



CHRIST
COLLEGE OF ENGINEERING
(AUTONOMOUS)



RECEPTIVE ASSOCIATION OF CIVIL ENGINEERS

CIVIL-O-PPEEDIKA

Department of Civil Engineerng



DEPARTMENT OF CIVIL ENGINEERING

VISION

To be a recognized centre for moulding technically competent and socially committed Civil Engineering professionals through quality education and practical training.

MISSION

1. To impart quality education in Civil Engineering by integrating theory and practice, keeping pace with emerging technologies.
2. To encourage students to take up innovative research projects that can benefit the society.
3. To mould competent professionals upholding sustainable practices, ethical values, leadership qualities and lifelong learning capabilities.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

Graduates will be able to:

1. Apply expertise in structural, geotechnical, transportation, water resource, construction management and environmental engineering to develop sustainable solutions in the Civil Engineering domain.
2. Design civil engineering systems integrating quality, safety, ethical standards and societal requirements.
3. Use conventional and modern tools in the field of Civil Engineering to address the requirements of industry and higher education.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

Graduates will be able to:

1. Apply engineering knowledge and modern technologies in various domains of Civil Engineering to execute projects.
2. Develop an attitude for higher studies, research and innovation to foster adaptability for global professional requirements.
3. Comprehend societal needs for sustainable development and attain optimal solutions ethically through team work and lifelong learning.

R.A.C.E

EXECUTIVE COMMITTEE

2025 – 2026



RECEPTIVE ASSOCIATION OF CIVIL ENGINEERS



JOINING OUR CIVIL FAMILY



Mr. Godwin P A
(Asst. Professor)



Dr. Vivek K Viswanath
(Asst. Professor)



Mr. Abhishek Wilson
(Technical Staff)

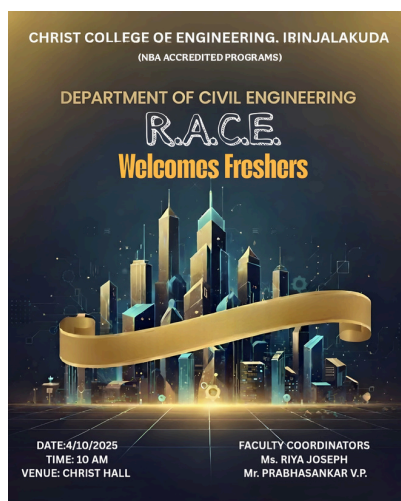


Sr. Alphonsa Philip
(Asst. Professor)

THEY LEAD...

The Executive Committee of RACE (Receptive Association of Civil Engineers) for the academic year 2025–26 was successfully elected, marking the beginning of a dynamic and inspiring journey. Driven by passion, innovation, and a strong commitment to excellence, Led by Faculty Coordinators Mr. Prabhasankar V P and Ms. Riya Joseph, the newly elected leaders brought fresh perspectives and remarkable energy to the association.

WELCOME FRESHERS



The Receptive Association of Civil Engineers (R.A.C.E) conducted the Initiation Day for the freshers on October 4, 2025. It was followed by Alumni Talk by Anna Saju and later an Expert talk by Er. Ashish Jacob.



ENVOTECH CLUB

EXECUTIVE COMMITTEE

2025 – 2026


ENVO TECH

CORE TEAM

A new academic year brings new energy and new leaders to ENVOTECH CLUB at Christ College of Engineering, Irinjalakuda. The 2025–26 Executive Committee steps forward with fresh ideas and a shared vision to promote environmental awareness and sustainable practices.

Guided by Faculty Advisors Shicy N S and Vinitha E V, the team looks ahead to a year of meaningful actions, learning, and positive change.

ECOAWARE 4.0

The Envo Tech Club of the Department of Civil Engineering successfully organized the 4th edition of its school interaction program, EcoAware, with the aim of spreading environmental awareness among school students.

Eco Aware
STUDENT MASTER PROGRAM

Water Crisis and Smart Water Management

Location: HDP Higher Secondary School, Edathirinji

Date: 26/07/2025 Saturday

Time: 1:30 P.M

FACULTY COORDINATORS:
VINITHA E V
SHICY N S

STUDENT COORDINATORS:
SREELAKSHMI N
JOWANA JOSE



As part of this initiative, an interactive session was conducted at HDP Higher Secondary School, Edathirinji, for Plus Two Science students. The theme of the session, “Water Crisis and Smart Water Management,” addressed one of the most pressing environmental challenges faced globally today.



ENVOTECH CLUB

QUIZZES AND COMPETITIONS

2025 – 2026


ENVO TECH

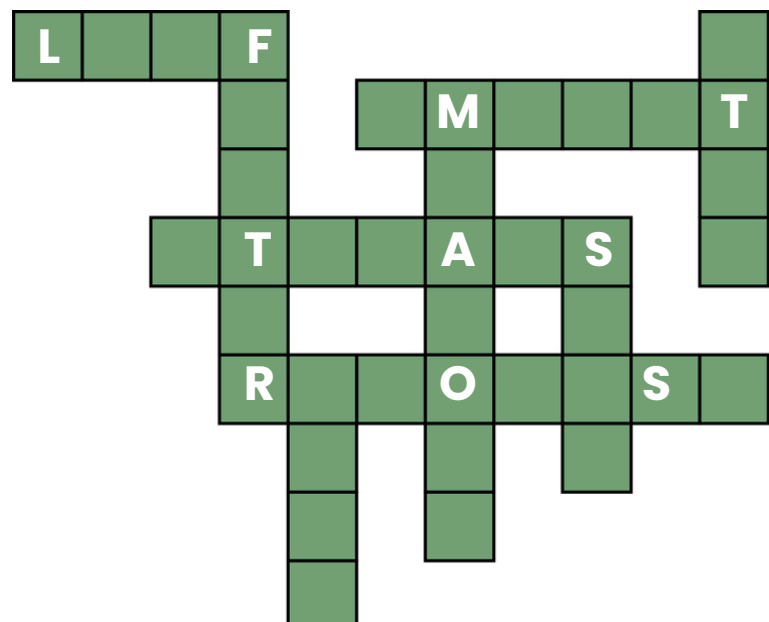
ECOQUEST

A new wave of ideas and innovation marked ECOQUEST, held on 26th September 2025, an idea-pitching competition organized by the ENVOTECH Club, Department of Civil Engineering, in association with the Project Club at Christ College of Engineering, Irinjalakuda. Centered with the theme "Green Classroom", the event received an overwhelming response with the participation of 20 teams, including enthusiastic students from both schools and colleges. The young innovators showcased creative and sustainable ideas, making the competition a remarkable platform for knowledge sharing and environmental



FIND ME HIDDEN

An **envo - tech**
crossword puzzle



Irinjalakuda, Kerala, India
9657+633, Irinjalakuda, Kerala 680125, India
Lat 10.357986° Long 76.212748°

ENVOTECH CLUB

FACULTY TRAINING PROGRAM

2025 – 2026


ENVO TECH

HANDS ON TRAINING ON ADVANCED SURVEY TECHNIQUES

3 Days Faculty Training Program on

MAPPING THE FUTURE

HANDS-ON WITH DGPS, LIDAR, AND AERIAL SURVEY TECHNIQUES

12-09-2025
ON 15-09-2025
16-09-2025
Resource Persons:
**Mr. Vipin Raj R & Mr. Viju Darwin
Lawrence & Mayo Pvt. Ltd., Cochin**
Faculty Coordinators:
**Ms. Vinitha E. V.
Ms. Shicy N. S.**

A two-day hands-on training program on advanced surveying techniques was conducted by the Department of Civil Engineering at Christ College of Engineering on 15th & 16th September 2025. The program, titled "Mapping the Future", focused on practical learning of DGPS system, LiDAR survey, and Aerial Survey Techniques.

This training program was organized for Civil Engineering faculty members, lab staff, and M.Tech students to enhance their technical knowledge and skills in modern surveying technologies. The sessions were led by experienced resource persons Mr. Vipin Raj R and Mr. Viju Darwin from Lawrence & Mayo Pvt. Ltd., Cochin.

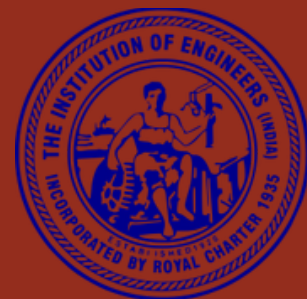
During the program, participants got hands-on experience in using DGPS for precise measurements, LiDAR for topographic data, and aerial survey techniques with drones. The training aimed to bridge the gap between theory and practice, helping participants apply these techniques in real projects.

The event was coordinated by Ms. Vinitha E. V. and Ms. Shicy N. S., and proved to be highly beneficial in strengthening the technical capabilities of the participants in the field of modern surveying practices.



IEI STUDENT CHAPTER

EXECUTIVE COMMITTEE 2025-2026



NEW RESPONSIBILITIES.

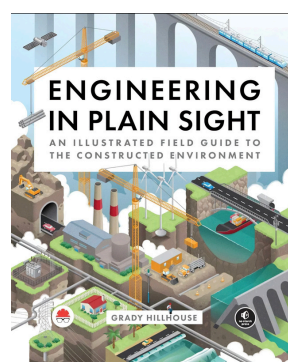
The Institution of Engineers (India) (IEI) STUDENT CHAPTER, Christ College of Engineering has successfully constituted the Executive Committee for Academic Year 2025 - 2026 and is led under the guidance of Faculty coordinator Ms. Angitha Sasindaran.

The Institution of Engineers (India) (IEI) is a premier professional body of engineers that promotes engineering excellence, innovation, and knowledge sharing. With a rich history spanning over a century, IEI has been fostering growth and development in the engineering fraternity through various activities, including technical events, research and development initiatives, and professional development programs.

WORKSHOP

The Institution of Engineers (India) Kochi Local Centre organized an All India Workshop on _"Building a Greener Tomorrow: Advances in Sustainable Construction"_ on 22nd & 23rd August 2025 at IEI Bhavan, Kochi.

Appreciating our S7 CE students Nasreen K N, Gouri M R, Mithra Joshi, Anett Paul, Swathilakshmi & Esther Jacson for attending the session on 23.8.25 Saturday, under the guidance of IEI Faculty Advisor Ms. Angitha Sasidharan.



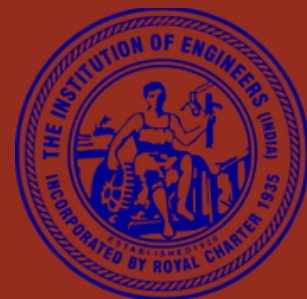
Engineering in Plain Sight

Author: Grady Hillhouse

This book is a fascinating guide that explains the hidden engineering behind everyday infrastructure—like roads, bridges, water systems, and power networks. It helps readers understand how civil engineering shapes the world around us in a simple and engaging way.

IEI STUDENT CHAPTER

WORKSHOPS AND COMPETITIONS



MS EXCEL - ONE DAY WORKSHOP

The Institution Of Engineers (India) Students' Chapter of the Department of Civil Engineering successfully organized a workshop today for S7 students in association with Ziuke Infotech. The session on M S Excel For Engineering Applications (Essentials) provided hands-on experience in using Excel for data analysis, problem-solving, and project-related applications beneficial for both academics and professional growth.

The event was coordinated by Ms. Angitha Sasidharan along with student coordinators Deveena George and Nizal K. N. (S7 CE).



Technical Talk By Er. Sasikumar

From Basic Concepts to Design Practices, a thoughtful Technical session was conducted for S5 CE students on August 12, 2025. The Session was led by Er. Sasikumar, Chartered Engineer.

DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED PROGRAM)

Student Enrichment Program

Structural Engineering: Concepts to Practice

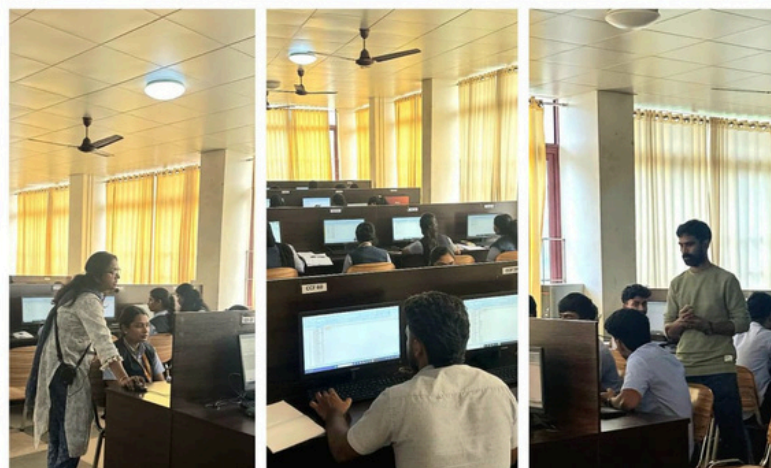
in association with

Sasikumar associates
Foundation & Structural Engineers
ISO Certified Company

August 12, 2025
9.00am - 4.30 pm
(Session 1)

for semester 5 (2023-27 batch) students

FACULTY COORDINATOR: Ms. Angitha Sasidharan (Asst. Professor, CE Dept.)



BAI STUDENT CHAPTER

EXECUTIVE COMMITTEE 2025-2026



Estd. 1941

CONNECTING THE ENGINEERING WORLD....

Fostering Industry-Academia Synergy: In a significant stride toward bridging the gap between industry and academia, the Builders; Association of India (BAI), Thrissur Centre, has joined hands with Christ College of Engineering (CCE), Irinjalakuda, to establish a vibrant and purpose-driven Students' Chapter within the institution. This collaboration is grounded in mutual trust, shared vision, and a commitment to advancing the knowledge and professional development of budding civil engineers. The primary objectives of this collaboration are to foster academic interest, provide students with real-world exposure, and facilitate the exchange of expertise. BAI and CCE aim to strengthen civil engineering education by promoting research, quality teaching practices, and engagement with modern construction technologies.

CHRIST COLLEGE OF ENGINEERING, IRINJALAKUDA
DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED)

**INAUGURATION OF
BAI STUDENTS' CHAPTER CCE**

**EXCOM
2025-26**

 Dr. KRISHNAPRIYA M G Faculty Coordinator	 Dr. SHERJAH P YUSUF ALI Faculty Coordinator	
 JOVITTA P P Chairperson	 ANGEL ROSE JOMY C Secretary	 NATHAN CHRISTY Treasurer
 AYSWARYA E S Website & Media	 DEVAPRIYA M Website & Media	 ANAINA SEBIN Documentation
 ALNA GEORGE Documentation	 ANNAROSE AJUMON Technical Head	 ANNA PAULY Technical Head
 ASWATHI K S Technical Head		

Chenab Bridge - The Indian Engineering Marvel



- Tallest Single Arch Railway Bridge (359 m above Chenab River)
- Part of the Udhampur-Srinagar-Baramulla Rail Link (USBRL)
- Steel arch bridge with a span of 467 m
- Designed to withstand strong winds and earthquakes.

TECHNICAL TALKS

A Memorable Encounter with a Visionary in Civil Engineering

Eighteen students from the Department of Civil Engineering, Christ College of Engineering, had the rare privilege of interacting with Prof. Madhavi Latha, geotechnical visionary from the Indian Institute of Science, Bengaluru, and the brilliant mind behind the engineering marvel the Chenab Bridge – World's Tallest Railway Bridge.

Her inspiring journey, from the heart of the Himalayas to shaping monumental infrastructure, ignited in the students a renewed passion to dream big and build with purpose.

The students were accompanied by Dr. Manoj George (Director of Academics) and Dr. Vivek K Viswanath (Assistant Professor, Department of Civil Engineering).

"WOMEN BEHIND THE STEEL ARC"

"KSMART" WORKSHOP



CHRIST COLLEGE OF ENGINEERING
IRINJALAKUDA
DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED)

EMPOWERING FUTURE CONSULTANTS
Building Permit Drawing and Licensing

WORKSHOP

Ksmart
Delivering Digital Happiness

DATE AND VENUE

SATURDAY
4 OCTOBER, 2025

CAD LAB CE
09.00 AM - 12.00 PM

INDUSTRIAL TALK

Er. DIVYA DAS K
CHARTERED ENGINEER
SILVEROAKS ENGINEERS AND BUILDERS LLP

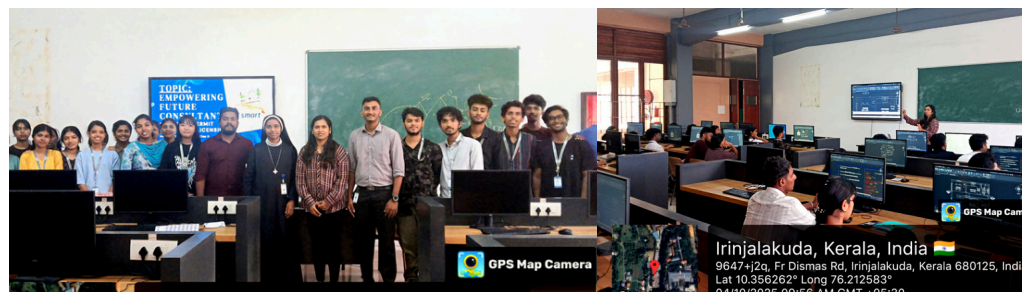
FACULTY COORDINATORS

Mr. GODWIN P A
Sr. ALPHONSE

FOR S3 AND M.TECH CIVIL

Hands-on Workshop on KSMART – Empowering Future Consultants

The Department of Civil Engineering successfully conducted a hands-on workshop on “KSMART – Building Permit Drawing and Licensing” on October 4, 2025, at the Civil CAD Lab. The workshop was led by Er. Divya Das K, Chartered Engineer, Silveroaks Engineers and Builders LLP.

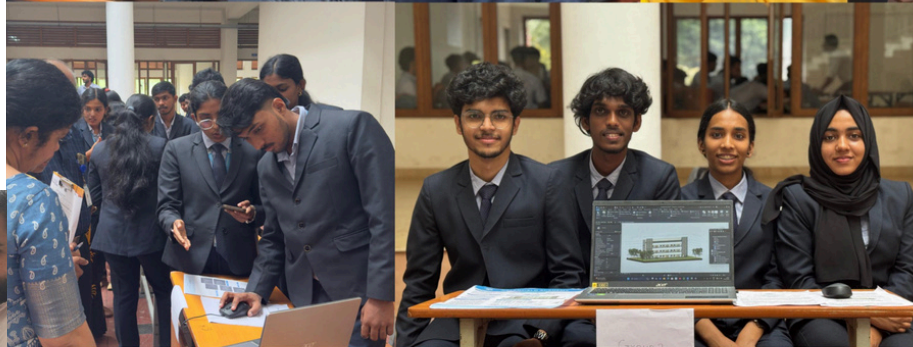
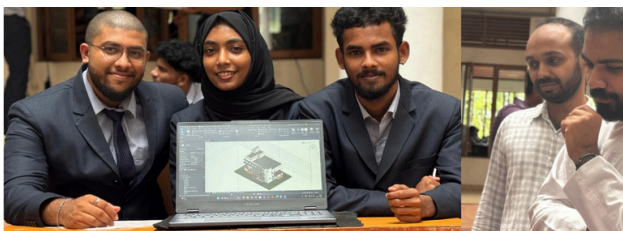




PROJECT EXPOS

S5 CIVIL ENGINEERING BIM PROJECT EXPO

The Department of Civil Engineering in association with Project Club, Christ College of Engineering successfully hosted a Project Expo for S5 CE students as part of their SEP continuous evaluation. The expo showcased remarkable BIM projects that highlighted students' ability to integrate design, technology, and collaboration, reflecting their growth as future industry professionals.





S3 CIVIL ENGINEERING BIM PROJECT EXPO

The Department of Civil Engineering, Christ Engineering College, organized a Project Expo as part of the SEP continuous evaluation for S3 CE students. The event featured innovative 3D modelling projects, reflecting creativity, technical skill, and teamwork. An expert from BIMLABS GLOBAL Pvt. Ltd. evaluated the exhibits and provided insightful feedback, making the Expo a truly enriching experience for our budding engineers.



INTER COLLEGE 3D MODELLING COMPETITION

CHRIST COLLEGE OF ENGINEERING
IRINJALAKUDA
DEPARTMENT OF CIVIL ENGINEERING
(NBA ACCREDITED)

CHRIST
COLLEGE OF ENGINEERING

FUTURE FRAME

Design Challenge

3D MODELLING COMPETITION

OCTOBER 3, FRIDAY 3PM

REGISTRATION FEE - ₹50/- PER TEAM OF 2

PRIZE POOL

WINNER - ₹1000/-

RUNNER UP - ₹500/-

STUDENT COORDINATORS
AMAL C GEORGE
ALNA GEORGE

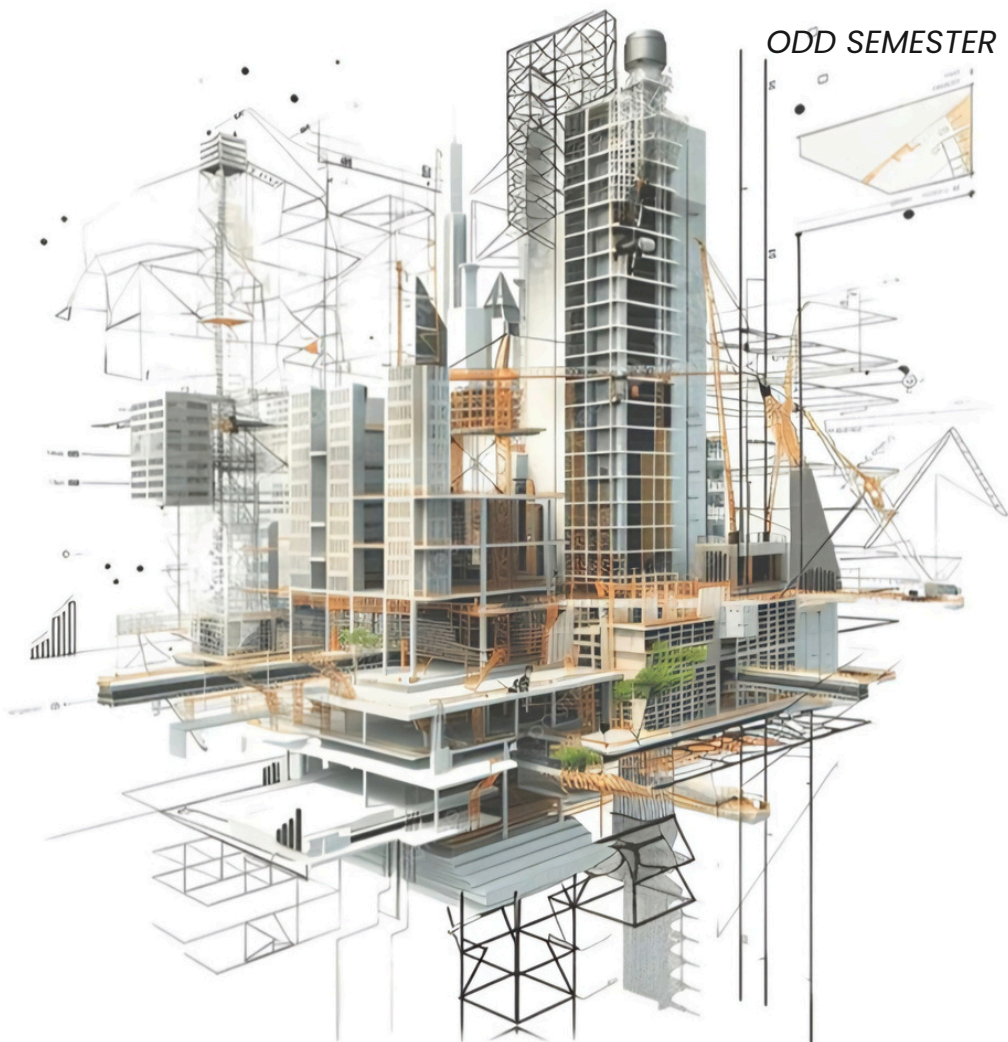
FACULTY COORDINATORS
NEENU JOHNSON
GODWIN P A

The Department of Civil Engineering, Christ Engineering College, organized a inter-college 3D modelling competition on October 3, 2025 where student teams from different colleges participated. The Competition was organized by Student Coordinators Amal C George and Alna George, guided by Faculty Coordinators Ms. Neenu Johnson and Mr. Godwin P A.



INFRA NOVA

29TH OCTOBER 2025 3:00 PM



PROJECT EXPOS

S1 CIVIL ENGINEERING MODEL EXPO

The Department of Civil Engineering in association with Project Club, Christ College of Engineering successfully hosted a Project Expo for S1 CE students on October 29, 2025.

As a budding engineers of the future, the students presented prototype models of real world structures, earthquake resistant buildings, vertical lift bridges etc using easily available materials. The Expo was coordinated by class tutor Ms. Shicy N S and Student Coordinators Vishnu and Fathima Nasrin.



Gull Wing Bridge
A type of Draw Bridge



Onam - Festival of Togetherness

Onam, the vibrant harvest festival of Kerala, stands as a beautiful reminder of unity, gratitude, and shared joy. Celebrated with great enthusiasm and cultural pride, POLIGA '25 embraced the true essence of Onam, bringing together students, faculty, and staff in a spirit of togetherness and harmony.



CLASS TOURS



INDUSTRIAL VISITS



Industrial Visit to Wootz Structures Manufacturing Unit – KINFRA Park, Kanjikode

The S3 Civil Engineering students along with M.Tech Structural Engineering and Construction Management students visited Wootz Structures Manufacturing Unit at KINFRA Park, Kanjikode, as part of their industrial exposure program. The visit provided valuable insights into the Pre-Engineered Building (PEB) system, highlighting the assembly of steel sections, the different stages of fabrication, and the quality control practices involved in modern structural construction.

The industrial interaction helped students bridge the gap between classroom learning and real-world applications in steel construction technology. The session was guided and mentored by Mr. Godwin P. A, Dr. Vivek K. Viswanath, and Ms. Neenu Johnson, ensuring that students gained both technical understanding and practical perspectives on the processes involved.



Pre Engineering Building (PEB) – Construction Site Visit at Irinjalakuda

The S3 CE students visited a Pre-Engineering Building (PEB) construction site as part of their practical exposure to modern construction practices.

The students were accompanied by Asst. Professor Mr. Godwin P A, who explained valuable insights about the construction.



Fields Visit to Piling site(Civil Station Building) at Pudukkad

The S5 CE students along with faculty members Ms.Neenu Johnson and Ms.Riya Joseph visited the Piling Site at Pudukad on August 19, 2025. The purpose of the visit was to provide practical exposure to ongoing construction works and to relate theoretical knowledge with field practices. The site selected for the visit was the Civil Station building construction site at Pudukad.

Pre Engineering Building (PEB) - Construction Site Visit at Irinjalakuda

The S7, S5 CE students visited a Pre-Engineering Building (PEB) construction site as part of their practical exposure to modern construction practices.



IV to Malabar Cements, Palakkad

The S1 CE students visited the malabar cements Manufacturing plant on November 1, 2025 accompanied by faculty members Ms. Shicy N S and Ms. Vinitha E V. The students were able to understand the different stages of cement Manufacturing process.



CIVENTURE

A CIVIL ENGINEERING DEPARTMENT BOOTCAMP

24-Hour Bootcamp for First-Year CE Students

The Department of Civil Engineering, Christ College of Engineering, Irinjalakuda, successfully organized a unique 24-hour Bootcamp exclusively for first-year CE students, held from 4:00 PM on 14th November to 4:00 PM on 15th November 2025



BOND - BUILD - BEGIN

The 24-hour Bootcamp was thoughtfully designed to ignite the innovative spirit of budding civil engineers. The program featured expert-led sessions on waste utilization, sustainable start-ups, and idea pitching, offering students valuable insights into the evolving landscape of sustainable engineering practices.

In addition to the technical sessions, participants actively engaged in a variety of interactive games, debates, and fun-filled activities. These sessions were aimed at fostering teamwork, building confidence, and strengthening interpersonal connections among students.



CHRIST
COLLEGE OF ENGINEERING
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING
(NBA Accredited)

EXPERT TALK

Building Beyond Structures:
Creating Startups that Solve
Waste Problems



Ardra S Nair
Founder and CEO
Greenamor Ventures Pvt Ltd

Ideation and Design
Thinking: Turning Ideas
into Solutions



Dr. Sherjah P Yusuf Ali
HoD Dept of Civil
Engineering, CCE



Date: 14 Nov 2025
Time: 3:00 to 4:30



Christ Hall

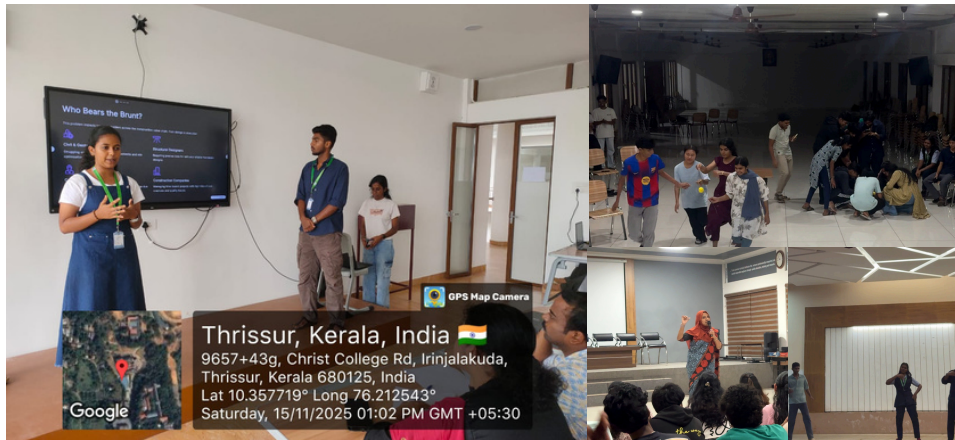


CIVENTURE 2025
Bootcamp Exclusively For SI CE Students

CIVENTURE

FUN FILLED CAMP

Games that created laughters and filled hearts with happiness. An evening to remember for both the students and faculties.



Buildathon was a fun-filled ice-breaking session featuring engaging games and interactive activities. The event was coordinated by Anfred and Rosemary, along with faculty coordinators Mr. Godwin P A and Ms. Vinitha E V.

Beat Burst, a spot choreography competition, brought energy and creativity to the stage. It was coordinated by Ann Maria Varghese and Milsha, under the guidance of faculty coordinator Ms. Shicy N S.

Idea Pitching Competition, organized by IEI, provided a platform for students to present innovative ideas and showcase their creativity. The event was coordinated under the guidance of faculty coordinator Ms. Angitha Sasindaran



CHRIST COLLEGE OF ENGINEERING
ST. MARY'S BLOCK

CIVIL-O-PPEEDIKA

EDITORIAL BOARD

Faculty Coordinators:

Mr. Godwin P A , Ms. Shicy N S

Student Coordinators:

Aldrin T Sebastian, Johaan S Cherpanath, Suryanath E S ,
Abhinav Kriahna