



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

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



NEWS LETTER

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CIVISTA '21

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:



I am extremely delighted to know that Department of Civil Engineering is bringing out their biannual newsletter. "CIVISTA" offers a glimpse of student's activities and achievements, industrial interaction and progress of department in a semester.

Summing up, it is our cumulative efforts to provide an assessment platform to design our future course of action in coherence with the vision of the individual departments and the institute. I stand awed by the sheer number of contents that have come pouring in for the newsletter. This shows the positive and creative energy of students and faculty members of Civil Engineering Department of VJCET. Congratulations to the editorial team for compiling it the best way possible.

Dr. K.K.Rajan

FROM THE EDITORIAL BOARD

With blissful honour and privilege, I am presenting before you, the 9th volume of our department's newsletter. Though the after effects of the Covid 19 and its subsequent lockdowns are slowly receding back to normalcy, they are being slowly eclipsed by new array of challenges in the academic and professional world. With the current professional environment indicating bleak outlook into the future, it is of utmost importance and priority, that we must focus our attention to create a generation of confident, strong willed –engineering professionals ready to face these unique modern-day challenges. Tough times create tough individuals and it's been a great stride from our side to instil credibility and professionalism in our students.

Mrs. Nivya Mary Abraham (A.P, CED)

Staff Editor, CIVISTA

CONFERENCES/SEMINARS & TRAINING

- Mrs. Shine George attended a Seminar on " Role of Civil Engineers in Nuclear Industry" by Dr. K K Rajan, Independent Director, NPCIL, organized by Civil Engineering Association on 12.10,2021.
- Mrs. Shine George was Resource person for a Webinar on "Career opportunities in Civil Engineering" organized by Civil Engineering Association and Alumni chapter on 11.09.2021
- Mrs. Shine George attended a Webinar on " Advanced software in Civil Engineering" by BIMIT CAD & BIM Training, M/s CoreTech Solutions organized by Civil Engineering Association 21.09.2021.
- Dr. Anoop C.K attended a Workshop on "Sediment Transport Measurement and Monitoring" Hosted by UNESCO from 5/7/2021 to 9/7/2021
- Dr. Anoop C.K participated in an "International Conference of AQUA ≈ 360: Water for All – Emerging Issues & Innovations" from 31/8/2021 to 1/9/2021
- Dr. Anoop C.K attended 9th session of the Meeting of the parties to

HOD'S MESSAGE



It gives me immense pleasure to note that the Department is bringing out its current edition of newsletter. 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 place on record my appreciation for the untiring efforts of the editorial board in compiling and publishing this edition.

Keep going, Team CIVIL!

Ms.Shine George

the Water Convention from 29/9/2021 to 1/10/2021

- Mr. Lins Paul Kuriakose attended Faculty Development Program on "Exploring Entrepreneurship and Startup Opportunities" from 5/7/2021 to 9/7/2021.

FACULTY ACHIEVEMENTS

- Dr. Anoop C K nominated as Convener of Hydrology session for American Geophysical Union, AGU, Fall meeting 2021, New Orleans LA, 13-17 December 2021.
- Mrs. Tina Jose, Mareeta Thaus, Edwin Jolly, Eldho Stanley, Manu Biju, "Structural Analysis and Reinforcement Design of a Simply Supported Bridge at Edayar using CSi Bridge Software", in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 08 Issue: 09, Sep 2021 p-ISSN: 2395-0072, September 2021.
- Appu John, Amitha Raj, Athira B, Basil Varghese, Peter Jose, "Planning of School Building-Kadavoor Government VHSS", International Research Journal of Engineering and Technology (IRJET), Volume: 08, Issue: 08, Page No. 419-427, August 2021

PROFESSIONAL ACTIVITIES

- A Webinar on 'Career Opportunities in Civil Engineering' was organized by Department of Civil Engineering for final year students on 11-09-2021.
- An Awareness Program on 'Advanced Software used in Civil Engineering' by Mr Vinu Antony, Director, BIMIT CAD & BIM Training was organized by Civil Engineering Association, for 5th semester students on 21-09-2021.
- A Talk on 'Role of Civil Engineers in Nuclear Industry' by Dr. KK Rajan, Principal, VJCET was organized by Civil Engineering Association for final year students on 12-10-2021.
- A motivation session on "My Story" by Mr. Gautham, CBC expert was organized by Department of Civil Engineering in association with IEDC for final year students on 26-11-2021.

- Webinar on 'Entrepreneurship and innovation as career opportunity' by Ajay Thomas CEO Vatsa Energy Private Limited organized by Department of civil engineering in Association with IIC & IEDC on 27-11-2021

STUDENT ACHIEVEMENTS, ATTENDED PROGRAMS, INTERNSHIPS

- AISWARYA K SANTHOSH (20-24 BATCH) successfully completed the NPTEL course on 'Introduction to Civil Engineering Profession' with a consolidated score of 62%.
- AMITHA RAJ (20-24 BATCH) successfully completed the NPTEL course on 'Introduction to Civil Engineering Profession' with a consolidated score of 64%.
- BRINTA K JOSE (20-24 BATCH) successfully completed the NPTEL course on 'Introduction to Civil Engineering Profession' with a consolidated score of 62%.
- SOYA JOSHY (20-24 BATCH) successfully completed the NPTEL course on 'Introduction to Civil Engineering Profession' with a consolidated score of 51%.
- AKHILAMOL SIBY (19-23 BATCH) attended webinar on "The future mobile app industry by Huawei" on 11th October 2021.
- DEVADHATH MOHAN (19-23 BATCH) successfully completed MOOC course on "Introduction to GIS mapping" authorized by University of TORONTO through coursera
- YEDHUKRISHNA CV (19-23 BATCH) successfully
- ABINA JOSEPH (18-22 BATCH) successfully completed the NPTEL course on 'Maintenance and Repair of Concrete Structures' with a consolidated score of 60%.
- ABINA JOSEPH (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 52%.
- JOHN GEORGE (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 66%.
- JOHN GEORGE (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 56%.
- ALEENA NASAR (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 58%.
- ALEENA NASAR (18-22 BATCH) successfully completed the NPTEL course on 'Maintenance and Repair of Concrete Structures' with a consolidated score of 55%.
- ROSE MARIA JOSEPH (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 55%.
- ROSE MARIA JOSEPH (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 63%.
- ANUGRAHA MATHEW (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a

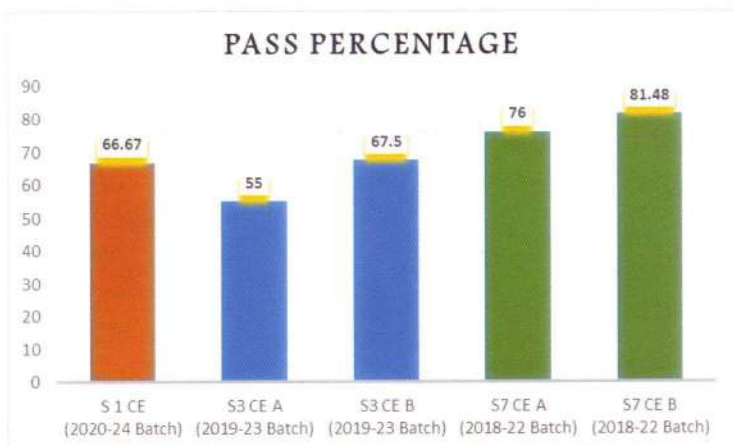
consolidated score of 64%.

- ANUGRAHA MATHEW (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 54%.
- RISLIN (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 60%.
- RISLIN (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 63%.
- SULTHANA P S (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 61%.
- SANDRA MARIA SIBY (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 65%.
- SANDRA MARIA SIBY (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 71%.
- ASHLY M ASSAINAR (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 61%.
- ASHLY M ASSAINAR (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 69%.
- CHRISTEENA SONY (18-22 BATCH) successfully completed the NPTEL course on 'Maintenance and Repair of Concrete Structures' with a consolidated score of 60%.
- CHRISTEENA SONY (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 50%.
- FATHIMATH SUHARA PA (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 55%.
- JERUS ANNA KURIAN (18-22 BATCH) successfully completed the NPTEL course on 'Glass in Buildings: Design and Applications' with a consolidated score of 58%.
- SANDRA MARIA SIBY (18-22 BATCH) successfully completed the IELTS exam for ACADEMIC with a consolidated score of 7.5.
- ANAMIKA S NAIR (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 62%.
- ROSHAN BYJU (18-22 BATCH) successfully completed the NPTEL course on 'Integrated Waste Management for a Smart City' with a consolidated score of 51%.
- ANITTA BABU (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 58%.
- ANNA MARIA JOSEPH (18-22 BATCH) successfully completed the

NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 62%.

- ANUSHA VINOD (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 68%.
- CHRISTY TOM (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 70%.
- KRISHNAPRIYA S (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 68%.
- LAKSHMI P SHAJI (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 69%.
- MARIYA ELDHO (18-22 BATCH) successfully completed the NPTEL course on 'Glass and Buildings: Design and Application' with a consolidated score of 61%.

UNIVERSITY EXAM RESULTS



ACADEMIC EXCELLENCE



Anusha Vinod
S7 CE A(SGPA-9)



Anugraha Mathew
S7 CE A(SGPA-8.8)



Elizabeth Shajan
S3 CE B(SGPA- 9.27)



Sanju George Kurien
S3 CE A(SGPA- 9.24)



C.S Nandagopal
S1 CE(SGPA- 10)

PLACEMENT UPDATES TCS



Alen Varghese Paul



Anugraha Mathew



Ashly M Assainar



Fathimath Suhra P.A



Hasna Amina



John George



Aiswarya Roby



Anna Mariya Joseph



Jimna Jabbar



Mariya Eldho



Sreelekshmi R Nair