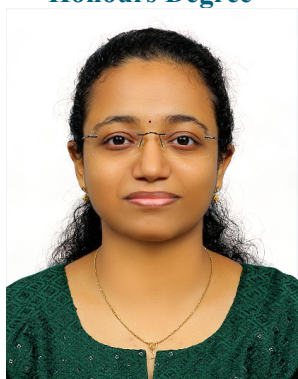




Our pride (2020-24 Batch)

**Sheetah Anna Kourala
have passes with both
Honours Degree and
Minor in Electrical
Engineering and
Honours Degree**



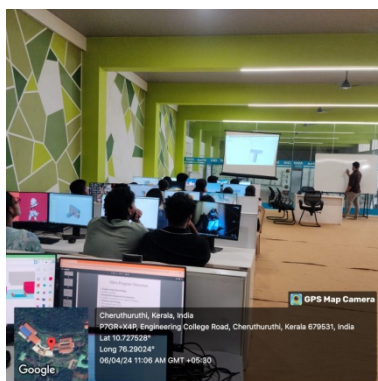
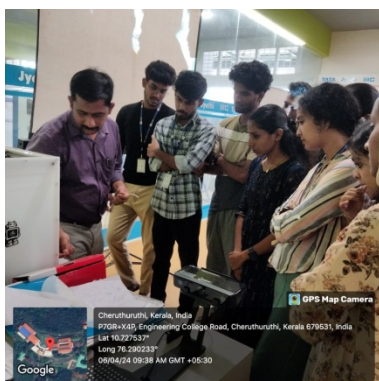
**Mr. Vishnu Vijayan
have passed with
Honours Degree**



**Mr Hasim Muhammed
have passed with minor
in Robotis and
Automation**



**Civil Engineering Department in assosiacion with ISTE conducted one day
workshop on 3D Printing and Design.**



COLLEGE VISION

Creating eminent and ethical leaders through quality professional education with an emphasis on holistic excellence.

COLLEGE MISSION

- To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of-the-art facilities.
- To equip the students with appropriate skills for a meaningful career in the global scenario.
- To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.
- To participate in the development of society through technology incubation, entrepreneurship and industry interaction.

DEPARTMENT VISION

To emerge as a Centre of Excellence in Civil Engineering through quality professional education and to create eminent leaders with values committed to the profession and society.

DEPARTMENT MISSION

- To impart state of the art education and to provide industry exposure to students
- To create civil engineers who successfully adapt and innovate solutions for the built environment
- To inspire and transform the students to hard core professionals and academicians with ethical values.

PROGRAM EDUCATIONAL OUTCOMES (PEO)

The program educational objectives of B.Tech in Civil Engineering are:

1. Graduates will have concrete knowledge in the application of necessary mathematical tools, scientific theories and modern developments in civil engineering.
2. Graduates will understand the societal needs and will be committed in developing optimal solutions.
3. Graduates will pursue higher education, research or entrepreneurship apart from being employable.
4. Graduates will be competent to face challenges in civil engineering through lifelong learning process and will have high ethical values, honesty and a sense of responsibility

PROGRAM SPECIFIC OUTCOMES (PSO)

1. Acquire the ability to plan, furnish and/or analyse designs and implement infrastructure-related systems, produce related documents, drawings and reports, and quantity estimates, related to the civil engineering domain.
2. Apply theoretical concepts and technical skills in developing appropriate sustainable solutions through self-learning, research and teamwork for technical problems requiring civil engineering interventions towards a better quality of life.
3. Utilise the acquired knowledge in Environmental Engineering and Transportation Engineering to conceptualise, analyse, and evaluate specific problems in Water Quality Management, Sanitation, Pavement Design, Traffic Engineering and Transportation Planning and develop appropriate solutions.

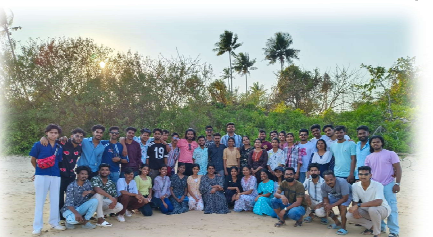
Department Activities



Prof. Cyriac M. G. giving a lecture on 'Water Quality Issues in Kerala to PG and PhD students of Kerala Agricultural University on 5th March 2022 at CWRE Jyothi Engineering College.



Students of S6 (2021-25 batch) visited Goa Waste Management Plant on 5th March 2024.



Students of S8 (2020-24 batch) visited St. Marys Island on 6th March 2024



Technical Quiz conducted for S8 (2020-24 batch) students 19th March 2024.



Students of S6 (2021-24 Batch) visiting Panikulam Aquaduct on 21st March 2024.



Students of S4 CE(2021-25 batch) visited construction site of new building of Jyothi Engineering College on 9th April 2024.

Students Achievements



Ms. Vyshavi P received the Best Student of the ISTE student chapter of Jyothi Engineering College by ISTE Kerala Chapter.

Ms. Sreelakshmi K G successfully completed 8 week NPTEL course on Plastic Waste Management with Silver and Elite certificate and topper

stamp among 5 % of Certified candidates.

Ms. Anjana Chandran V successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Ruby Joseph successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Athira T P successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Megha A B successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Ruby Maria Joshy successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Jiya Johnson successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Vinaya K N successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Annliya A T successfully completed 8 week NPTEL course on Plastic Waste Management by IIT Kharagpur.

Ms. Emilda John have successfully completed 4 weeks NPTEL course on "Advanced Topic of Science and Technology" by IIT Madras.

Mr. Anil C S have successfully completed 4 weeks NPTEL course on "Advanced Topic of Science and Technology" by IIT Madras.

Ms. Sreelakshmi P successfully completed 12 weeks NPTEL course on "Water and Wastewater Treatment" by IIT Bhopal..

Ms. Ruby Joseph successfully completed 12 weeks NPTEL course on "Water and Wastewater Treatment" by IIT Bhopal..

Ms. Athira T P successfully completed 12 weeks NPTEL course on "Water and Wastewater Treatment" by IIT Bhopal.

Ms. Sreelakshmi K G successfully completed 12 weeks NPTEL course on "Water and Wastewater Treatment" by IIT Bhopal.

Ms. Anjana Chandran V successfully completed 12 weeks NPTEL course on "Water and Wastewater Treatment" by IIT Bhopal..

Ms. Abith Sudeer V S successfully completed 12 weeks NPTEL course on "Urban Transportation Systems Planning" by IIT Kharagpur

Sports Acivements

Mr. Sharon T S of S6 and Ms. Adithya T J of S4 represented college in KTU atheletics meet, 1st to 3rd March 2024.



Mr Sharon T S S6 got first position in 1500m race in Annual sports meet 2023-24 academic year.

Mr Sharon T S of S6 got first position in 400m race in Annual sports meet 2023-24 academic year.

Mr Sharon T S, of of S6 got second position in 200m race in Annual sports meet 2023-24 academic year.

Mr Sharon T S, S6 got second position in 200m relay in Annual sports meet 2023-24 academic year.

Ms. Aditya T J of S4 have secured first position in 100m race in Annual sports meet 2023-24 academic year.

Ms. Aditya T J of S4 have secured second position in 400m relay in Annual sports meet 2023-24 academic year.

Ms. Aditya T J of S4 have secured third position in 200m race in Annual sports meet 2023-24 academic year.

Paper Presentations/Publicaions

Ms. Anju M.J. and Dr.. Alwyn Varghese published a review paper on "Review of Geopolymer Composites Syntheized using different industrial byproducts" on International Journal of Pavement Research and Technology, May 2024.

Ms.Surya, C.S., Ms.Archana, S published Book Chapter (2024). Study on Pedestrian Crossing Behaviour at Uncontrolled Intersection. In: Reddy, K.R., Ravichandran, P.T., Ayothiraman, R., Joseph, A. (eds) Recent Advances in Civil Engineering. ICC IDEA 2023. Lecture Notes in Civil Engineering, vol 398. Springer, Singapore. https://doi.org/10.1007/978-981-99-6229-7_45

Ms Arya Babu, Mr Muhammad Abid T K, Ajith C. S, Sam Varghese, Ms. Soorya M Nair, Ms. Suhas S Nair, Mr. Alwyn Varghese published a review paper on Exploring Copper Slag as an Eco friendly substitute for fine aggregate in concrete Manufacturing: Areview of literature, IJIRSET, Volume 13, Issue 4 April 2024.

Ms. Sheetal Anna Korulla, Mr. Sinto, Ms. Thejasree, Ms. Soorya M Nair, Mr. Alwyn Varghese have published a paper entitled "Shear failure responses of con concrete specimens to positive cyclic loading with cementitious material alternatives:A review" in International Journal of Modernization in Engineering Technology and Science , Volume 6, Issue 4, April 2024.

Ms. Anjali M M, Ms. Arya Manoj P, Mr. Aswanth Asokan, Mr.

Yadunandhan M B, Sr. Isline Shajan, Ms. Soorya M Nair, Dr. Alwyn Varghese have published a paper titled "Comprehensive review of Air Pollution Mapping Techniques using ArcGIS and MATLAB:Methods, Applications and Best Practices. In International Journal of Advanced Research Trends in Engineering and Technology. Volume 11 Issue 5, May 2024.

Ms. Jisha Dev V P have presented a paper titled "GIS Strategies and solutions for Traffic Congestion Analysis" at KETCON 2024 at Ahalia School of Engineering and Technology, organized by KTU.

Ms. Jisha Dev V P have presented a paper titled "Non Motorised Transport:Policies, Challenges and way forward" at KETCON 2024 at Ahalia School of Engineering and Technology, organized by KTU.

Ms. Devika P. and Ms.Archana S have participated in paper presentation TECHLETICS 24 organized by Christ College of Engineering on 28th February 2024.

Faculty Achievements

Ms. Soorya M Nair, received 'Certificate of Excellence' in Reviewing from Journal of Material Science Research and Reviews.

Dr. Alwyn Varghese received certificate of recognition for outstanding contribution on reviewing papers, at KETCON 2024, organized by KTU 16th -18th February 2024 hosted by Ahalia School of Engineering and Technology.

Prof. Cyriac M G have Published an article in Deepika paper entitled "Iron content in drinking water" on 3rd January 2024.

Dr. Vincy Verghese participated in regional workshop of Unnath

Bharath Abiyanon 2nd Marchat Kerala Agricultural University

Prof. Cyriac M G have Published an article in Deepika paper entitled "Things to take care while building a house" on 5th March 2024.

Ms Anna Joseph completed 8 week NPTEL course on Accreditation of Undergraduate Engineering programmes. Conducted by NITTR Bhopal.

Ms Archana S completed 8 week NPTEL course on "Mentoring and Counselling Skills for Teachers" Conducted by NITTR Chennai.

Ms Archana S completed 8 week NPTEL course on "Student Psychology" Conducted by NITTR Chennai.

Ms Jeffy Johny completed 12 week NPTEL course on Concrete Technology conducted by IGNOU.

Ms Anna Joseph Completed 4 week MOOC course on Science and Technology of Concrete.

Ms. Soorya M Nair has completed 12 modules of "Energy Literacy Training" of Energy Swaraj Foundation.

Ms. Soorya M Nair have completed Module 2 of AICTE national Initiative for Technical Teachers training

Faculty Development Programme

Ms. Archana S, attended five days of online FDP organized by Mar Baselios College of Engineering and Technology titled "Lidar Applications in Advanced Surveying", from 08.01.2024 to 12.01.2024.

Ms. Archana S participated in training programme on "Recent Advances in Transportation Geotechnics", from 15.01.2024 to 20/01/2024 at CET Trivandrum organized by DTE.

Dr. Vincy Verghese completed 5 days FDP on "GIS and

Geoinformatics: Emerging Spatial Technology for Civil Engineers" at GEC Thrissur from 15.01.2024 to 19.01.2024.

Ms. Anna Joseph completed 5 days FDP on "GIS and Geoinformatics: Emerging Spatial Technology for Civil Engineers" at GEC Thrissur from 15.01.2024 to 19.01.2024.

Ms. Soorya M Nair completed 5 days FDP on "GIS and Geoinformatics: Emerging Spatial Technology for Civil Engineers" at GEC Thrissur from 15.01.2024 to 19.01.2024.

Ms Jeffy Johny have completed ATAI FDP on "Emerging Technologies for Waste Management at SCMS School of Engineering Technology, from 15.01.2024-20-01-2024.

Ms. Soorya M Nair completed 3 days FDP on "Harmony in structures:Bridging Vastu and Civil Engineering" at Vidya Academy of Science and Technology, Thrissur from 22.01.2024 to 24.01.2024.

Ms. Archana S has completed 5 day FDP on "Concelling and Academic Mentoring" organized by Human Resource Development Centre, from 05.-02.2024- to 09.02.2024.

Ms. Archana S has completed 5 days online FDP on "NEP 2020: Implementation and Beyond" organized by Mangalmay Institute of Management and Technology'UP, from 10.-06.2-24- to 14.06.2024