



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:



VJCET focusses not only on academic excellence but also on the overall personality grooming of each student to turn them out as professional engineers who are able to communicate and interact effectively with all kinds of stake holders in their future careers. 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 overall development of department in a semester. I feel delighted by the sheer number of contents that have come pouring in for the newsletter. This is a clear evidence of the positive and creative energy of faculty members and students of Civil Engineering Department of VJCET. Congratulations to the editorial team for compiling it in the best way possible.

Dr. K.K.Rajan

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!

Dr.Shine George

FROM THE EDITORIAL BOARD

We are pleased to bring you the second edition of 9th volume of our Departmental Newsletter 'CIVISTA '22'. It is of at most importance that we must focus our attention to create a generation of confident, and competent engineering professionals well equipped to face the unique challenges of modern industry. This special edition is the reflection of Departmental activities— the achievements, the spirit of all the students and teachers, experiences and everything that is a part of the B. Tech in Civil Engineering course, be it curricular, co-curricular or extra— curricular during this semester. We would like to thank Dr. Shine George (HOD, Civil) for her continuous motivation and feedback for the final draft of CIVISTA' 22. 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.

Ms. Roniya Joseph (A.P, CED) & Ms. Tessin Paul (A.P, CED)
Staff Editors, CIVISTA

CONFERENCES/SEMINARS & TRAINING

- Mr. Appu John attended 6 days Faculty Development Program on "Emerging Trends in Construction Management" organized by Department of Civil Engineering, ToCH Institute of Science & Technology in association with Avishkaara School for Applied Professional Training, from 06/06/2022 to 11/06/2022.
- Mr. Appu John successfully participated in "IP Awareness/Training Program" under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 28/06/2022.
- Mr. Appu John attended Faculty Training Program "Introduction to FUSION 360" conducted by BIMIT CAD and BIM Training Services, M/S Coretech Solution on 30/05/2022.
- Mrs. Ancy Genu attended 5 days Faculty Development Program on "Advancement in Soil Reclamation Techniques" conducted by Muthoot Institute of Technology and Science, Varikoli from 04/04/2022 to 08/04/2022.
- Mrs. Ancy Genu attended 5 days Faculty Development Program on

"Emerging Trends in Construction Management" conducted by ToCH Institute of Science and Technology from 06/06/2022 to 11/06/2022.

- Mrs. Devina Vipinan attended 5 days Online Faculty Development Program on "Advanced Soil Reclamation Techniques" organised by the Department of Civil Engineering, Muthoot Institute of Technology & Science, from 04/04/2022 to 08/04/2022.
- Mrs. Finu John attended 5 days Faculty Development Program on "Building Information Modelling" organized by Department of Civil Engineering, GEC Thrissur from 04/04/2022 to 08/04/2022.
- Mr. Lins Paul Kuriakose attended a program on "Emerging trends in Construction Management" conducted by ToCH Institute of Technology and Science in association with Avishkaara School for Applied Professional Training, from 6/06/2022 to 11/06/2022.
- Mr. Lins Paul Kuriakose attended 5 days Faculty Development Program on "Advancement Soil Reclamation Techniques" conducted by Muthoot Institute of Technology and Science, Varikoli from 04/04/2022 to 08/04/2022.
- Mr. Lins Paul Kuriakose attended 5 days Faculty Development Program on "Advancement of Technology in Civil Engineering" conducted by Anand International College of Engineering, Jaipur, from 28/02/2022 to 05/03/2022.
- Mrs. Soumya Rani P Thomas attended 4 week program on Mastering Bitumen for Better Roads and Innovative Applications offered through COURSEERA from 13/02/2022.

FACULTY ACHIEVEMENTS

- Mrs. Shine George is awarded Ph.D. in the domain of 'Disaster Preparedness and Management' from NIT Calicut, on 24.02.2022.
- Dr. Shine George and Dr. P P Anilkumar published a paper on "Indicator Based Assessment of Capacity Development for Disaster Preparedness in The Indian Context", Environment Systems and Decisions 42, 417-435 (2022); Springer SCI/SCOPUS International.
- Dr. Shine George, Ms. Devina Vipinan, Ms. Neena M Joseph, Mr. Basil Jolly, Ms. Gayathry NP, Mr. Joseph Roy and Ms. Salini PN published a paper on "Evaluation and Identification of Traffic Bottle Necks

through Origin and Destination Study”, T & F Journal, VJCET.

PROFESSIONAL ACTIVITIES

- A Webinar on "Digital Twins in Civil Engineering" was conducted by Er. Wilson JK, Structural Integrity Engineer, NOC, UAE, for S7, S5, S3 and S1 students, coordinated by Ms. Bijimol Joseph, Department of Civil Engineering, VJCET on 08.02.2022.
- A Talk was conducted on "Management Education after Graduation, Opportunities in Banking & Govt. Sector" by T.I.M.E., Cochin for S7 students, coordinated by Ms. Amrutha S, Department of Civil Engineering, VJCET on 10.02.2022.
- A Webinar on "Building Information Modelling" was conducted by Ms. Lima Manohar & Mr. Shiju Sasidharan, for S5 students, coordinated by Ms. Tina Jose, Department of Civil Engineering, VJCET in association with Sec∞ on 24.02.2022.
- A Webinar on "Integrated Approach in Science & Technology" was conducted by Dr. Khadeeja Priyan, HoD, CED, G H Patel College of Engg. & Tech, Gujarat, for S3 and S7 students, coordinated by Ms. Ancy Genu, Department of Civil Engineering, VJCET in association with Sec∞, IGBC on 28.02.2022.
- A Talk on "Sustainability in the Built Environment" was conducted by Ms. Lee Theres Mathew, TuDelft University, Netherlands, for S2 students, coordinated by Ms. Devina Vipinan, Department of Civil Engineering, VJCET in association with UNAI on 04.03.2022.
- A Talk on "Industry Study Mission to Water Treatment Plant at Nettoor", was conducted by KWA, Waterworks Subdivision for S8 students, coordinated by Ms. Soumya Rani P Thomas, Department of Civil Engineering, VJCET on 18.03.2022.
- A Webinar on "Advances in Steel Design & Detailing Software" was conducted by Mr. Haris Mohammed, TEKLA Detailer, Keywords Technologies, for S8 students, coordinated by Ms. Devina Vipinan, Ms. Finu John & Mr. Appu John, Department of Civil Engineering, VJCET & ISTE on 25.03.2022.
- A Talk on "Future Scope in Construction Industry" was conducted by Matrix Inspection and Engineering Services for S2 & S4 students, coordinated by Mr. Appu John, Department of Civil Engineering, VJCET on 25.03.2022.
- A Talk on "Highway Design" was conducted by Protrainy for S6 students, coordinated by Ms. Devina Vipinan, Department of Civil Engineering, VJCET on 25.03.2022.
- One week Faculty Development Program on "Recent Advances in Structural Engineering" was conducted by Dr. K. Balaji Rao, CSIR, SERC, Chennai, Dr. Elson John, MACE, Dr. Sonal Dhanvijay, NIT, Nagpur, Dr. Greegar George, NIT Trichy and Dr. Keerthy Simon, NSS Palakkad for internal & external faculties coordinated by Ms. Soumya Rani P Thomas, Department of Civil Engineering, VJCET from 29.03.22 to 01.04.2022.
- One week Workshop on "Advanced Surveying Techniques in Total Station" for S8 civil students was coordinated by Mrs. Devina Vipinan and Mrs. Ancy Genu, Department of Civil Engineering, VJCET from 30/03/2022 to 05/04/2022.

STUDENT ACHIEVEMENTS, ATTENDED PROGRAMS, INTERNSHIPS

- ANTONY JOBISH, AHMED ABDUL RAHEEM, ASWIN S, ABHIJITH K MUKUNDAN and AMAL VIJAY of 20-24 Batch won first prize for Still Model of 'Green Building' during Bodhi'22, VJCET.

- SAM JAISON, FAIROASE KABEEV, AKSHARA SANTHOSH, AMAL JOSE and HEMANTH SANTHOSH of 20-24 Batch won second prize for Working Model of 'Hydroponic Farming' during Bodhi'22, VJCET.
- FARHANA T I of 21-25 Batch won first prize in Mehendi competition in Dhrishya' 22, VJCET.
- ALU ROSE RAJESH of 21-25 Batch won second prize in Water Colouring competition in Dhrishya' 22, VJCET.
- SARATH MOHANAN of 19-23 Batch successfully completed the NPTEL course in 'Introduction to Machining and Machining Fluids' and attended workshop on 'Importance of BIM' conducted by Core Institute of Technology.
- VARUN JACOB of 19-23 Batch successfully completed the NPTEL course in 'Introduction to Machining and Machining Fluids'.
- AMRITHA S, ASHER BIJU, FARHANA T I, NANDANA THULASIDHARAN of 21-25 Batch attended workshop by Techmaghi in association with Science and Technology council, IIT Varanasi.
- ANKITHA MANOJ, AKHILAMOL SIBI, DONA JOSE and SANDRA SIBY of 19-23 Batch successfully participated in workshop on 'the Digital Construction with BIM' by Bimlabs.
- ABID C ALI, AHAMMED AJLIN REZVI, ALU ROSE RAJESH, AMEENA K BASHEER, AMRITHA S, ANANDHU PRAKASH, ASHER BIJU, DELNA SHIBU and FARHANA T I of 21-25 Batch successfully participated in workshop on 'The Digital Construction with BIM' by Bimlabs
- GEORGEKUTTY SABU, INDRAJ P S, JOHN SUNNY, MAIMOONA S, MUHUSINA JAMAL, NANDANA THULASIDHARAN, PENEENA SAM, RUBAN JOHNS and VIVEK BIJU of 21-25 Batch successfully participated in workshop on 'The Digital Construction with BIM' by Bimlabs.
- ARAVIND RAJEEV of 19-23 Batch successfully participated in webinar on the 'AR/VR/Drone technology in construction' by Protrainy Skilled Learning.
- ABID C ALI, ANEES NAZAR, INDRAJ P S, JOHN SUNNY, NANDANA THULASIDHARAN, PENEENA SAM and VIVEK BIJU of 21-25 Batch successfully participated in webinar on the 'AR/VR/Drone technology in construction' by Protrainy Skilled Learning.
- AKHILAMOL SIBY, DONI BIJU and JESMIN JOSEPH of 19-23 Batch successfully completed the 'AutoCAD course' and attended workshops on 'Structural Engineering' by Protrainy Skilled Learning and on 'Digital Construction with BIM' by Bimlabs.
- GEORGEKUTTY SABU of 21-25 Batch successfully completed the 'AutoCAD course' and attended workshops on 'Structural Engineering' by Protrainy Skilled Learning and on 'Digital Construction with BIM' by Bimlabs.
- HARISANKAR MADHU and ROBIN OJ of 19-23 Batch successfully completed Internship on 'Introduction to AutoCAD' by Techmaghi.
- ABHIJITH A S, ABID C ALI ANEES NAZAR, DELNA SHIBU and GEORGEKUTTY SABU of 21-25 Batch successfully completed Internship on 'Introduction to AutoCAD' by Techmaghi.
- INDRAJ P S, NANDANA THULASIDHARAN, SARA JETCY, SIMAL RAG SHAJI and VIVEK BIJU of 21-25 Batch successfully completed Internship on 'Introduction to AutoCAD' by Techmaghi.
- MUHAMMED P.A and OUSAPPACHAN BASIL of 19-23 Batch successfully participated in webinar on 'Key Concepts of Irrigation' conducted by Protrainy Skilled Learning.

- ROBIN OJ of 19-23 Batch successfully participated in webinar on 'Design of structures: From Theory to Practice' and 'How Flipkart's helping small business to grow using NLP' by Tech Learn.
- YEDUKRISHNA CV of 19-23 Batch successfully attended workshops on 'Importance of BIM' by CORE Institute of Technology and 'Key Concepts of Irrigation' conducted by Protrainy Skilled Learning Pvt. Ltd.
- OUSAPPACHAN BASIL of 19-23 Batch successfully attended workshop on 'Importance of BIM' by CORE Institute of Technology and webinar on 'Interior Designing' conducted by Protrainy Skilled Learning Pvt. Ltd.
- ABID C ALI, AMEENA K BASHEER, AMRITHA S, ANANDHU PRAKASH, DELNA SHIBU, EVEETA THOMAS, FARHANA T I and GEORGEKUTTY SABU of 21-25 Batch successfully participated in the workshop conducted by NDLI club.
- INDRAJ P S, MAIMOONA S, MUHUSINA JAMAL, NANDANA THULASIDHARAN, PENEENA SAM and VIVEK BIJU of 21-25 Batch successfully participated in the workshop conducted by NDLI club.
- AHAMMED AJLIN REZVI, AMEENA K BASHEER, AMRITHA S, DELNA SHIBU, FARHANA T I and JOHN SUNNY of 21-25 Batch successfully attended webinar on 'Civil Engineering Employability'.
- MUHUSINA JAMAL, NANDANA THULASIDHARAN, PENEENA SAM and SARA JETCY of 21-25 Batch successfully attended webinar on 'Civil Engineering Employability'.

INDUSTRIAL VISITS



Industrial visit of S8 CE B batch 2018-2022 at Kaynes Technology, Mysore

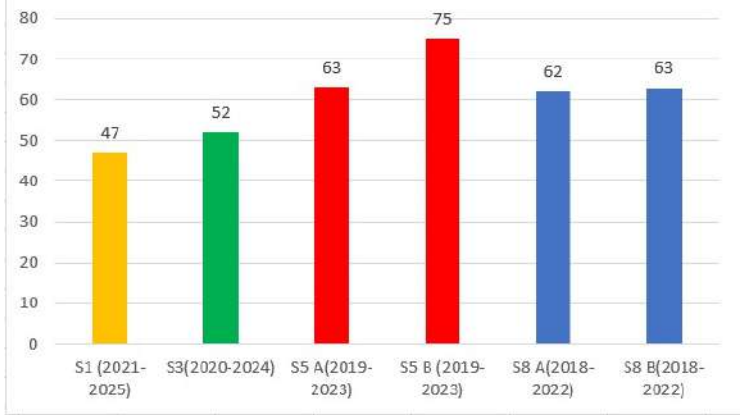


Industrial Visit of S8 CE A Batch 2018-2022 at Karapuzha Dam, Wayanadu



One week hands-on workshop on 'Advanced Surveying Techniques in Total Station' for S8 CE Students of Batch 2018-2022

UNIVERSITY EXAM RESULTS



ACADEMIC EXCELLENCE



Abid C Ali
S1-CE(SGPA- 8.97)



Aiswarya K Santhosh
S2 -CE (SGPA-9.48)



Alan Sunny
S5 CE A (SGPA-9.52)



Elizabeth Shajan
S5 CE B (SGPA-9.59)



Anusha Vinod
S8 CE A (SGPA-9.83)



Anugraha Mathew
S8 CE B (SGPA-9.5)

PLACEMENT UPDATES



Anakha Haridas
CAPGEMINI



Joseph Johns
SUTHERLAND



Abi Paul
INFOSYS



Divya K M
INFOSYS



Anna Maria Joseph
INFOSYS



Mariya Eldho
INFOSYS



Rose Mariya Joseph
INFOSYS & SUTHERLAND



Riya Reji
INFOSYS



Sandra Maria Siby
INFOSYS, SILPI ARCHITECTS & SUTHERLAND



Deena Thankachan
SUTHERLAND



Mathews Jose
SUTHERLAND



Rensho Binu
SUTHERLAND



Swathi Sreeraj
SUTHERLAND



Christy Tom
SUTHERLAND



Alphin Joshy
FACE



Amal Mathew
SUTHERLAND



Abin Michael
STRANDS POST TENSION EXPERTS



Ron Jose
STRANDS POST TENSION EXPERTS



Joel Reji
SUTHERLAND



Deon Tom
SUTHERLAND