



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University



**NEWS
LETTER**

Jan-June 2023

Vol : 10

Issue : 2



CIVISTA '22

DEPARTMENT OF CIVIL ENGINEERING

INSTITUTE VISION

"Moulding Professionals par Excellence with Integrity Fairness and Human Values".

INSTITUTE MISSION

- We commit to develop the institution into a Centre of Excellence of International Standards.
- We guide and mould our students in the attainment of intellectual and professional competence for successfully coping with the rapid and challenging advancements in technology and the ever changing world of business, industry and services.
- We help and support our students in their personal growth shaping them into mature and responsible individuals.
- We strive to cultivate a sense of social and civic responsibility in our students, empowering them to serve humanity.
- We promise to ensure a free environment where quest for the truth is encouraged.

DEPARTMENT VISION

"Building Professionally Competent and Motivated Engineers in the Arena of Civil Engineering with High Professional Ethics."

DEPARTMENT MISSION

1. To promote a better teaching learning process through academically proficient faculty, full-fledged laboratories and excellent infrastructure facilities.
2. To equip the graduates with knowledge, research and practical skills in modern Civil Engineering practices and techniques.

3. To inculcate knowledge of sustainability in various domains of Civil Engineering.
4. To nurture Civil Engineers into ethically strong and responsible leaders to address global challenges through quality education.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Our Graduates


- ☑ Shall tackle the multiple responsibilities of analysis, design and construction of traditional and modern systems in compliance with various codes of practices and to meet the current technical challenges.
- ☑ Shall be proficient in the use of relevant software packages for planning, designing, scheduling, executing and controlling of Civil Engineering projects, with an urge for life-long learning.
- ☑ Shall function effectively with individual capabilities as well as with a collective strength as a professional team with good communication skills.

PROGRAM SPECIFIC OUTCOMES (PSO)

Our Graduates shall have

1. Ability to utilize Civil Engineering principles and software that are appropriate to solve technical problems; prepare design and construction documents ; create structural systems; produce drawings, reports and quantity estimates related to the Civil Engineering domain.
2. Ability to utilize modern surveying methods for land measurement and/or construction layout and to conduct standardized field /laboratory tests related to Civil Engineering.

PRINCIPAL'S MESSAGE:



We, at VJCET, ensure high quality education which motivates and empowers our students to be lifelong learners and productive members of the society. At VJCET, education is not just the amount of information that is put into a student's brain, our education system is the one that caters the individual needs of our students.

An education system that develops the imagination of an individual is richer than the one that does not. The imagination is where new ideas are created and progress becomes possible. "Imagination is more important than knowledge" because knowledge is about what we already know, whereas imagination is what moves individuals and cultures forward. Imagination leads to innovation. I am extremely delighted to know that Department of Civil Engineering is bringing out their newsletter. "CIVISTA" offers a glimpse of student's activities and achievements, industrial interaction and overall development of department in a semester. This newsletter is a clear evidence of the positive and creative energy of faculty members and students of Civil Engineering Department of VJCET.

Dr. K.K. Rajan

HOD'S MESSAGE



We, the Department of Civil Engineering, feel our enthusiasm to publish the eleventh volume of our departmental newsletter, 'CIVISTA'23'. The department has served as a launching pad for attractive career opportunities in academia and industry as revealed by our placement records. I congratulate the students for their meritorious achievements. It may well be attributed to the excellent team of faculty members and supporting staff; - well experienced, committed and devoted in imparting holistic training as to make our students industry fit. I also appreciate the earnest efforts of the editorial board in compiling and publishing this edition.

Keep going, Team CIVIL!

Dr. Shine George

CONFERENCES /SEMINARS & TRAINING

- Mrs. Amrutha S participated in 10 days online Faculty Development Program on "Geospatial Data Processing and Analysis" conducted by VJCET, Ernakulam from 20/02/2023 to 06/03/2023.
- Mrs. Soumya Rani P Thomas participated in 5 days online Faculty Development Program on "Emerging trends in energy efficient building construction" conducted by VJCET, Ernakulam from 12/12/2022 to 16/12/2022.

FROM THE EDITORIAL BOARD

It is with great pleasure we showcase the eleventh edition of CIVISTA- the glistering newsletter of Civil Department. CIVISTA was and always will be the output of the tireless efforts put forth by both the staff and students. We would like to thank Dr. Shine George (HOD, Civil) for her continuous motivation and feedback for the final draft of CIVISTA' 23. We would also like to thank all the faculties and students of the Civil Engineering Department who constantly supported us with all the necessary data for coming up with this newsletter.

Mrs. Amrutha S (A.P, CED) & Ms. Sonu Johny (A.P, CED)
Staff Editors, CIVISTA

- Mrs. Finu John participated in 5 days online Faculty Development Program on "Inculcating Universal Human values in Technical Education" conducted by VJCET, Ernakulam from 12/06/2023 to 16/06/2023.

FACULTY ACHIEVEMENTS

- Dr. Neena M. Joseph, Asst. Professor, CED was awarded Ph. D. from NIT Calicut.
- Dr. Anoop C K, Professor, Department of Civil Engineering, was selected as Assessor and Peer Team Member to Higher Educational Institutions by NAAC.
- Dr. Shine George, Mrs.Devina Vipinan, Mr. Lins Paul Kuriakose and Mrs. Amrutha S published a paper on "Stress-Strain Response of Glass Fiber Reinforced soil" in International Research Journal of Technology & Future.
- Dr. Anoop C K published a paper on "Dam Break Analysis Of Idamalayar Dam Using HEC-RAS" in International Research Journal of Modernization in Engineering Technology and Science (June 2023), e-ISSN:2582-5208.
- Mr. Lins Paul Kuriakose published a paper on "Micro Silica as Partial Replacement of Cement in Concrete" in International Research Journal of Engineering and Technology (May 2023), e-ISSN:2395-0056, p-ISSN:2395-0072.
- Mr. Lins Paul Kuriakose published a paper on "Treatment of Hospital Wastewater by Electro-Coagulation Technique" in International Research Journal of Engineering and Technology (May 2023), e-ISSN:2395-0056, p-ISSN:2395-0072.
- Mr. Lins Paul Kuriakose published a paper on "Waste Foundry Sand as Partial Replacement of Fine aggregate in Concrete" in International Research Journal of Engineering and Technology (June 2023), e-ISSN:2395-0056, p-ISSN:2395-0072.
- Mr. Basil Baby published a paper on "Effect of ICP and ECP on

performance of cement based battery system – An experimental investigation” in Science Direct (August 2023).

- Mrs. Finu John published a paper on “Fruit Seeds as Potential Coagulants in Water Purgation” in International Research Journal of Engineering and Technology (May 2023), e-ISSN:2395-0056, p-ISSN:2395-0072.

PROFESSIONAL ACTIVITIES

- The Department of Civil Engineering, VJCET, has offered consultancy services to the National Transportation Planning and Research Centre (NATPAC) for undertaking Traffic Studies for the “Sabari Rail Project” vide Work Order NATPAC/457/2022-DH (TE and SD)/01 dated 03/12/2022.
- The Department of Civil Engineering, VJCET, has entered into an MoU with National Highways Authority of India (NHAI) for contributing its share of experience for the betterment of the Highway infrastructure. The ongoing Project is “Six Laning of Thuravoor to Paravoor section of new NH-66 in the state of Kerala on EPC Mode under Bharatmala Pariyojana”.
- A Session on "Career after Civil Engineering" by Mr. Muhammed Sajin S., Arcite School of Technical Education, Kochi was organized by the Department of Civil Engineering, VJCET for S8 Civil Engineering A & B Batch students on 06-03-2023.
- An Online Workshop on BIM by Mr. Viju Antony. Director, BIMIT was organized by the Department of Civil Engineering, VJCET for S4 & S6 Civil Engineering Batch students on 19-06-2023.
- The activities of the Civil Engineering Department Association (CIVISTA) for the academic year 2022-2023 was inaugurated on 07-01-2023 by Er. V S Sanjay Kumar, Principal Scientist & Head, Traffic Engineering & Safety Division, KSCSTE-NATPAC.

STUDENT ACHIEVEMENTS, ATTENDED PROGRAMS, INTERNSHIPS

- JOHN SUNNY, SARA JETCY, TOM. J. KONNACKAL, ASHISH . M. JOSEPRAKASH and RUBEN JOHNS of S4 secured first prize in working model competition (PRAVARTHAN) of National level technical fest BODHI 2k23.
- AKSHAY SS, ANANDHU PRAKASH, INDRAJ PS and VIVEK BIJU of S4 secured first prize in Still model competition (PRADARSHAN) of National level technical fest BODHI 2k23.
- DILNA K C and HARISANKAR MADHU of S8 secured first prize in Paper presentation (VIJJAPANAPATTRA) of National level technical fest BODHI 2k23.
- VARSHA R NAIR and FAIROUSE KABEER of S6 successfully completed

a 5 day training on Introduction to basic concepts road projects and Quality control system in PWD.

- ANTONY JOBISH of S6 successfully completed a 5 day intership in the field of interior designing.
- The students of S4 successfully completed a 5 day internship program at various construction firms such as Geofoundations and Structures, MVIP- Construction of river training wall at the right side downstream of Malankara Dam, Swathy Constructions, Construction of Box culvert across Kummadathodu at Thannimattom Bhagom.

INDUSTRIAL VISIT

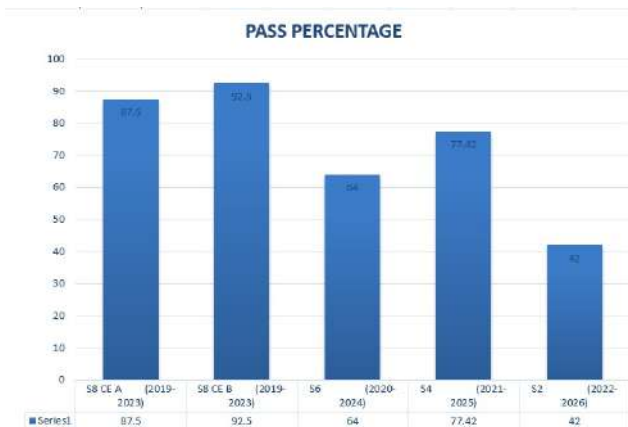
- An industrial visit was organized by the Department for the students of S4 CE in order to understand the activities of Lockhart Tea Factory, Munnar on May 3 2023.



- An industrial visit was organized by the Department for the students of S6 CE to Ultratech Cement factory, Aguda Fort, Chapora Fort and Old Goa Church, Goa on 25th May 2023.



UNIVERSITY EXAM RESULTS



CONGRATULATIONS



Mr. ALAN SUNNY

For being the **Best Outgoing Student** of
2019-2023 Batch of VJ CET
and

The recipient of "Msgr. Thomas Malekudy Endowment"

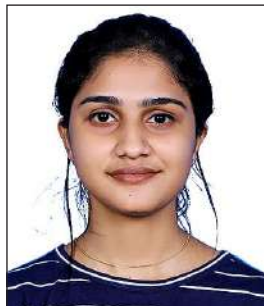
ACADEMIC EXCELLENCE



SANJU GEORGE KURIEN

Batch Topper CGPA 9.4
2019-2023 Batch

PLACEMENT UPDATES



J Gouri Priya N Nair
Graduate Engineer Trainee
RDC Concrete (India) Pvt Ltd
2019-2023 Batch



Jibin Johnson
Graduate Engineer Trainee
RDC Concrete (India) Pvt Ltd
2019-2023 Batch



Sara Mujeeb
Graduate Engineer Trainee
RDC Concrete (India) Pvt Ltd
2019-2023 Batch



Vaishnav C S
STRANDS - Post Tension Experts
2019-2023 Batch



Alan Sunny
STRANDS - Post Tension Experts
2019-2023 Batch



Stephen P Santhosh
FEDERAL BANK
2019-2023 Batch



Varun Jacob
SOUTH INDIAN BANK
2019-2023 Batch