



AISAT Civil Engineering Association
ACEA Bulletin, *Srishti*
Unfolds the array of events 2024-25

srishti

Volume 12, Issue : March 2025



DEPARTMENT OF CIVIL ENGINEERING

Vision

To create technically competent and industry ready Civil Engineers having innovative and leadership qualities to serve the society and nation.

Mission

- Provide technical skills par excellence to face the challenges in the field of Civil Engineering.
- Promote innovative and original thinking in the minds of budding engineers.
- Generate research opportunities by undertaking collaborative projects through institute industry interaction.
- Create quality engineers to provide solutions to the emerging societal problems and advance entrepreneurial ventures.

Program Educational Objectives (PEOs)

Graduates of Civil Engineering shall

PEO1: Demonstrate the knowledge and skills to solve real world engineering problems.

PEO2: Exhibit professional ethics, good interpersonal and leadership skills to meet professional excellence.

PEO3: Function effectively in a team, providing optimal, innovative and facilitative solutions for the betterment of society.

Program Outcomes (POs)

Engineering Graduates will be able to:

PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

The graduates of Civil Engineering will be able to

PSO1: Identify, formulate, analyse and design civil engineering problems by applying the knowledge of mathematics, science and engineering fundamentals.

PSO2: Interact with engineers from other disciplines to provide innovative/sustainable solutions for the benefit of society.

PSO3: Apply appropriate techniques and modern engineering tools to synthesize and analyse complex civil engineering problems.

HOD's Message



Dr. Benny Mathews Abraham
Professor & Head, Dept. of Civil Engineering

I am delighted to announce the release of the 12th edition of our Department of Civil Engineering Newsletter, '**SRISHTI**', which highlights the various activities and achievements of our faculty and students. Over the past year, our department has been able to provide an excellent academic environment, supported by a team of highly qualified faculty members who have inspired students to enhance their technical and curricular skills. This edition of SRISHTI features the numerous events organized and the remarkable milestones the department has achieved during the last academic year. As the Head of the department, I extend my heartfelt congratulations to all faculty members, non-teaching staff, and students for their continuous support and dedication to the advancement of the department. I would also like to congratulate the faculty co-coordinators, and the entire editorial board team for their tremendous effort in putting together this edition in such a remarkable way.

Editor's Message

We are excited to present the 12th edition of the ACEA Bulletin, '**SRISHTI**', highlighting the remarkable journey of the Department of Civil Engineering during the academic year 2024 -25. As you explore the pages of this edition, you will embark on a journey of excellence, integrity, and a deep commitment to the advancement of knowledge. This issue captures the essence of academic excellence, innovative learning platforms, and the strong commitment between students and faculty within the department. It also serves as a vital connection point, fostering partnerships between students, faculty members, and industry professionals in the field. We honor not only the accomplishments highlighted in these pages but also the collaborative spirit that fuels our continuous progress.

Faculty Editors : **Prof. Rinku John**
Prof. Anagha S

Student Editors : **Ms. Devi Nandhana S**

Cover Page Design : **Ms. Shezeena K M**



BEST STUDENT PROJECT 2023-24

Project proposal and implementation on strategies to reduce Peak hour congestion HMT junction Kalamassery

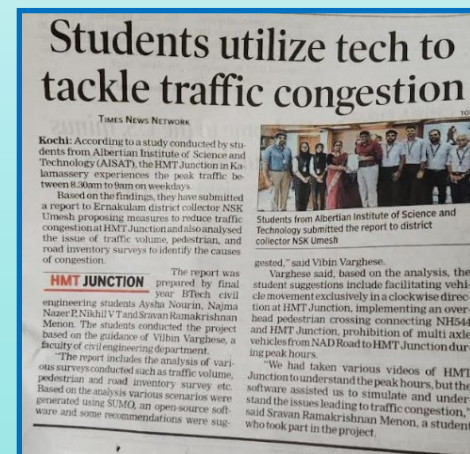


Final years Civil Engineering students of batch (2020-24) from Albertian Institute of Science and Technology in collaboration with KSCSTE-NATPAC proposed a project report which includes the measures to mitigate traffic congestion at HMT Junction. The report was handed over by the principal of AISAT, Dr. Veena. V to the district collector of Ernakulam, Shri. N.S.K Umesh. Vice principal of AISAT Prof. Paul Ansel.V and the head of Civil Engineering department, Dr. Benny Mathews Abraham were present at the occasion. The report includes the analysis of various surveys conducted such as traffic volume survey, pedestrian survey and road inventory survey etc. Based on the analysis various scenarios were generated using SUMO software and some recommendations were suggested which includes facilitating vehicle movement exclusively in a clockwise direction at HMT junction, implementing an overhead pedestrian crossing connecting NH544 and HMT junction, prohibition of multi axle vehicles from NAD road to HMT junction during peak hours.

Following recommendation were proposed :

- Facilitating Vehicle Movement Exclusively in a Clockwise Direction at HMT Junction
- Relocating the Bus Stop from HMT Junction to NH 544
- Canceling the Traffic Signal System at HMT Junction and Modifying the Traffic Signal System at Kalamassery and TVS Junctions
- Implementing an Overhead Pedestrian Crossing Connecting NH 544 and HMT Junction Due to Continuous Vehicle Flow at the junction as observed from the pedestrian vehicle conflict
- Providing a Proper U-Turn radius at HMT Road for the Vehicles from Aluva and NAD Road to Edapally via HMT Junction
- Prohibiting Multi-Axle Vehicles from NAD Road to HMT Junction During Peak Hours

The project was carried out by a group of AISAT final year B.Tech Civil Engineering students: Aysha Nourin, Najma Nazer P, Nikhil V T, Sravan Ramakrishnan Menon along with guidance of Prof. Vilbin Varghese, Dr. Anila Cyril, KSCSTE-NATPAC Junior scientist. This project also won the Best BTech Project Award in ProComp 2023-24.

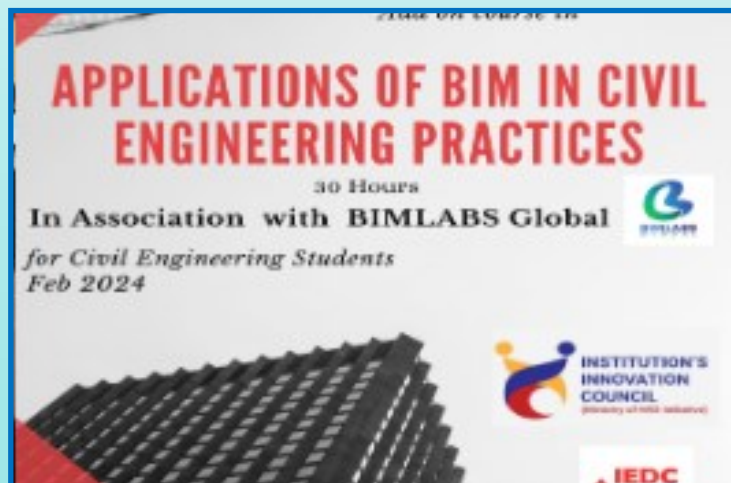


ADD- ON COURSE : APPLICATION OF BIM IN CIVIL ENGINEERING PRACTICES

Building Information Modeling (BIM) has significantly transformed civil engineering practices by improving project planning, design, construction, and maintenance. BIM is a digital representation of the physical and functional characteristics of a facility, offering a detailed 3D model that integrates data related to geometry, spatial relationships, and other attributes of infrastructure elements. Civil engineers are increasingly adopting BIM to enhance project efficiency, reduce errors, and optimize resource use.

The BIM-Revit Architecture for Civil Engineers focuses on teaching the students how to use BIM principles and specifically the Revit Architecture module to enhance their workflow in designing and managing civil engineering projects. This could involve creating detailed 3D models, generating construction documentation, and leveraging BIM data for better collaboration and decision-making throughout the project lifecycle.

The Department of Civil Engineering , AISAT organized a hands on training session for the final and pre final year Civil Engineering students in association with BIMLABS Global, Kochi during Feb-Mar 2024 . The theme for the Add on course was “APPLICATION OF BIM IN CIVIL ENGINEERING PRACTICES”.



Following were the course objectives of the Add on Course

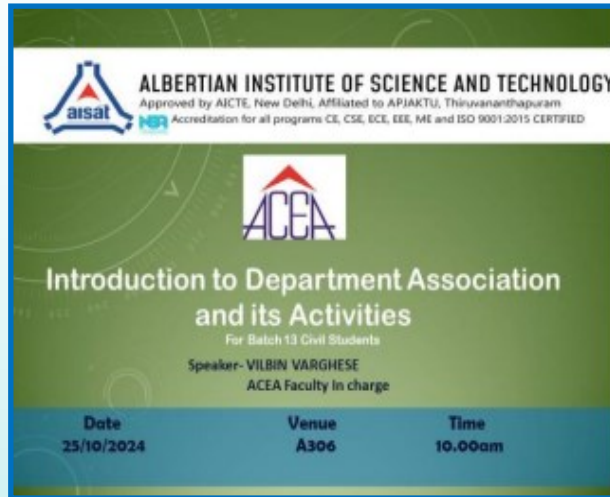
- Comprehend the importance of BIM in the context of civil engineering projects.
- Gain proficiency in using Autodesk Revit Architecture software.
- Understand the process of designing and refining architectural components for civil engineering projects.
- Understand best practices for producing accurate and comprehensive construction documentation.

The course also highlighted the inclusion of various stages involved in Civil Engineering projects namely Project Design, Construction Management, sustainability in Infrastructure, Risk management and safety. The students prepared 3D models of building with the help of Revit Architecture and understood various clash detection techniques involved in it.

This course helped the students to explore the application and challenges of BIM in Civil Engineering Practices. The experts also informed students about the widespread job opportunities of BIM and significant transformation happened in the project planning, design, construction and maintenance.

DEPARTMENT ASSOCIATION ACTIVITIES

ACEA –Orientation Program for Civil engineering Students



In association with ACEA on October 25, 2024, Prof. Vilbin Varghese conducted an engaging talk for first-year civil engineering students at AISAT Engineering College, introducing them to the Department Association and its vital role in fostering community and engagement. He highlighted the association's key activities, including workshops, guest lectures, technical competitions, community service projects, and field visits, all aimed at bridging the gap between theoretical knowledge and practical application.

Emphasizing the importance of active student participation, Mr. Vilbin encouraged attendees to take on leadership roles and share ideas for future initiatives. The session concluded with a Q&A, allowing students to express their thoughts and encouraging them to fully engage with the opportunities available through the Department Association.



Technical talk by Professor of Practice



The Civil Engineering department of AISAT conducted a Technical talk on 3rd February 2025, on “Practical approach in Reinforced Concrete Design”. The talk was delivered by Dr. P. Rajasekhar, Former Chief Engineer, FEDO-FACT Udyogamandal. The session started with prayer. Dr. P. Rajasekhar explained the crucial role of reinforced concrete in modern construction, highlighting its strength, versatility, cost effectiveness, and long-term durability.

The design process aims to ensure that the structure is safe, functional, and economical while adhering to local building codes and standards. He went further, guiding them into the next step of choosing courses to further cement their careers. In the Q&A section, he cleared many doubts and provided answers to questions such as the methods employed against seismic loads, including those that are feasible in India. All the students from S6 and S8 along with faculty attended the talk. The talk came to an end by 1:30 pm.

DEPARTMENT ASSOCIATION ACTIVITIES

Reels Competition

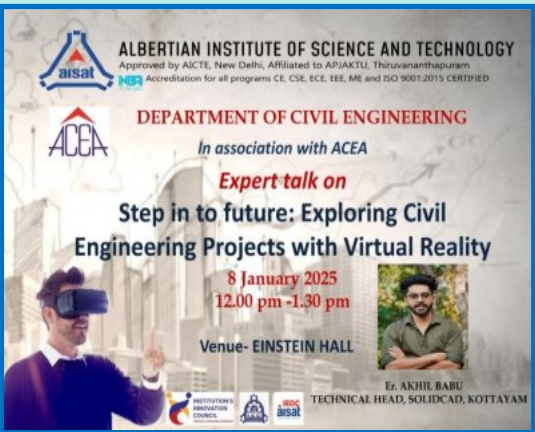


The Reels Competition titled “Unraveling Kerala’s Monumental Stories: The Reel Connection” conducted on 3rd April 2024 conducted in association with AISAT Civil Engineering Association (ACEA) focused on showcasing the profound influence of civil engineering in shaping Kerala’s monumental structures and cultural heritage. The competition encouraged participants to connect the structural, architectural, and engineering marvels of Kerala’s historic monuments with modern civil engineering principles. It provided a platform for students to showcase their understanding of how traditional and modern engineering practices intersect the longevity of Kerala’s architectural legacy.

Technical Talk

The Civil Engineering Department of Albertian Institute of Science and Technology (AISAT) organized an expert talk on 8th January 2025, from 12.00 pm to 1:30pm in class room. On “Step into the Future: Exploring Civil Engineering Projects with Virtual Reality”. The session was conducted by Er. Akhil Babu, Technical Head of SOLIDCAD and his team.

Er. Akhil Babu explained the difference between conventional modeling and BIM-based VR modeling. Refers to the Traditional Methods of Creating 2D drawings using CAD software like AutoCAD, which requires separate documentation for architecture,



structure, and MEP. BIM and VR Integration. The expert also demonstrated VR applications in real-world projects, highlighting the benefits of immersive visualization in project planning and execution.

Workshop -BIM Tool- REVIT Architecture



The Department of Civil Engineering, AISAT conducted a workshop on Introduction to BIM Tool REVIT Architecture for Sixth Semester Civil Engineering students on 09.04.2024. The workshop aimed to provide students with hands-on experience and knowledge of Revit Architecture, an essential software for architectural design and construction planning. The primary objective of the workshop was to introduce students to the concept of Building Information Modeling (BIM) and to familiarize them with Autodesk Revit Architecture, a leading tool in the construction industry. The workshop covered various aspects of Revit Architecture, including: Introduction to BIM and its Importance in modern engineering and construction, Live Hands-on Training using Autodesk Revit and Case Studies and Real-world Applications.

MoUs

MoU with CADD Campus



On June 24, 2024, AISAT and CADD Campus entered into a Memorandum of Understanding (MoU) to strengthen education and training in Building Information Modeling (BIM) and CAD. CADD Campus is a leading training and education provider in the fields of CAD (Computer-Aided Design), CAM (Computer-Aided Manufacturing), and CAE (Computer-Aided Engineering). They offer a range of courses designed to help individuals develop expertise in various CAD/CAE software and engineering tools, which are widely used in industries such as architecture, construction, automotive, mechanical engineering, and more. CADD Campus offers comprehensive online courses, making it accessible for learners from anywhere.

The collaboration with CADD Campus aims to equip students with industry-relevant skills, fostering innovation and expertise in engineering and construction sectors. The primary objective of this MoU is to provide specialized workshops and certification courses, focusing on the practical applications of BIM tools. This agreement marks a significant step toward bridging the gap between academic learning and industry demands, ensuring that students are well-prepared to excel in the engineering and construction fields.

MoU with Builders Association of India



A Memorandum of Understanding was signed between AISAT and BAI Kochi centre on 21st August 2024 with the following objectives:

- To establish a BAI student chapter in AISAT under the COCHIN Centre of Builders' Association of India.
- To organize National/ Regional/ State level Seminars, Workshops, Conferences, Technical visits etc. in cooperation with COCHIN Centre of Builders' Association of India.
- To associate with builders & contractors to provide internship programs to its members for familiarizing the nature of work in various projects and issue certificates on completion.
- To collaborate, share and exchange knowledge and expertise between both parties

The MoU was signed by Shri. George Mathew Palal, Chairman for The Builders Association of India Kochi Centre and Rev. Fr. Antony Vacko Arackal, Manager for AISAT. Er. Cherian Varkey, Former National President, BAI, Dr. Anil Joseph Vice Chairman BAI Kochi centre, Er. Joe Mathew attended the function.

ACTIVITIES OF PROFESSIONAL BODIES

ICI –Site Visit to Chellanam Sea wall construction



Civil Engineering students of batch (2023-27), conducted a site visit to the Chellanam Sea Wall construction project organized by the ICI Student Chapter on 19.02.2024 accompanied by class advisors Prof. Rinku John, and Prof. Feeba George. The main attraction at the site was the Groynes, essential structures designed to stabilize beaches and prevent erosion. The groynes are T-shaped and extend 140 meters parallel to the sea with a flange width of 60 meters. The site visit to the Chellanam Sea Wall construction project was a profoundly enriching experience for the students. It offered a first hand exposure to real-world engineering challenges and solutions.

It underscored the importance of coastal infrastructure in safeguarding communities against natural disasters needs.



Short Video Contest

AISAT ICI Student chapter conducted a short video context on the topic Current scenarios and challenges faced in construction industry. The participants were asked to shoot and upload an interview video with a civil engineer.



STANDARDS CLUB



As part of the World Consumer Rights Day celebrations, Diya Fathima, Shilna Joy, Adhila Hassan, and Fathima Farzana volunteered in the nation-wide Quality Connect Campaign organized by the Bureau of Indian Standards (BIS) on 12th March 2025 at the Collectorate, Kakkannad. The campaign focused on raising awareness about consumer rights and the critical role of quality standards in ensuring safe, reliable products.

ACTIVITIES OF PROFESSIONAL BODIES

Workshop ON 3D MODELLING USING REVIT ARCHITECTURE



The Department of Civil Engineering, Albertian Institute of Science and Technology, Kalamasserry, in association with CADD Campus India Pvt. Ltd., conducted a workshop on “Basics of 3D Modelling using Revit Architecture” on 19th February 2025. The workshop aimed to provide students with essential skills in Revit Architecture to enhance their efficiency in designing and managing civil engineering projects. It covered fundamental and advanced aspects, including creating and modifying detailed 3D models, generating construction documentation and drawings, and best practices for improving design efficiency and accuracy. The objectives were to help participants understand the significance of Revit Architecture in civil engineering projects, develop hands-on proficiency with Autodesk Revit Architecture software, and learn techniques for designing and refining architectural components.

Faculty Interaction with Industry Experts

The Department of Civil Engineering organized a faculty Interaction with Industry Experts on 21st August 2024. Prof. Liji Anna Mathew welcomed the experts and gave a brief overview of the department. Dr. Veena V, Principal AISAT mentioned the academic schedule for internships in the curriculum. Er. Cherian Varkey, Former National President, of BAI, introduced himself and advised the faculty to take up consultancy works. He emphasized the need for site visits, internships etc. for students and how industry experts can support them. Er. George Mathew Palal, Chairman BAI Kochi Centre, Er. Joseph George M, Secretary, BAI Kochi Centre. Dr Anil Joseph, Vice Chairman BAI Kochi Centre, Er. Joe Mathew, BAI Kochi Centre and other delegates from industry were also present for the interaction. The association is involved in various activities like organizing seminars, workshops, and exhibitions.

Rev.Fr. Antony Vacko Arackal, Manager AISAT, Dr. Benny Mathews Abraham, HOD and all faculty interacted with the experts from the industry.



ACTIVITIES OF PROFESSIONAL BODIES

Sustainable Future: Revit Challenge

A REVIT workshop and a competition was organized as part of the Techfest-Tharangam by the IGBC Student Chapter of AISAT. The primary objective of the REVIT workshop and competition was to promote awareness and proficiency in BIM tools, which are becoming industry standards. The event highlighted the importance of BIM proficiency in the modern AEC (Architecture, Engineering, and Construction). Er. Sujisha from BIMLABS conducted the workshop and evaluation of the competition.

Winners & Awards

- **1st Place and Cash Prize Rs.4000/-:** Ebin Antony Elenjikkal, TKM College of Engineering, Kollam
- **2nd Place and Cash Prize Rs.2000/-:** Smrithi Rose Shibu, Rajagiri School of Engineering and Technology
- **3rd Place and Cash Prize Rs.1000/-:** Ahmed Khaled Abdo Moqbel, School Of Engineering CUSAT



Virtual Reality in Construction in association with SOLIDCAD

The IGBC student chapter, Department of Civil Engineering featured an exclusive exhibition on Virtual Reality (VR) in Construction as part of THARANGAM 2025, a state-level Techfest. The exhibition was held on March 17, 2025, at Newton Hall, in association with SOLIDCAD. The event aimed to showcase the latest advancements in AI and VR technologies, revolutionizing the construction industry. The objectives of the exhibition were to introduce Virtual Reality applications in construction, demonstrate AI-integrated VR solutions for design, planning, and execution, engage students and professionals in hands-on experiences with emerging technologies, and foster discussions on the future of AI and VR in the built environment. The exhibition attracted nearly 150 participants. The event was inaugurated by Dr. Veena V, Principal AISAT Kalamassery.



ACTIVITIES OF PROFESSIONAL BODIES

TECHNICAL QUIZ IN COLLABORATION WITH STANDARDS CLUB

A technical quiz based on IS 456-2000 & IS 800-2007 was organized as part of the Techfest-Tharangam by the Standards Club of AISAT. The program encouraged students to familiarize themselves with essential codes and best practices, thereby enhancing their technical knowledge and problem-solving abilities. The event highlighted the importance of understanding and applying industry standards, particularly IS 456-2000 and IS 800-2007, in civil engineering practices. Dr. Veena V, Principal- AISAT, Prof. Paul Ansel V, Vice Principal- AISAT, faculty members and student coordinators of Civil Engg. Dept. were present during the prize distribution.

Winners & Awards

1st Place and Cash Prize Rs.3000/-: Sree Gowri R. A and Aiswaryalakshmi M.R, Albertian Institute of Science and Technology, Kalamassery

2nd Place and Cash Prize Rs.2000/-: Akshaya Krishnakumar and Aiswarya A.J, Albertian Institute of Science and Technology, Kalamassery

3rd Place and Cash Prize Rs.1000/-: Sangeeth K S and Ashish Thomas Varghese , Rajagiri School of Engineering & Technology



AISAT BAI STUDENT CHAPTER OFFICE BEARERS 2024-25



Mr. Abhiram P Lal
(S7CE)
President



Ms. Aleena Ambrose
(S5CE)
Vice-President



Ms. Safreen Rasheed
(S7CE)
Secretary



Mr. Joel Jose
(S5CE)
Joint Secretary

Student Representatives



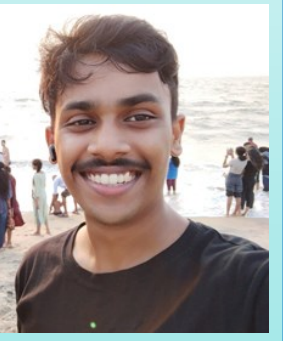
Ms. Alna Shine
(S5CE)
Treasurer



Mr. HariRaj R
(S7CE)



Mr. M S Aamil
Muhammed
(S7CE)



Mr. Joyal Nelson
(S7CE)

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INAUGURATION OF BAI STUDENT CHAPTER



Assoc. Prof. Liji Anna Mathew, BAI Student Chapter Coordinator welcomed the gathering. Er. George Mathew Palal, Chairman, BAI Kochi Centre gave an overview about Builders Association of India. Dr. Veena V, Principal, AISAT delivered the presidential address. Er. Cherian Varkey, Past National President, BAI inaugurated the student chapter and delivered the Inaugural Address.

Followed by this the installation of student chapter office bearers was done. Er. Joseph George M, Secretary, BAI Kochi Centre delivered the felicitation address. The meeting ended with a vote of thanks by Mr. Abhiram P Lal, Chairperson, BAI Student Chapter. S7 and S5 civil engineering students and all faculty of CE dept. attended the program

AISAT BAI STUDENT CHAPTER OFFICE BEARERS 2024-25



Mr. Abhiram P Lal
(S7CE)
President



Ms. Aleena Ambrose
(S5CE)
Vice-President



Ms. Safreen Rasheed
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Secretary



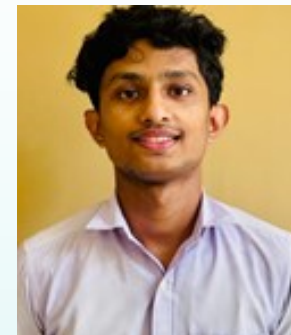
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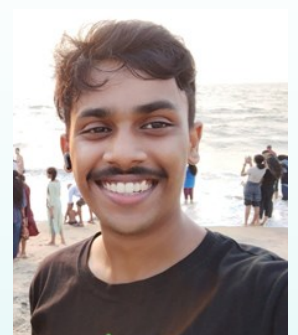
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M S Aamil Muhammed
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Mr. Ashwath K Binu
(S7CE)
Student Representative



Mr. Joyal Nelson
(S7CE)
Student Representative



Mr. Adityan J
(S5CE)
Student Representative



Mr. Hariraj R
(S5CE)
Student Representative



Ms. Rithika Rojes
(S3CE)
Student Representative



Mr. Eben T S
(S3CE)
Student Representative

AISAT ALUMNI ASSOCIATION

Sl. No	Details of the Event	Name of the Alumni	Date
1	Book release – ‘RINZEN’	Er. Aswin Subhan	23.01.2025
2	Tripod stand for AI-SAT-batch 9 students contributed a tripod for photography and video recording purposes of AISAT Media team.	Civil Engineering Alumni (Batch 2020 -24)	30.09.2025
3	Meet the Elder	Er. Praise Ammini Paul, BTech Alumnus 2020-24	23.09.2024



AISAT CIVIL ENGINEERING ASSOCIATION (ACEA) OFFICE BEARERS 2024-25



Mr. Joyal Nelson
(S7CE)
President



Ms. Aiswaryalakshmi
(S7 CE)
Vice President



Ms. Safreen Raheed
(S7 CE)
(Secretary



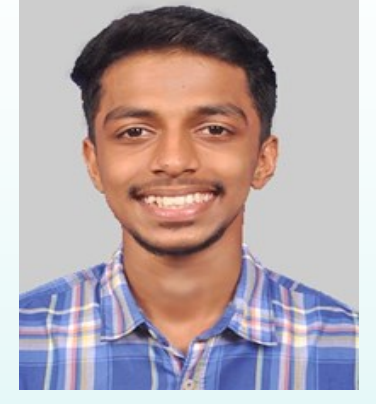
Ms. Nihala Siyad
(S5CE)
Joint Secretary



Ms. Aiswarya A J
(S7 CE)
Treasurer



Ms. Sindreena Ebby
(S7CE)
Student Representative



Mr. Adhil Fiyas
S1CE
Student Representative

AISAT ICI STUDENT CHAPTER OFFICE BEARERS



Mr. Abel Sunny
S5CE
Student Representative



Ms. Roobiya K A
S3CE
Student Representative



Mr. Muhammed Nasim
K J
(S7 CE)
Chairperson



Ms. Sandra V M
(S5 CE)
Secretary



Ms. Aiswaryalakshmi
(S5 CE)
Treasurer



Ms. Safna TS
(S7 CE)
Event Coordinator



Mr. Athul Satheesh
(S5 CE)
Event Coordinator

INDUSTRIAL VISIT - METRO RAIL CONSTRUCTION PROJECT



Students of Batch 10(2021-25) , S8 Civil Engineering from Albertian Institute of Science and Technology visited the Kakkanad Metro Rail construction project on December 17, 2024. A total of 34 students, accompanied by two faculty members, participated in the site visit, which provided valuable industry exposure and hands-on learning. The students actively engaged during the visit, Interacting enthusiastically with the guide.

The objective of the visit was to bridge the gap between theoretical knowledge and practical application, enabling students to gain insights into real-world industry operations. This experiential learning opportunity deepened their understanding of industry- specific challenges, enhanced skill development, and fostered innovation and entrepreneurial thinking. The visit specifically focused on observing and understanding the piling work involved in the metro rail project.

INDUSTRIAL VISIT - PEEKAY STEEL CASTINGS (P) LTD

The Department of Civil Engineering organized an industrial visit for 6th semester Civil Engineering students (Batch 2022-26) to Kozhikode on January 25, 2025. A total of 39 students, accompanied by three faculty members, participated in the visit, which provided valuable industry exposure and hands-on learning. The students actively engaged in discussions and had an insightful interaction with the guide. PEEKAY STEEL CASTINGS (P) LTD is a reputed company in the steel industry, specializing in high-quality steel products, including steel bars and vehicle components.

The company employs advanced manufacturing techniques, ensuring precision and compliance with both national and international standards. The production of premium steel begins with the selection of high-quality raw materials. To maintain superior product quality, company imports high-grade scrap metal from foreign countries. Industrial visits offer students the opportunity to interact with industry experts, including professionals and experienced workers, providing practical exposure to various industrial methodologies and processes. This hands-on learning experience helps students bridge the gap between theoretical concepts and real-world applications, enhancing their knowledge and skill set.



COURSE ENRICHMENT ACTIVITIES

Demonstration of types of Steel Used in Construction

A course enrichment activity was conducted for S4 CE(2023-27 batch) Civil Engineering students on 7/3/2025 to enhance their understanding of the different types of steel used in construction. The session aimed to bridge theoretical knowledge with practical applications, providing students with insights into material selection, properties, and real-world usage. The session began with an overview of the fundamental properties of steel, including strength, ductility, corrosion resistance, and sustainability. During the activity, faculty members demonstrated different types of steel such as mild steel, structural steel, reinforced steel (rebar), stainless steel, and high-strength alloy steel. Emphasis was placed on their mechanical properties, durability, and suitability for various construction purposes.

Case studies and real-world examples, such as their applications were discussed to give students a practical perspective. The activity concluded with a Q&A session, and feedback from participants indicated that the session was highly informative and practical. This enrichment activity significantly enhanced students' technical competence and prepared them for real-world challenges in the field of civil and structural engineering.



Idea Pitch Exercise on Civil Engineering Students



As part of the Students Induction program, a captivating Idea Pitch exercise unfolded on 24th of September 2024, specifically tailored for first-semester Civil Engineering students. This one-hour session aimed to invigorate the students' creative thinking and enhance their team-working capabilities.

One notable aspect of the exercise was the students' incorporation of smart ideas to fortify their designs. The collaborative nature of the task encouraged lively discussions, turning the exercise into a melting pot of creativity and innovation. In conclusion, the Idea Pitch exercise served as a catalyst for the development of essential skills among civil engineering students.



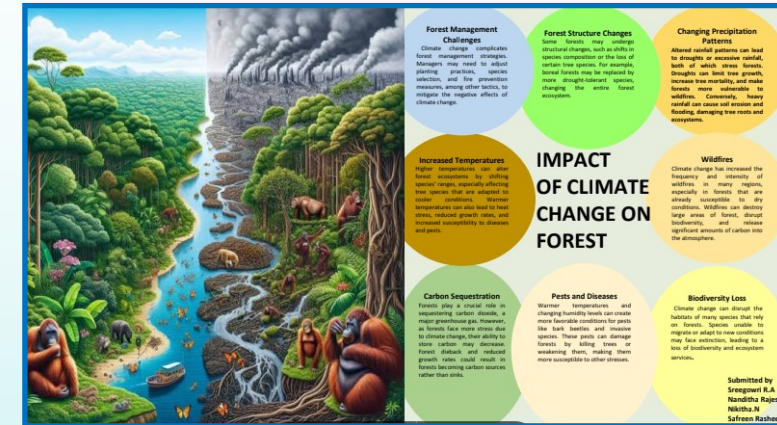
COURSE ENRICHMENT ACTIVITIES

Poster Presentation for Construction Planning and Management course

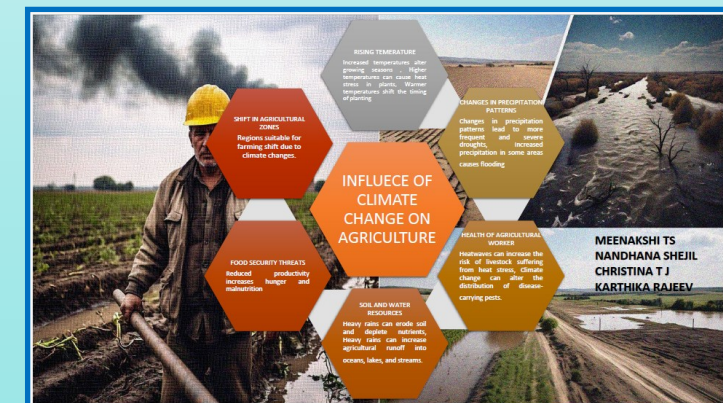


A Poster Presentation on Safety in Construction Practices was organized as part of a Course Enrichment Activity for the Construction Planning and Management course, led by Prof. Sheeja M K, for final-year students. The primary goal of the competition was to instill a strong culture of safety in construction by encouraging students to explore safety protocols and regulations in depth. This initiative aimed to enhance their understanding of critical safety measures while fostering a sense of responsibility and awareness among future industry professionals. The event successfully combined creativity and technical knowledge, making a meaningful impact on safety awareness within the construction community.

Climate change: Unraveling its impacts on Environment



The course enrichment Activity for Eighth semester subject: CET 468 Climate Change and Sustainability focused on the climate change and its various impact on human and environment. Six student groups were assigned to each topic, creating visually informative digital posters that encapsulated key concepts and impacts of climate change on various areas. During the presentation session organized on 6th February 2025 , the students explained their posters to their peers, fostering collaborative learning and enhancing communication skills. The activity promoted a deeper appreciation of the complexity and urgency surrounding climate change issues .



COURSE ENRICHMENT ACTIVITIES

Awareness of special concretes and concrete compaction



As part of the course enrichment of the CEL 331 Material Testing Lab II practical course, a demonstration of needle vibrator and SCC testing equipment was carried out for S6 Civil Engineering Students on 7 h November 2024. The session provided a comprehensive overview of the applications of self-compacting concrete, highlighting its innovative use in modern construction. Various tests used to assess key properties such as flowability, passing ability, and filling ability were thoroughly explained. Attendees had the opportunity to witness demonstrations of essential testing apparatus, including the U Box, L Box, J Ring, Flow Table, and V Funnel, which are crucial for evaluating the performance of self-compacting concrete in practical scenarios.

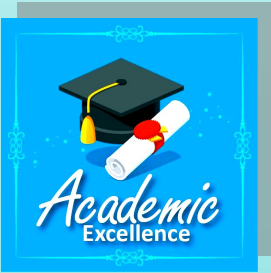
These demonstrations illustrated how each device works and its significance in ensuring the quality and efficacy of concrete mixtures. Students were interested in understanding the difference between normal concrete and SCC. The course enrichment activity was useful in giving an awareness of Special concretes used in Site/field and on concrete compaction methods adopted in the field.

ACADEMIC Excellence

MANAGER’S, PRINCIPAL’S AND VICE PRINCIPAL’S CLUB MEMBERS

Batch 9 (2020-24) Batch 10 (2021-25) Batch 11(2022-26) Batch 12(2023-27)

MANAGER’S CLUB	PRINCIPAL’S CLUB	PRINCIPAL’S CLUB	MANAGER’S CLUB
PRAISE AMMINI PAUL	AISWARYALAKSHMI M R	JOSE MIKHEV N D	SANDHRA SURESH
AYSHA NOURIN	AKSHAYA KRISHNAKUMAR	VICE PRINCIPAL’S CLUB	VICE PRINCIPAL’S CLUB
RIYANA SOSA CHERI-YAN	SREE GOWRI R A	NIHALA SIYAD	SREELAKSHMI K B
PRINCIPAL’S CLUB	VICE PRINCIPAL’S CLUB	FATHIMA FARSANA.	ROSHINI JOSEPH
NILINA ROSE N V	AISWARYA AJ	ADHILA HASSAN	
MANISHMA N M	MUHAMMED NASIM K J	AISHA AFRIN V N	
ALIYA A HAKKEEM	JOYAL NELSON	ALNA SHINE	
RANJINI R	FATHIMA SUHANA	DIYA FATHIMA P A	
VICE PRINCIPAL’S CLUB		JOEL JOSE	
DEVIKA JOSHY		NANDANA R	
NASREEN M SHAJAHAN		SHILNA JOY	
RESHMA G PAI			
MEREENA BABU			
ANEETA ELIZABETH T P			
NAJMA NAZER P			
SRAVAN RAMA-KRISHNAN MENON			
NESRIN K S			
ANCHANA K S			



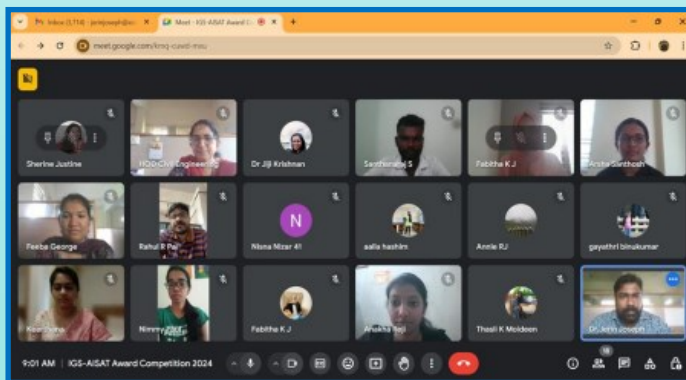
INDUSTRY -INSTITUTE INTERACTION

AISAT- IGS Award for Best M. Tech Thesis



The IGS-AISAT Award for the Best M.Tech Thesis in Geotechnical Engineering in the state of Kerala is the annual competition conducted jointly by the Indian Geotechnical Society (IGS) - Kochi Chapter and Albertian Institute of Science and Technology, Kalamassery. The main objective of the IGS- AISAT award competition, conducted annually for M.Tech Civil Engineering students of Kerala state, is to promote research in the field of Geotechnical Engineering. Postgraduate students who have completed M.Tech thesis work on topics related to Geotechnical Engineering during this academic year were eligible to apply. The deadline for submission of applications was 31st, July 2024.

A total of 11 participants submitted their research work. After rigorous evaluation process, the top ten candidates were shortlisted for the presentation by an expert committee. The competition was conducted entirely online on 7th September, 2024.



The winner of IGS-AISAT Award 2024 for the best M. Tech. project was announced and presented the certificate of merit and the award along with the cash prize of Rs.10,000/- during the 13th Praphulla Kumar Memorial Lecture on 2nd November, 2024 which was an official function of the IGS-Kochi Chapter. The winner of the award was Mr. Santhanaraj S from National Institute of Technology, Calicut under the guidance of Dr. Anantha Singh T. S. The certificates of merit were issued to the best five theses during the function.



INDUSTRY INSTITUTE INTERACTION

ProComp 2023-24 Best B. Tech Project Competition



The Department of Civil Engineering, AISAT in association with Graduates' Association of Civil Engineers (GRACE) organised ProComp 2023-24, an annual project competition which provides an arena for the final year B.Tech Civil Engineering students from various Engineering colleges under APJ

Abdul Kalam Technological University, to showcase their innovative concepts and project works, done as a part of their curriculum

The presentation of the projects qualified to the final round of Procomp 2023-24 was held on September 7, 2024 in online mode. The sessions were enriched by the presence of Dr. Roy Thomas, Retired Professor, SOE, CUSAT, and Er. Abilash Joy, President, Graduates' Association of Civil Engineers (GRACE). The Mokshagundam Visvesvaraya prize for the best project was bagged by the team consisting of Sravan Ramakrishnan Menon, Najma Nazer P, Aysha Nourin, Nikhil V.T of Albertian Institute of Science and Technology (AISAT), Kalamassery. The second prize winners were Gouri R Krishna, Abu Faiz M H, Adal Babu, Ashish Varghese of Federal Institute of Science and Technology, Angamaly. The winning teams were awarded, prize money, citation and certificates on 02.11.2024 during the 13th Praphulla Kumar Memorial Lecture by Prof Veena V, Principal, AISAT, Prof. Paul Ansel V, Vice Principal, AISAT and other dignitaries.

Faculty Site Visit to Munambam Azhikode bridge project

A team of faculty members from Civil Engineering dept. visited the ongoing bridge construction site located between Munamban and Azhikode, Thrissur, Kerala in collaboration with Builders Association of India, Kochi. The bridge has a span of 900m and width of 15.10 m, it will be one of the largest bridges on the proposed Coastal highway. The objective of the visit was to provide practical insights into the construction processes, including the casting of box girders and bridge piling. The visit aimed to observe the various stages of the construction process and enhance



understanding of the key engineering concepts involved. The site visit was particularly focused on the casting yard for box girders and the bridge piling operations.

The interaction with on-site engineers provided insight into the challenges faced and the innovative solutions employed to overcome them. This experience will greatly enhance the participants' understanding of civil engineering practices and deepen their knowledge of real-world applications in infrastructure development.

AUGMENTED REALITY: TRANSFORMING THE FUTURE OF TECHNOLOGY

Augmented reality has come a long way from a science-fiction concept to a science-based reality. Imagine walking onto a construction site and instantly seeing a full-scale 3D model of the building overlaid on the physical space through AR glasses or a tablet. Engineers can detect potential design flaws, workers can follow AR-guided assembly steps, and project managers can monitor progress in real-time. Augmented Reality (AR) is no longer just a futuristic concept—it is actively transforming civil engineering by making construction projects safer, more efficient, and more precise.

Applications of Augmented Reality in Civil Engineering

Augmented Reality (AR) is a technology that overlays digital information—such as images, 3D models, and data—onto the real world using AR-enabled devices like smartphones, tablets, or AR headsets. Unlike Virtual Reality (VR), which creates a completely digital environment, AR enhances real-world surroundings by adding interactive virtual elements.



In civil engineering, AR helps visualize infrastructure projects before they are built, improving accuracy, efficiency, and collaboration among stakeholders. Following are the Applications of Augmented Reality in Civil Engineering:

1. Project Planning and 3D Visualization

Traditional blueprints and CAD models provide 2D representations of structures, but AR takes it a step further by overlaying interactive 3D models onto real construction sites. This allows engineers and architects to Visualize the final structure before construction begins and detect design flaws early .



2. Underground Utility Mapping
One of the biggest challenges in construction is identifying underground utilities like pipelines, electrical cables, and sewer lines. AR helps by projecting a digital map of underground infrastructure onto the real environment,

reducing the risk of accidental damage.

3. On-Site Construction and Assembly

AR helps workers and engineers by providing step-by-step assembly instructions overlaid onto real structures. Using AR glasses or tablets, workers can see precise placement of materials and structural components, ensuring accuracy and errors.

Augmented Reality is revolutionizing civil engineering by bridging the gap between the physical and digital worlds. It improves project accuracy, efficiency, and safety—making it one of the most promising technologies in the construction industry.

As AR technology becomes more accessible and affordable, its applications in civil engineering will continue to expand, paving the way for smarter and more sustainable infrastructure.

Ms. DEVI NANDANA
S6 CE
BATCH 2021-25



STUDENT ACHIEVEMENTS

MOOC Courses Completed

Name of the Student	Name of the course
Akshaya Krishnakumar	Advanced Foundation Engineering
Sree Gowri R A	Advanced Foundation Engineering
Aishwarya Lekshmi MR	Advanced Foundation Engineering
Aiswarya AJ	Advanced Foundation Engineering
Diya Fathima	Software testing
Aleena Ambrose	Automation in Production Systems and Management
Jose Mikhev	Software testing
Joyal Nelson	Geotechnical Engineering Laboratory
Nandhana Shejil	Geotechnical Engineering Laboratory

MOOC Courses Completed

Name of the Student	Name of the course	Achievement
Meenakshi T S	Geotechnical Engineering Laboratory	Successfully completed
Aisha Alfiya MA	Geotechnical Engineering Laboratory	Successfully completed
Andrea Teresa Martin	Geotechnical Engineering Laboratory	Successfully completed
Sreelekshmi K B	Building materials as a corner stone to sustainability	Successfully completed
Roshini Joseph	Building materials as a corner stone to sustainability	Successfully completed

Concrete Cube Casting Competition

Ms. Feba Jose and Mr. Adhil Mirza from S6 Civil Engineering (2022-26 Batch) won first prize in the Concrete Cube casting competition organised by Department of Civil Engineering, ToCH Institute of Science and Technology, in association with ICI student chapter, as part of International Conference on Innovative Trends in Engineering for Sustainability.



PROUD ACHIEVER
PROF. BABU T. JOSE GOLD MEDAL for
Best outgoing student award 2024



Ms. Praise Ammini Paul

B. Tech 2020-24 Batch
 Department of Civil Engineering

FACULTY ACHEIVEMENTS

Sl.No.	Name	Type	Acheivement
1	Prof. Sreelekshmi G S	Ph. D Admission	Cleared the admission test and interview for the admission to full time PhD program in NIT, Trichy
2	Prof. Vilbin Varghese	NPTEL MOOC	Soil Dynamics (Topper)
3	Prof. Vilbin Varghese	B Tech Project Competition	Guided the students who secured the Best Student Project award at the ProComp 2024 held at AISAT, Kalamassery
4	Dr. Jerin Joseph	External Funding	Received sanction amount of Rs.10,000 for conduct of IPR Awareness program from the Kerala State Council for Science, Technology and Environment (KSCSTE)- Intellectual Property Rights Information Centre Kerala (IPRICK)

ACADEMIC TOPPERS

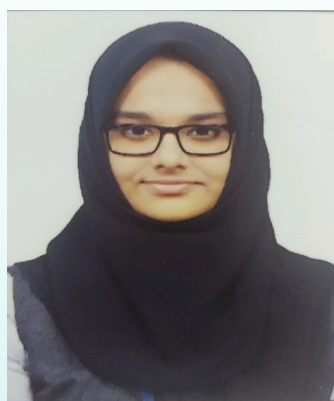
B.Tech Batch 2020-24



Ms. Praise Ammini Paul
CGPA 9.53



Ms. Riyana Sosa Cherian
CGPA 9.11



Ms. Aysha Nourin
CGPA 8.97

B.Tech Batch 2021-25



Ms. Aiswaryalakshmi M R
CGPA 8.75



Ms. Akshaya Krishnakumar
CGPA 8.55



Ms. Sree Gowri R A
CGPA 8.29

B.Tech Batch 2022-26



Mr. Jose Mikhev N D
CGPA 8.03



Ms. Nihala Siyad
CGPA 7.88

B.Tech Batch 2023-27



Ms. Sandhra Suresh
CGPA 9.01



Ms. Sreelakshmi K B
CGPA 9.01

NEWS FROM STUDENTS

B. Tech (Batch 2024-28)

- Adil Fiyas and Devanarayanan secured third prize in the all kerala intercollege Football tournament at St. Albert's College.

B. Tech (Batch 2023-27)

- Ms. Rithika Rojes secured third position in APJKTU Inter-zone Karate Competition.
- Ms. Sreelekshmi K B successfully completed NPTEL course on 'Building materials as a corner stone to sustainability'.
- Ms. Roshini joseph successfully completed NPTEL course on 'Building materials as a corner stone to sustainability'.

B.Tech Batch (2022-26)

- Ms. Devi Nandhana S secured the second prize in Throw Ball at Zealousta'24.
- Ms. Devi Nandhana S secured the third prize in Basketball at Zealousta'24.
- Ms. Devi Nandhana S secured the third prize in Football at Zealousta'24.
- Ms. Devi Nandhana S secured the first prize in Kho-Kho at Zealousta'24.
- Ms. Fathima Farsana secured the first prize in Kho-Kho at Zealousta'24.
- Ms. Adhila Hassan secured the first prize in Kho-Kho at Zealousta'24.
- Ms. Shilna Joy secured the first prize in Kho-Kho at Zealousta'24.
- Ms. Diya Fathima secured the first prize in Kho-Kho at Zealousta'24.
- Ms. Diya Fathima successfully completed Software Testing course offered by IIIT Bangalore from July to October 2024.
- Ms. Aleena Ambrose successfully completed the Automation in Production Systems and Management course at IIT Kharagpur between July and October 2024.
- Mr. Jose Mikhev undertook the Software Testing course at IIIT Bangalore from July to October 2024.

B.Tech (Batch 2021-25)

- Risvana Rahim won the C Prize Scholarship Exam for final-year students, organized by the National Council for Technology and Training (NACTET).
- Farisha won the C Prize Scholarship Exam for final-year students, organized by the National Council for Technology and Training (NACTET).

- Rifana Ayoob secured the first prize in Carnival Rhythms at Chrysalis 2024.
- Rifana Ayoob secured the first prize in Crowd Puller at Chrysalis 2024.
- Rifana Ayoob secured the first prize in Split Screen at Chrysalis 2024.
- Sindrina Eby secured the first prize in Split Screen at Chrysalis 2024.
- Sindrina Eby secured the first prize in Crowd Puller at Chrysalis 2024.
- Sindrina Eby secured the first prize in Carnival Rhythms at Chrysalis 2024.
- Aiswaryalekshmi M R secured the 7th rank in the PSC Assistant Engineer Mock Exam conducted for final-year students by the Association of Engineers, Kerala, Ernakulam Chapter.
- Joyal Nelson, Paul Ben, Aadhil Mirza, and Feba Jose secured the third prize in the Cube Casting Competition (CUBIX) organized by the Department of Civil Engineering, FISAT

B.Tech (Batch 2020-24)

- Ms. Praise Ammini Paul was honored with the Best Student Award as the best outgoing student of the AISAT 2020-2024 batch.
- Ms. Ranjini R, Ms. Reshma G Pai Secured 6th month paid internship from Vinton Engineering with a monthly stipend. They joined Vinton on 1st February 2024.
- Mr. Sravan Ramakrishnan Menon, Mr. Nikhil V T, Ms. Aysha Nourin, and Ms. Najma Nazar won the Best Student Project Award at Procomp 2024 for their project on "Effective Strategies to Reduce Peak Hour Traffic Congestion at HMT Junction and Nearby Educational Institutions."



**Rithika Rojes of S4 CE (2023-27)
secured third position in APJKTU
Inter-zone Karate Competition.**

NEWS FROM FACULTY

NPTEL

- Prof. Vilbin Varghese has successfully completed NPTEL MOOC course on the topic Soil Dynamics during Jan-Apr 2024
- Prof. Sherine Justine has successfully completed NPTEL MOOC courses on three topics: Ground Improvement, Geosynthetics and Reinforced Soil Structures, and Soil Dynamics in July 2024 and January 2024.

Conference Papers

- Jerin Joseph, Sheeja M K , Evangela Henry, Aczalaya Mariya, , Numerical Analysis on Behaviour of Skirted Square Footing using PLAXIS 3D, International Conference on Novelties in Geotechnical Engineering ,April, 2024
- Jerin Joseph, Sreelekshmi GS, Farshana AS, Meenu Krishna, Jees Cleetus, Black liquor pulp as a sustainable admixture for enhancing strength properties of concrete pavement blocks, International Conference on Innovative Practices in Sustainable Engineering and Technology (IC-IPSET'24), July 2024
- Jerin Joseph, Sheeja M K Evangela Henry, Aczalaya Mariya, A Comparison of Single and Double Skirted Square Footings in Loose Sand using PLAXIS , 7th International conference on modeling and simulation in Civil Engineering, December, 2024
- Jerin Joseph, Riyana Sosa Cherian, Devika Joshi, Yogendra Tandel, Ravijeet Ranjan, Analysing the Performance of Cantilever Retaining Walls with Pressure Relief Shelves using PLAXIS 3D, Indian Geotechnical Conference, December, 2024
- Sherine Justine, Anil Kumar, Asika Johney, Evaluating Consolidation Characteristics in Soft Clays with Different Additives, Indian Geotechnical Conference December, 2024
- Nithya John, Sreelekshmi G Tejus nelson, S, Integrated Wetland-Biofuel cell for seafood effluent management, International conference in civil engineering for a sustainable planet, December 2024
- Rinku John, Deepa Balakrishnan, Seismic response of Arch Dams: Comparative Study of fluid modeling techniques, International conference on recent advances in Civil Engineer-

ing (ICRACE 2024), ISBN No. 978-81-977119-3-0 December 2024

Journal Publications

- Sindhu, A. R., Abraham, B. M., Pillai, A. G., & Sridharan, A. (2024). Mitigation Strategies for Strength Reduction in Lime-Stabilised Sulphate Bearing Kuttanad Marine Clays. *Indian Geotechnical Journal*, 1-16.
- Johnney, A., Abraham, B. M., & Sahoo, D. K. (2024). Metakaolin/Slag based Geopolymers—an alternative to lime stabilization of Cochin Marine clays. *International Journal of Geotechnical Engineering*, 18(3), 262-274.
- Johny, R., Rency, M., Abraham, B. M., & Sridharan, A. (2024). Effect of salinity on geotechnical properties of soft marine clay. *Geomechanics and Geoengineering*, 19(6), 991-1005.
- Sekhar, A. C., Abraham, B. M., Santhoshkumar, T. G., & Jose, B. T. (2024). Effect of Initial Water Content of Grout on Permeability of Grouted Sandy Soils. *Indian Geotechnical Journal*, 1-11.
- Mathew, L. A., & Joseph, G. (2024). Natural Rubber Latex Modified High Performance Concrete. *Iranian Journal of Science and Technology*, Transactions of Civil Engineering, 1-17.

FDP/Training Programs/Workshops

- Dr. Bindumol T V has participated in two day National Workshop on Emerging trends in Resilient Infrastructure organized by ICI Kochi Centre on September 2024.
- Dr. Bindumol T V, Prof. Liji Anna Mathew, Anagha S, Nithya John , Sherine Justine , Feeba George and Rinku John have participated in 5-day Online FDP "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) during January 2025.
- Prof. Liji Anna Mathew, Nithya John, Feeba George, Sherine Justine and Sree Lekshmi GS have attended 7 days on Outcome Based Education and Application of Generative AI in Teaching and Research conducted by The IQAC of Vasireddy Venkatadri Institute of Technology, Guntur, Andhra Pradesh and The IQAC of Siddaganga Institute of Technology, Tumkur, Karnataka during July 2024.

Student Progression

PLACEMENT DETAILS-BATCH 9 (2020-24)

SI No.	Register No.	Name of the student	Year of Passing	Name of the employer
1.	AIK20CE045	Ranjini R	2024	Vinton Engineering Pvt. Ltd, Kochi.
2.	AIK20CE019	Devika Joshy	2024	Live Own Interiors Llp , Kakkanad.
3.	AIK20CE046	Reshma G Pai	2024	Vinton Engineering Pvt. Ltd, Kochi.
4.	AIK20CE037	Nasreen M Shajahan	2024	Netza Technologies Pvt. Ltd.
5.	AIK20CE058	Vandana Sivan	2024	Netza Technologies Pvt. Ltd.
6.	AIK20CE003	Agnas Ashitha Pius	2024	Kerala State Warehousing Corporation .
7.	AIK20CE031	Marya Anjana	2024	Strands Post Tension Experts, Kochi.
8.	AIK20CE047	Revath Babu M	2024	Aspire Homes.
9.	AIK20CE050	Rohith V R	2024	My Home .
10.	AIK20CE036	Najma Nazer P	2024	Abad Builders Pvt. Ltd., Cochin.
11.	AIK20CE006	Aleena Joseph	2024	Yellow Stone, Panampillynagar, Kochi.
12.	AIK20CE020	Emmanuel Thomas	2024	Creo Homes.
13.	LAIK20CE062	Mereena Babu	2024	Kerala State Housing Board, Ernakulam Division .
14.	AIK20CE034	Muhammed Aslam	2024	Creo Homes.

PLACEMENT DETAILS-BATCH 9 (2020-24)

Sl No.	Register No.	Name of the student	Year of Passing	Name of the employer
15.	AIK20CE042	Nilina Rose	2024	Sutherland.
16.	AIK20CE011	Aneeta Elizabeth	2024	Sutherland.
17.	AIK20CE017	Assumpta K X	2024	Sutherland.
18.	AIK20CE055	Shifa V Anvar	2024	Sutherland.
19.	LAIK20CE061	Liyana Yasmin	2024	Sutherland.
20	AIK20CE023	Fidha Amrin	2024	Sutherland.
21.	LAIK20CE064	Sravan Ramakrishnan Menon	2024	Neptune RDC(Teamlease) Pvt Ltd..

HIGHER STUDIES DETAILS-BATCH 9 (2020-24)

Sl No.	Name of the student	University	Course details
1.	Sana Salim	Cochin University of Science and Technology, Kalamassery.	M.Tech in Computer Aided Structural Analysis and Design.
2.	Aliya A Hakkeem	Cochin University of Science and Technology, Kalamassery.	M.Tech in Geotechnical Engineering .
3.	Manishma N M	Government engineering college, Kannur.	M.Tech in Computer Aided Structural Engineering.
4.	Praise Ammini Paul	College of Engineering, Trivandrum .	M. Tech in Geotechnical Engineering .

Placement Offers

- Ms. Akhaya Krishnakumar, and Ms. Aiswaryalakshmi M R (Batch 10, 2021-25) received placement offers from Aarbee structures Pvt. Ltd. as Technical associate on 13.12.2024
- Ms. Sindrina Ebby, Ms. Aiswarya A J. , Ms. SreeGowri , and Ms. Aiswaryalakshmi M R (Batch 10, 2021-25) received placement offers from Sutherland as Technical associate on 13.11.2024

Congratulations



AKSHAYAKRISHNAKUMAR
S8 CE



AISWARYALAKSHMI M R
S8 CE



SREE GOWRI
S8 CE



AISWARYA A J
S8CE



SINDRINA EBBY
S8 CE

Internships



RESHMA G PAI



RANJINI R

Reshma G Pai and Ranjini R from the batch of 2020-24 have successfully completed full-term internships as Interns in Civil Engineering at VINTON ENGINEERING during their eighth semester for a period of 6 months.

Our Recruiters



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Success is not the result of spontaneous combustion. You must set yourself on fire.....



As I sit down to pen my thoughts, nostalgia floods my mind, taking me back to the corridors of Albertian Institute of Science and Technology (AISAT), where I spent some of the most transformative years of my life. It was not just an institution that imparted knowledge; it was a home that nurtured my dreams, a place that shaped my aspirations, and a community that felt like family. Looking back, AISAT was not just a stepping stone in my career—it was a foundation that shaped my character, ignited my passion for engineering, and gifted me memories that I will cherish forever. To my professors, mentors, and friends, I am deeply grateful.

Praise Ammini Paul
B.Tech (2020-24)



AISAT has been more than just a college; it has been the foundation of my growth as a civil engineer. The friendly and supportive faculty of the Civil Engineering Department played a crucial role in shaping my journey, always encouraging me to learn beyond textbooks. Through technical sessions, site visits, internships, and projects, I gained a deeper understanding of real-world civil engineering. Being part of professional bodies and associations like ICI, BIS, and ACEA, further enriched my learning experience, helping me grow into a well-rounded professional. These experiences, combined with the guidance of my professors and the unwavering support of my friends, have moulded me into the person I am today. AISAT didn't just give me a degree—it gave me a vision, a purpose, and the confidence to build the future. The memories, friendships, and lessons I've gathered here are treasures I will hold close to my heart for a lifetime.

Sravan Ramakrishnan Menon
B.Tech (2020-24)



When asked about what we have learned, the answer extends far beyond the knowledge gained from books. True learning also comes from the people around us—the mentors, classmates, and environment that shape us into the best versions of ourselves. At AISAT, I discovered not only academic excellence but also personal growth and self-discovery. It is here that I found the person I was meant to become, and support of those around me. AISAT has been more than just an institution; it has been a place of transformation, equipped with the values and confidence to take on future. The friendships, lessons, and memories created here will remain close to my heart, serving as a constant reminder of the profound impact AISAT has had on my journey.

Najma Nazer P
B.Tech (2020-24)



Having been a part of AISAT, I can confidently say that my time at the college played a pivotal role in shaping both my personal and professional growth. AISAT provided a dynamic learning environment that went beyond academics, fostering self-improvement through workshops, seminars, and co-curricular activities. The friendships I made during my time there are some of my most cherished memories—strong bonds built on shared experiences, late-night study sessions, and countless moments of laughter. The guidance and support from the dedicated faculty members, who were always there to mentor, encourage, and challenge me, played a crucial role in my development, both inside and outside the classroom.

Aysha Nourin
B.Tech (2020-24)

Together, We Forge the Path Forward.....

Civil Engineering Batch 2021-25



Together, We Forge the Path Forward.....

Civil Engineering Batch 2022-26



Together, We Forge the Path Forward.....

Civil Engineering Batch 2023-27



Together, We Forge the Path Forward.....

Civil Engineering Batch 2024-28



Together, We Forge the Path Forward.....

Civil Engineering Batch 2023-25 (M.Tech in Geomechanics and structures)



Together, We Forge the Path Forward.....

Department of Civil Engineering





Beyond THE CLASSROOM





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