

Department of Civil Engineering, VISAT

SAGA

September - December 2022 / Vol 01



COLLEGE VISION

To be a nationally recognized centre of excellence in engineering education and research for creating professionally competent and socially committed engineers equipped to meet the developing technological and socio-economic needs.

COLLEGE MISSION

We are committed to

1. Impart technical education through value based holistic teaching and learning integrating innovative practices.
2. Nurture the practice of real-world problem solving, the spirit of entrepreneurship, and critical thinking among the students.
3. Foster a conducive environment for Research, Innovation, and extension services.
4. Develop the potential of human resources to meet the requirements of cutting-edge technology.
5. Prepare all students for successful careers based on a strong moral & ethical foundation.

DEPARTMENT VISION

To be a premier provider of engineering education and research for creating technically sound and ethically responsible Civil Engineers, capable of empowering the society.

DEPARTMENT MISSION

We are committed to

1. Impart technical knowledge and skills in Civil Engineering through innovative teaching and learning practices.
2. Foster research & innovation for the amelioration of society.
3. Develop individual competencies and team leadership to enhance employability and entrepreneurship in students.
4. Nurture moral and ethical values among students for their successful career.

HEAD OF THE DEPARTMENT'S MESSAGE

Prof. Timi Thomas

It is my pleasure to release the first edition of our department news letter *Saga*. Civil Engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment. The Department of Civil Engineering aims at delivering technically proficient and ethically responsible engineers to the society. We mould our students with a good attitude and enthusiasm to develop as the best designers of the world's infrastructure. The Department is also privileged to have extremely dynamic and dedicated faculties.



PROGRAM SPECIFIC OUTCOMES (PSO)

After the completion of the program, students will be able to

PSO1. Identify the need for soil investigation and structural analysis in a construction project and to undertake the soil tests, structural design and estimation.

PSO2. Plan, design, construct, operate and maintain the engineering systems to enhance the quality of the environment and protect public health and welfare.

PSO3. Analyze, design, construct and maintain safe and efficient transportation systems.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

4 or 5 years after the completion of the program, the graduates will

PEO1. Have proficiency in providing solutions to Civil Engineering problems in industry and Government organisations.

PEO2. Engage in continuous learning for their professional development.

PEO3. Become leading professionals, innovator, entrepreneur and/or researcher.



FACULTIES



Soniya John
Assistant Professor



Aleena Elizabeth Jose
Assistant Professor



Thanuja Sasi
Assistant Professor



Jibi Kurian
Assistant Professor



Radhika R
Assistant Professor



Sindhu N
Lab Instructor

INITIATED STUDENTS PARTICIPATION IN 'JAL JEEVAN MISSION'



The inauguration of participation of students in the 'Jal Jeevan Mission' in Elanji Grama Panchayat was organized on 7th December 2022 at VISAT Engineering College. The program was started by a prayer song followed by a welcome address by Aparna T, student of seventh semester of Civil Engineering Department. The presidential address was delivered by Prof. Dr. Anoop K J, Principal. The event was inaugurated by the lamp lighting ceremony. Sri. Sabu Thomas, Asst. Executive Engineer, Kerala Water Authority Piravom delivered the inaugural speech. The token of gratitude was awarded to the guests by Rtd. Wg Cdr. Pramod Nair, Director. The vote of thanks was delivered by Cigin S Kallurumbil, student of seventh semester of Civil Engineering Department. An awareness session on Water purification was given by Sri. Sabu Thomas, Asst. Executive Engineer, Kerala Water Authority Piravom.

PUBLICATIONS

- Albert Thomas, Anagha K M, Jishnu Prakash, Soniya John (2022), "*Analysis of Retrofitted Building using ETABS*", International Journal of Precious Engineering Research and Applications, Volume 7.
- Adithya Saran P V, Aparna Raju, Dhanyamol Samuel, Jayakrishna Menon, Aleena Elizabeth Jose (2022), "*Redesign of G+2 Storey Concrete Structure to Steel using ETABS*", International Journal of Advance Research and Innovative Ideas in Education, Volume 8.
- Aiswarya Lakshmi, Akshith Jeevan, Beena, Prince P P, Ajana Prince (2022), "*Planning, Designing and Estimation of Hostel Building*", International Journal of Advance Research and Innovative Ideas in Education, Volume 2.
- Aron K Shibu, Alan Joy, Anjana G R, Kevin Sam Mathew, Anagha R (2022), "*Analysis and Design of Multi- Storey Building with L- Shaped Column*", International Journal of Advance Research and Innovative Ideas in Education, Volume 8.



WORKSHOP ON DGPS AND TOTAL STATION SURVEY

A three day workshop on Differential Global Positioning Systems (DGPS) and Total Station Survey was conducted for students from 12th December 2022 to 14th December 2022 in configuration with CILL Associates Pvt. Ltd. The workshop gave the students an opportunity to apply the knowledge and skills they have acquired on campus in a real life- work situation.

INAUGURATION OF CIVIL ENGINEERING ASSOCIATION "CEA"

The inauguration of the Civil Engineering Association (CEA) was organized by the Department of Civil Engineering on 9th December 2022 at VISAT Engineering College. The program was started by a prayer song followed by a welcome address by Anisha Jayadevan, final year student of Civil Engineering Department. The presidential address was delivered by Prof. Dr. Anoop K J, Principal. The event was inaugurated by the Chief Guest, Sri. Thalath A R, Asst. Cofounder and Principal Engineer at GreenEr. After the lamp lighting ceremony, the Chief guest delivered the inaugural speech. The Logo was launched by Rtd. Wg Cdr. Pramod Nair, Director.

The badging ceremony for office bearers and oath taking was led by Prof. Timi Thomas, Head of the Department. The Designation of office bearers are as follows: Chairman - Arun V R, Secretary - Uthara Shaji and Treasurer - JESTEENA K J. Felicitation was delivered by Rtd. Wg Cdr. Pramod Nair, Director. The token of gratitude was awarded to the guest by Rtd. Wg Cdr. Pramod Nair, Director. For the best logo design, Prof. Dr. Anoop K J, Principal awarded a cash prize to FATHIMA S, second year student of Civil Engineering. The vote of thanks was delivered by JESTEENA K J, final year student of Civil Engineering Department. Sri. Thalath A R gave a technical talk on various opportunities available in Civil Engineering and the skills to be developed by the students to fit into the construction industry.



PARTICIPATION IN KSCSTE TECHFEST



The final year students Arun V R, Cigin S Kallurumbil and Gokul K R presented their project 'Experimental Investigation on Properties of Modified Laterite Cement Brick' guided by Asst. Prof. Jibi Kurian in the Tech Fest organised by KSCSTE at CUSAT on 26th, 27th and 28th of October 2022.

TOPPERS



Anagha K M
2018-2022 Batch
S8 SGPA- 8.83



Aron K Shibu
2018-2022 Batch
S8 SGPA- 8.33



Beena
2018-2022 Batch
S8 SGPA- 8.00



Uthara Shaji
2019-2023 Batch
S5 SGPA- 9.26



Anisha Jayadevan
2019-2023 Batch
S5 SGPA- 8.59



Gopika G
2019-2023 Batch
S5 SGPA- 8.37



Vysakh S Anil
2019-2023 Batch
S5 SGPA- 8.07

PLACEMENTS 2022



Aiswarya Lakshmi
Specification Sales Consultant
MEC Engineers



Anagha K M
Trainee Engineer
Global Architect & Builders



Anjana G R
Trainee Engineer
Global Architect & Builders



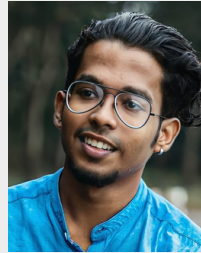
Aron K Shibu
Site Engineer
S&R Consultants



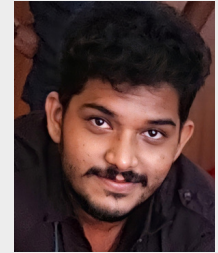
Beena
Site Engineer
Cohort Structural



Dhanyamol Samuel
Site Engineer
Cohort Structural



Jayakrishna Menon
Trainee Engineer
NJT Builders



Prince P P
Trainee Engineer
Home Square Solutions

INDUSTRIAL VISIT



The Department of Civil Engineering had organised an industrial visit to AAMRO Dairies Farm, Elanji on 19th December 2022. 41 students accompanied by 3 staff visited the site. The students were able to get exposed to a working environment. The students acquired knowledge on the construction with Autoclaved Aerated Concrete (AAC) blocks and construction of retaining walls. They were also able to study the water purification methods adopted in the site.

CONSULTANCY

1. Concrete cube testing for PMK Contractors Pvt. Ltd.
2. Cube testing process of concrete mix for Sreedhareeyam Ayurvedic Eye Hospital & Research Centre Pvt. Ltd.

UPCOMING EVENTS

1. Internships
2. Industrial Visit
3. Workshop
4. Placement Training

