



Jyothi Engineering College
 NAAC Accredited college with NBA Accredited programmes
 Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
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 NBA Accredited 8 Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for Academic Years 2016-2017 to 2018-2019
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CIVIL News

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CIVIL ENGINEERING DEPARTMENT

COLLEGE VISION

Creating eminent and ethical leaders through quality professional education with 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 engineers and 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 values

CIVILIANZ IN ACTION!



Ms. Neeraja P G and Ms. Nisni M Ashraf systematically coordinated a 3 day workshop on PRIMAVERA & STAAD.Pro.V8i from 10.1.2017 to 12.1.2017.

THARANG DEPARTMENT EVENTS



Our department had organized one major and two minor events in THARANG 2k17, the technical fest of our institute. The major event 'Structural Conquest', explored the technical skills of the participant in developing the best mix design for the concrete.



Our students proved their caliber in being fit for the industries looking for young professionals.



The minor events were 'Venator' and a survey hunt 'Popsicle bride', a bridge making competition was conducted by our department on the 23rd of Feb 2017 for identifying the technical competence among the participants

The S6 students were given an exposure to software's STAAD and ETAB by the officials of a Chennai based CAD Centre.

STUDENTS OUR PRIDE!!



Ms. Christymol Joshi (SGPA 7.69) stood first and Ms. Tania Baburaj, Ms. Vineetha and Ms. Raeesa. U. stood second with an SGPA of 7.64 their class in the results of the third semester university exams.

Ms. Christymol Joshi (SGPA 8.29), Ms. Vineetha (SGPA 8) and Ms. Tania (SGPA 7.76) stood first, second and third, respectively, in their class in the results of the fourth semester university exams.



Ms. Ambili P (SGPA 8.91), Ms. Mariya Rose Vincent (SGPA 8.57) and Ms. Anu Paul V (SGPA 8.32) secured first, second and third position, respectively in their class in the results of the sixth semester

Ms. Dizilda Vincent and Ms. Nora Fulgence, Ms. Dincy T S, Mr. Jijoo Antony, Ms. Jintu Rose Thomas, Ms. Krishna D, Mr. Manu C Paul, Ms. Mariya Rose Vincent, Ms. Revathi Gangadharn, Mr. Sarath Sankar of S8 CE got selected in Sutherland Global Services, a prestigious firm.

Ms. Mariya Rose Vincent got selected in VEE Technologies

Ms. Aiswarya J, Ms. Shannon T, Mr. Manu C P, Ms. Jesma T, Ms. Anna Vincent, Ms. Nora Fulgence, Ms. Dizilda Vincent and Ms. Megha were selected to join in Fine Engineers and Architects.

Ms. Athira Narayan of S7 Civil has been selected in the campus drive conducted by the well know company, Amazon.

Other moments of glory!

NACTET (National Council for Technology and Training) organized a merit scholarship exam – C Prize - for the final year students on 22nd March 2017. Ms. Sanila P. S. of S8 Civil has won the merit scholarship exam and was eligible for a scholarship of Rs. 25,000/-

PROGRAMME EDUCATIONAL OBJECTIVES

The objectives of the B.Tech in Civil Engineering curriculum are:-

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

The innovative minds of our department Mr. Manu C Paul, Mr. Hebin J C and Ms. Maria Rose Vincent has secured an amount of 15,000/- funded by Malayala Manorama Yuva mastermind for their break through project on Low Cost Total station.

Ms. Maria Rose Vincent of S8 Civil won the Prof. Radhamany endowment award instituted by our department for the best outgoing student.

PROGRAMME OUTCOMES

1. Ability to apply knowledge of mathematics, science and engineering in the field of Civil Engineering.
2. Ability to design and conduct experiments, analyze and interpret data and results in Civil Engineering.
3. Ability to design various civil engineering systems, components, or processes to meet the desired needs within realistic constraints such as health and safety, manufacturability and sustainability with economic, environmental, social, political and ethical considerations.
4. Ability to work individually as well as in multidisciplinary teams as a member or as a leader to accomplish the common goal.
5. Ability to identify, analyze, formulate, and solve engineering problems
6. Knowledge of professional and ethical responsibility.
7. Ability to communicate effectively in any area of their field to the industry, fellow beings and society.
8. Broad knowledge necessary to understand the impact of engineering solutions on individuals, organizations and society.
9. Ability to engage in life-long learning to update their knowledge to keep pace with changes caused by dynamic nature of engineering field.
10. Awareness of the contemporary issues that help to integrate advanced and sustainable solutions in the user environment.
11. Ability to use the techniques, skills, and modern engineering tools, software and equipment to analyze and model complex engineering solutions.
12. Capability of successfully getting employed or pursuing higher studies in the competitive world through contributions to industry/academy.

Ms. Haleema Lameez, Ms. Harsha P., Ms. Bhavya George, Ms. Angel John, Ms. Anjana C.P. and Varsha P. were awarded awards for their academic excellence awards.

Ms. Feba Ann Thankachan emerged out to be the individual sports champion among the girls.

A master plan of a school prepared by our S8 students Mr. Jijo Antony, Mr. Shane Jo Sam, Ms. Shannon Thankachan, Ms. Ambili P and Ms. Stegy Shaji under the guidance of Ms. Shiny Shaji, has been submitted to GHSS, Erumapetty.

Our S4 students, Ms. Siviya Varghese (SGPA 9.23), Ms. Anjana C P (SGPA 8.79) and Ms. Reshma Edwin (SGPA 8.48) has won the first, second and third positions, respectively, in their class in the third semester Calicut university examinations Our students have crossed regional borders to showcase their academic excellence, as a part of this various technical presentation by our students have taken place. Mr. Abhishek T S, Ms. Anna Vincent and Ms. Deepika P of S8 presented a paper entitled “Design consistency evaluation for two-lane rural roads: A case study from Kerala”, at the 4th Conference of Transportation Systems Engineering and Management, Transportation Engineering Division, held at Anna University on 12-13 May 2017.

Ms. Asha Dominic and Ms. Henna Maria Paul presented a paper entitled “Crash prediction modeling of rural highway curves using consistency index” at the 4th Conference of Transportation System Engineering and Management, Transportation Engineering Division, held at Anna University on 12-13 May 2017.

Ms. Henna Maria Paul and Ms. Asha Dominic of S8 presented a paper entitled “Effect of consistency on safety of non-urban highway”, at the National Conference on Recent Advances in Civil Engineering and Technology, held at Vidya Academy of Science and Technology, Thalakkottukara on May 24-26, 2017.

Mr. Abhishek T S, Ms. Anna Vincent and Ms. Deepika P, presented a paper titled “Operating speed model development for two-lane rural highways”, at the National Conference on Recent Advances in Civil Engineering and Technology, held at Vidya Academy of Science and Technology, Thalakkottukara on May 24-26, 2017.

Ms. Ambili P, Ms. Christymol and Ms. Haleema Lameez acquired certificate of proficiency for their academic excellence.

Ms. Akhila Francis, Ms. Ansa Babu P, Ms. Chithira Surendran, Mr. Rivin Varghese, Ms. Rosmy Sebastian of S8 presented a paper entitled “Acoustics of Large Buildings: Simplified Approach for Design Evaluation and Remedial Measures”, at the National Conference on Recent Advances in Civil Engineering and Technology, held at Vidya Academy of Science and Technology, Thalakkottukara on May 24-26, 2017.

FACULTIES OUR ASSET!



Ms. Anju M J dynamically coordinated the departmental activities related to the successful conduct of Tharnag 2017 which was held on 8th March

Prof. Cyriac M G and Mr. Sooraj Krishanan jointly published a book titled ‘Q- Solve’ for the first semester students of APJKTU a question answer guide for sustainable engineering and design engineering

Ms. Neeraja P G and Ms. Nisni M Ashraf systematically coordinated a 3 day workshop on PRIMAVERA & STAAD.Pro.V8i from 10.1.2017 to 12.

Ms. Anitha Jacob effectively coordinated a KSCSTE funded programme as a part of the celebrations conducted with regard to National Technology Day 2017 on May 4th 2017.

Our faculties very enthusiastic in indulging in various faculty development programmes hosted by different organizations and professional bodies.

Ms. Anu Theresa attended a short term training programme on environmental forensic investigation of ground water contaminated sites from 14 to 16 December 2016

Ms. Jisha Akkara attended a FDP on Essential Mathematics for Engineers from 28th November to 3rd December 2016 at VAST organized by ICT Academy of Kerala and KTU

Prof S Rathish and Ms Shiny Shajan attended a FDP on “Design thinking” conducted by Dept. of computer science engineering JECC ,jointly with IEDC and ISTE chapter on the 30th and 31st of January 2017.

Expert Lecture

Our HOD, Prof. S. Rathish, has been very proactive in various programme conducted within and outside the institute. He delivered a keynote address as part of the celebrations organized on the ‘World Water Day’ by Jananidhi, Govt. of Kerala on 22nd March 2017.

He also gave a lecture on “water quality management” for the students of computer science engineering department of our institute on 17th February 2017 and a lecture in the AICTE sponsored QIP short term course on recent trends in utilization of renewable and sustainable energy in engineering applications held at TKM college of engineering Kollam on 10.2.2017. He steered a session on total quality management training at CWE ,Kerala water authority, sponsored by CPHEEO Delhi on 18th January 2017 for the concerned officials of the nation

Prof Cyriac M G gave an awareness on the vitality of water quality to a community group of Kodumbu panchayath in Palakkad, which was organized by central ground water board

