. Through its various initiatives, students have gained valuable exposure to professional practices, emerging trends, and collaborative learning —essential elements in shaping competent and responsible engineers.

I congratulate each one of the students and faculty coordinators for their active participation in the events, workshops, and technical activities organized both within and outside the campus. I trust these experiences have not only enriched your technical knowledge but also strengthened your leadership, teamwork, and problemsolving abilities—qualities that are vital to success in the civil engineering profession—and have brought added laurels to our institution. Let us continue to work together to uphold the values of ASCE and strive for excellence in all our endeavors.

# DESIGN INNOVATION SPOTLIGHT: AFFORDABLE SEISMIC SAFETY WITH SCRAP TYRES



Mumbai | March 28–29: The Design Innovation Contest was held to foster creativity, practical problem-solving, and innovative thinking among aspiring civil engineers. A three-member team from Saintgits — Jeffin Jaimon, Manna Alma Saam, and Joseph Binil — guided by Er. Ancy Mathew participated and impressed the judges with a well-structured presentation of a unique, feasible design solution.

The project explored the use of scrap tyres as economical base isolators to enhance earthquake resilience of masonry buildings. This sustainable approach repurposes waste tyres to provide affordable seismic protection, especially in regions where conventional systems are financially unfeasible. Tests showed tyre-based isolators effectively reduce seismic forces, offering a cost-efficient and environmentally friendly solution for safer low-income housing.

## HIGHLIGHTING URBAN PLANNING: SAINTGITS TEAM'S AWARD-WINNING POSTER

Mumbai | March 28–29 : The Technical Poster Presentation was a key academic event held as part of the ASCE India Student Symposium 2025. The event provided a platform for students to showcase their research and innovative ideas on critical topics in Civil Engineering. They presented on the topic "The Role of Engineers in Urbanization", highlighting the importance sustainable planning, innovative construction practices, and infrastructure development in shaping growing cities. Their work demonstrated strong technical expertise and exceptional presentation skills.

The Saintgits team secured Second position for the competition. The team members were Manna Alma Sam, Sitara Rose Gison and S Uthara Nair.



#### 3D PRINTING WORKSHOP LED BY NATIONAL LEVEL WINNERS

Kottayam | April 4, 2025 : The ASCE Saintgits Student Chapter organized a 3D Printing Workshop for civil engineering students from first year to final year, aimed at introducing the fundamentals and applications of 3D printing in the field.

The session was led by the winning team of the 3D Printing Competition at the ASCE India Student Symposium 2025, Mumbai. They shared insights from their journey, discussing challenges, solutions, and strategies that led to their national victory. 3d printer and materials were brought for providing the students a handon experinece



The workshop also guided students on essential skills for participating in future ASCE competitions. It was coordinated by Dr. Jithin Kurian Andrews (Faculty Coordinator) along with student coordinators Mr. Varun Chand S and Mr. Adhithyan M. The session effectively combined technical knowledge, real-world exposure, and inspiration.

# GLOBAL STAGE: SAINTGITS COMPETES AMONG TOP TEAMS AT ASCE CHAMPIONSHIP 2025, CALIFORNIA



San Luis Obispo, California | June 27–29, 2025 : The ASCE Civil Engineering Student Championship 2025 was hosted by California Polytechnic State University, San Luis Obispo, USA, bringing together top student teams from around the world. Held from June 27 to 29, the event marked the grand finale of regional competitions and served as a prestigious platform for showcasing technical expertise, problem-solving skills, and teamwork in civil engineering.

A four-member team from Saintgits College of Engineering proudly represented India in the Surveying Competition, which tested participants through a series of rigorous, real-world surveying tasks. The team comprised Joseph Binil, Niranjana A, Manna Alma Saam, and Midhun Santhosh.

Competing against 19 international teams from globally renowned institutions, the participation of the Saintgits team in such a high-level event was a significant milestone—bringing recognition and honor to both the college and the country.

## SPREADING WARMTH BEYOND THE CLASSROOM

Kottayam | 6 August 2024: ASCE Saintgits Student Chapter, in association with the Department of Civil Engineering and ISTE. organized а heartwarming visit Snehakoodu Abhayamandiram, Baker Junction, Kottayam. This initiative aimed to compassion, empathy, and community engagement among students.



The visit allowed students to spend quality time with the residents, share stories, and brighten their day with heartfelt conversations and smiles. It was a beautiful reminder that kindness and human connection hold as much value as academic excellence.

Through this event, Saintgits College of Engineering once again demonstrated its commitment to nurturing not only skilled engineers but also responsible and empathetic citizens.

# SKETCHUP COMPETITION TO PROMOTE 3D DESIGN SKILLS



April 19, 2025 | Online: Following the successful SketchUp basics workshop, the ASCE Saintgits Student Chapter organized a SketchUp Competition aimed at encouraging creativity and hands-on learning among civil engineering students.

The competition challenged participants to design a Sustainable Bus Stop Model using SketchUp, promoting both technical skill and environmental awareness. Conducted in online mode, the event saw the participation of 10 students from the Civil Engineering Department.

The winners were announced via the official WhatsApp group. Abhishek Jacob secured First Place, followed by Gikil G in Second, and Aadithyan K Linesh in Third position.

The competition provided a valuable opportunity for students to apply their design knowledge in a practical setting, enhancing both creativity and software proficiency.

### **Did You Know?**

#### 1. Roman Concrete Lasts Millennia

Roman concrete, made with volcanic ash, is still standing strong after 2,000 years—stronger than many modern materials.

#### 2. The Longest Bridge

The Danyang-Kunshan Grand Bridge in China is the world's longest bridge—stretching over 164 km!

#### 3. Oldest Civil Engineer

The world's first known civil engineer was Imhotep from Ancient Egypt—he designed the Step Pyramid of Djoser around 2630 BC.

#### 4. Buri Khalifa = Concrete Marvel

The foundation of the Burj Khalifa used over 45,000 m³ of concrete—enough to fill 18 Olympic swimming pools!

# ASCE SAINTGITS SHARES CHAMPIONSHIP JOURNEY IN INTERACTIVE SESSION HOSTED BY COLLEGE OF ENGINEERING TRIVANDRUM

July 28, 2025 | Online : ASCE Saintgits Student Chapter was invited inspiring interactive session hosted by the ASCE CET Student Chapter. Held at 8:00 PM via Google Meet, the event served as a platform for collaboration, knowledge sharing. and celebration of student excellence.The session highlighted the remarkable achievement of Team ASCE Saintgits, who represented India at the ASCE Student



Championship 2025 in California, USA, following their national-level victory in the UESI Surveying Event. Their journey from national champions to global representatives inspired attendees across institutions.

During the session, the team shared valuable insights, challenges faced, and lessons learned. A Q&A session followed, encouraging engagement and interaction.

The event exemplified the spirit of ASCE, showcasing how interchapter collaboration fosters shared motivation and collective growth. The session coordinated by Dr. Anusha S P, Faculty Advisor, ASCE CET

### DR. REEBU ZACHARIAH KOSHY (ASCE FACULTY ADVISOR)



As the faculty advisor, I am immensely proud of the ASCE Student Chapter for their exemplary achievements at the national level over the past year. Their dedication, innovation, and teamwork have brought great recognition to our institution and set a benchmark for excellence. I commend Dr. Jithin Kurian Andrews and each member of the chapter for their relentless pursuit of excellence and their role in elevating the chapter to new heights.

# ASCE SAINTGITS HOSTS ONLINE SESSION FEATURING ASCE PRESIDENT ELECT MARSHA ANDERSON BOMAR

July 15, 2025 | Online: The Department of Civil Engineering, in association with the ASCE Saintgits Student Chapter, organized an insightful experience sharing session that brought together civil engineering students from across Kerala.

The session featured Ms. Marsha Anderson Bomar, ASCE President-Elect, as the guest speaker. She delivered an engaging talk on "Opportunities in ASCE," highlighting the academic, leadership, and networking benefits available to student members through ASCE's global initiatives.





The event began with a welcome address by Dr. Jithin Kurien Andrews (Faculty Coordinator). Following the keynote, Manna Alma Sam (CE 2021–2025), who represented India at the ASCE Student Championship in the USA, shared her experience, preparation journey, and key takeaways from the prestigious international event.

A Q&A session encouraged student interaction and discussion, adding further value to the session. Approximately 60 students from the Civil Engineering Department attended the event.

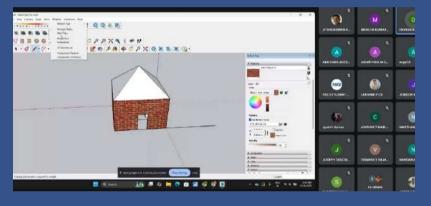
B L U E P R I N T

## ONLINE SKETCHUP WORKSHOP FOR CIVIL ENGINEERING STUDENTS

April 11, 2025 | Online: The ASCE Saintgits Student Chapter, in collaboration with the Department of Civil Engineering, conducted an online workshop on SketchUp software at 7:30 PM, aimed at providing students with hands-on exposure to digital design tools used in civil and architectural projects.

Mr. Devesh K Nampoothiri (CE 2019–2023) and Mr. Manu M Kumar (CE 2021–2025) served as the resource persons, offering a detailed walkthrough of SketchUp's basic tools and functionalities. The session began with a welcome note by Er. Lakshmi P.

The interactive session helped participants gain a practical understanding of 3D modeling using SketchUp. A Q&A session at the end allowed students to clarify doubts and interact with the speakers. The event witnessed the participation of around 65 students.



## "SKY HIGH BALLOON" CHALLENGE FOR FIRST-YEAR CIVIL ENGINEERING STUDENTS

Kottayam | January 17, 2025 :The ASCE SAINTGITS Student Chapter hosted the "Sky High Balloon" Challenge for first-year Civil Engineering students at the VB Block Drawing Lab from 12:30 PM to 1:30 PM.Fortyfive students, divided into five



Teams, competed to build the tallest and most stable tower using only balloons and tape. The event emphasized creativity, structural design, and teamwork under time constraints.

Student coordinators Sitara Rose Gison, Anjali A, Janet Susan Jaison, and Abhishek Jacob led the event. Jeena, Sona ,Meeralekshmi ,Avani ,Abineesh ,Shylesh ,Asher, Vaishnav and Amal impressed the judges with their structure's height, stability, and innovative design. They received a cash prize, while all participants earned e-certificates. The event fostered collaboration and hands-on learning.

### ASCE SAINTGITS BIDS FAREWELL TO FINAL YEAR STUDENTS

April 11, 2025 | Saintgits College: The ASCE Saintgits Student Chapter organized an offline farewell to honor the final year students. The event featured welcome speeches, games, memory-sharing sessions, and heartfelt messages from faculty and juniors.

Mementos were presented as tokens of appreciation, and the celebration concluded with a cake-cutting ceremony. The event reflected the strong bond within the ASCE family and left lasting memories for all who attended.



## MANNA ALMA SAAM (PRESIDENT, ASCE SAINTGITS STUDENT CHAPTER)



The journey with the ASCE Saintgits Student Chapter has been nothing short of inspiring. Every step we have taken together from seminars and industrial visits to impactful outreach activities — has strengthened our skills, broadened our perspectives, and extended our influence far beyond the campus. The passion and dedication of our members have truly been the heartbeat of every achievement. Looking ahead, I urge every member to dream bigger, aim higher, and seize every opportunity. Together, as one ASCE family, let's build a chapter that inspires, achieves, and leaves a lasting mark.

B L U E P R I N T

#### **ON-SITE LEARNING AT MANARCADU**

July 24, 2025 | Manarcadu : As part of the ASCE Saintgits Student Chapter activities, a site visit was conducted to observe the foundation work of a multi-storeyed building under construction at Manarcadu.

Starting at 9:00 AM, the visit offered 35 participating students hands-on exposure to key construction practices, including excavation, reinforcement detailing, and formwork used in high-rise projects. The visit was coordinated by Faculty Coordinator Dr. Jithin Kurien Andrews and provided students with a practical understanding of classroom concepts.



## INTERACTION SESSION ON INSIGHT OF USA TRIP



July 10, 2025 | VB Seminar Hall: The ASCE Saintgits Student Chapter, in collaboration with the Department of Civil Engineering, organized an interaction session for 3rd and 4th year students, featuring distinguished Mr. Joseph Binil.

The session began with a welcome note by Dr. Jithin Kurien Andrews. Mr. Joseph Binil shared his professional journey and involvement with ASCE, along with insights from the recent ASCE Civil Engineering Student Championship in the USA, where he interacted with global professionals and attended technical sessions. It was truly inspiring for all the attendees. The event concluded with a Q&A session, followed by a vote of thanks by Ms. Susan Rose, Head of the Department

### JOSEPH BINIL (SECRETARY, ASCE SAINTGITS STUDENT CHAPTER)



I am truly honored to share my message in the first ASCE Saintgits Student Chapter newsletter since its inception. My journey began on the very first day of B.Tech, when Jithin Sir introduced the chapter during our induction. From casting the "Pegasus" Concrete Canoe, to attending the National Symposium in Mumbai, and finally representing India at the ASCE 2025 Civil Engineering Student Championships in the USA the experience has been nothing short of extraordinary.

This year brought a proud milestone: I became the first office bearer of our chapter to be formally recognized by ASCE Headquarters for exemplary leadership as Design Head, Event Coordination Head, and Secretary. ASCE has been one of the most defining parts of my college life a legacy from our seniors that we now pass to our juniors. To my successors: carry it forward with passion and dedication. Work hard, and your efforts will one day reward you in ways you never expect.

## SANJAY JAYAKUMAR (FORMER PRESIDENT) CONSTRUCTION MANAGER, NNC ARABIA



I was one among the founder members of the ASCE Saintgits Student Chapter and had the privilege of serving as the captain of the first concrete canoe team from Kerala. This achievement is a source of great pride for me and has significantly contributed to my professional growth. The experience shaped my critical thinking abilities and strengthened my capacity to think innovatively.

The dedication, teamwork, and networking involved in the canoe-building process greatly enhanced my real-world skills, particularly in building strong professional relationships and communicating effectively with clients. I am proud of the milestones the chapter has achieved over the years and am confident that even greater accomplishments lie ahead.

#### **NEW LEADERSHIP <<<<<** >>>>

2025-2026



2022-26



ADHITHYAN M 2022-26



**JACOB** Treasurer 2023-27



**NAIR** 

### **American Society of Civil Engineers**

The American Society of Civil Engineers (ASCE), founded in 1852, is one of the oldest and most respected professional organizations in the world. With more than 150,000 members across 170 countries, ASCE is dedicated to advancing the science and practice of civil engineering for the welfare of humanity. ASCE shapes modern cities by developing standards like ASCE 7, promoting sustainable infrastructure, and engaging in policy advocacy. It organizes conferences, publishes research, and supports students through chapters, competitions, and mentorship. Its Report Card for America's Infrastructure highlights the urgent need for investment in critical infrastructure.

### **LIDIYA ANN THOMAS** (EDITOR)



is my privilege to present this edition of our ASCE Student Chapter Newsletter. Through these pages, we share the aim remarkable activities. achievements.and insights of our vibrant students. Each event highlights our technical growth, teamwork, creativity, and passion to make a difference.

ASCE is more than a professional body; it is a community where knowledge meets passion and where every contribution helps shape better tomorrow. I hope this edition motivates participate, share, and grow.

### **JANET SUSAN JAISON** (EDITOR)



As the student editor of the Saintgits Student Chapter newsletter, I am delighted to present this edition, which reflects the hard work, creativity, and dedication of our members. This platform is more than just a record of events—it's a space to share knowledge, celebrate achievements, and inspire innovation in Civil Engineering. Through each article and update, we aim to community keep informed, connected, and motivated pursue excellence. I extend mν heartfelt thanks contributors and readers for being part of this journey. Together, we build not only structures stronger, more vibrant engineering community.

### **ABHISHEK KURIAN** (FORMER PRESIDENT) TRAFFIC ENGINEER, HDR ENGINEERING, TEXAS, USA



As a Saintgits alumnus, being part of ASCE Saintgits student chapter transformed my college experience and launched my career in both India and the USA. Leading events and collaborating with passionate peers sharpened my skills, boosted my confidence, and built a strong professional network. I encourage all students to get involved, step up as leaders, and seize every opportunity ASCE Saintgits offers. When I sought internships in the US, a company vice president indicated that my leadership experience from ASCE as Concrete Canoe Captain was a key factor in securing the position, demonstrating how valuable ASCE involvement can be. I continue to follow updates from ASCE Saintgits with great admiration and will always support the chapter's outstanding work and initiatives.



























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