



Jyothi Engineering College

Approved by AICTE & Affiliated to Kerala Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF THRISSUR

JYOTHI HILLS, VETTIKATTU P.O., CHERUTHURUTHY, THRISSUR PIN - 679531. Ph: +91 - 4884 - 274198, 274423. FAX: 04884 - 274777

www.jecc.ac.in | E-mail: info@jecc.ac.in



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 become 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

- Impart state of the art education and industry exposure to students, inspire and transform them to hard core professionals with values.

SHORT TERM TRAINING



A Three day workshop on 'Total Station Surveying – Theory and Practice' was conducted by the department jointly with

Leica Geosystems, TVM during Feb 26-28.

Beneficiaries of the program included, candidates from Irrigation, KWA, private surveyors and faculty from Engineering Colleges and Poly Techniques. Dr. Anitha Jacob and Ms. Nirmala M coordinated the workshop.

NEW LABS

The CAD lab and the Geotechnical Lab, were set up and blessed by Fr. Jose Punnoliparambil. A full-fledged Computer Application Lab was set under the leadership of Ms. Nisni Ashraf. High end licensed software's like Primavera, STAAD, SAP, ETAB are installed along with other software's like AutoCAD, EPANET etc. The Geotechnical lab was set up under the leadership Ms. Tricy Luis. The Environmental Engineering Lab of the department was inaugurated. Prof. Cyriac M G, who is in charge of the Lab has made the arrangements for water quality testing consultancy. The Department started doing consultancy work for Railways, PWD and private agencies in the form of testing of soil, water and construction materials.

SHORT TERM TRAINING



The Department organized a two day training programme namely, EXPOSURE 2015 for the Third year students of the Department on 19th and 20th of August. Students had a vigorous off campus training on land survey and training on various soft computing skills and drafting techniques. Dr. Anitha Jacob, Ms. Sinu C G and Ms. Nikhila A P were the coordinators of the programme. Prof. K. C. John of Mechanical Engineering Department of JECC took classes on Auto CAD.



World Habitat Day was jointly celebrated in the college by IEI and Civil Engineering Department, the function was inaugurated by Dr. Subramania Prasad, Principal Al Ameen Engineering college on 15th October 2015. He gave a lecture based on the theme of the program 'Public Space for All'.



A College level Quiz competition was conducted by ISTE civil student chapter on 8th October and a Technical Talk was delivered by Dr. K. R. Lekha, Scientist, KSCSTE on Coir Geotextiles in Civil Engineering –Field Experience on 9th October 2015.



The Civil Engineering Association was inaugurated by Dr. T S Balagopal Prabhu, Retd. HOD, CE NIT Calicut on 17th October 2015 and he gave a lecture on Timber Technology.

STUDENTS ACHIEVEMENTS



Mr. Abhishek, Mr. Jackson Shajan and Mr. Hebin of S4 CE won second prize in the survey competition conducted by Thejus Engineering College.

Mr. Abhishek and Mr. Manu Paul have won First Prize in Theodolite Survey



Mr. Manu C Paul of S5 Civil is one of the team member who got first prize in "Startup i3" a workshop conducted by Kerala Startup Mission (KSUM) in association with Openfuel.org conducted between 19-21 and October 2015.

Ms. Jishma Joy and Mr. Jithin Mathew (S7CE) presented a paper on "Water quality management-Need for alternative Strategy" at National conference by ISTE held at NSS College of Engineering, Palakkad on 22nd September 2015.

PROGRAMME EDUCATIONAL

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

Graduates shall have concrete knowledge in the application of necessary mathematical tools, scientific theories and fundamentals of civil engineering

Graduates shall be inspired to pursue higher education, research or entrepreneurship apart from gaining professional practice in civil engineering

Graduates shall be competent to face challenges in civil engineering and adaptive to lifelong learning process.

Graduates shall be transformed to technocrats of high ethical values, honesty and responsibility who can understand the needs of the day and serve the society prolifically.



Mr. Manish M and Mr. Shine Sunny (S7CE) presented a paper on "Modern methods of construction Engineering" at National conference by ISTE held at NSS College of Engineering, Palakkad on 22nd September 2015.

Ms. Dincy T. S. of S4 Civil won the First Prize in 100 m and 400 m race and Second Prize in 200 m race in the College Sports Day Competitions. She is the Individual Sports Champion (Female).

PROGRAMME OUTCOMES

Ability to earn contemporary knowledge in the field of civil engineering

Ability to apply the knowledge of mathematics, science and engineering in identifying, analyzing, formulating and solving or designing various civil engineering challenges

Ability to practice as civil engineers by using up to date techniques, skills, and tools that make them most wanted for industry

Ability to collect, analyze and interpret data

Ability to develop a system that works well within the realistic constraints such as economy, environment, ethics, safety and sustainability

Ability to engage themselves in research and lifelong learning process

Ability to find self employment through own or partner entrepreneurship

Ability to enhance job quotient with sharp soft skills and rationalized knowledge

Ability to function in a group as a leader or a team member

Ability to communicate ideas and concepts effectively



Ms. Deepika P of S4 Civil has won the second prize in Versification (English) in the College Arts Fest

Ms. Swetha C.V. of S6 Civil got the prize in Pencil Drawing Competition conducted as part of Arts Fest.I

Ms. Anci Devi of S6 Civil got the Third prize in Tamil Story Telling competition in the D-zone.



Ms. Asma T.H. won the second prize in Bharatanatyam and second prize in Malayalam Essay writing in the Arts Festival conducted by our college in March 2015.

Ms. Jishma Joy of S6 Civil secured the First Prize in Discus Throw and Third prize in Shotput in the College Sports day competitions. Ms. Bency Joy of S6 Civil won the Third prize in Discus Throw and third prize in 400 m race in the Sports day competitions.

University Result



The University results of the S5 students was remarkable with a pass percentage of 78.79 % . . Ms. Ambili P got an SGPA of 9.20 followed by Ms Aiswarya Jayaprasad and Ms. Neethu Jose (8.95, 8.80)

The Final year students showel academic abilities with a remarkable result in the Fifth semester university exams with a pass percentage of 80.6 %. Ms. Ameera V U has got an SGPA of 8.91 followed by Ms Divya Joshi and Ms. Bency Joy (8.64, 8.32)

Placement

S7 Students were given a 5 day placement training program in the campus by Career 360° group.



The Civil Engineering Department proudly presents the following students of the Final year who are placed through the Campus recruitment process.

Mr. Indrajit C S, Ms. Jishma Joy, Ameera V U, Sanaj Rajan, Saleel Saleem, Hemanth M S and Shine Sunny were placed in an international firm UNFCF, Oman.

Ms. Archana C D of S7 CE was placed in Infosys.

STAFF ACHIEVEMENTS



PROF. S RATHISH

Prof. S Rathish took charge as Head of Civil Engineering Department on July 2015. He had more than 30 years of Service

in the Water Authority Kerala and retired as the Chief Engineer from Trivandrum

Expert Lecture:

- Prof S Rathish ,HOD CE Dept. handled a session for IAS officers (All India level) at IMG, Trivandrum on 25th sep 2015
- Prof. S Rathish was invited as a resource person for training of senior officials and technocrats in various departments like Kerala Water Authority and Kerala Rural water supply and sanitation agency.
- Prof S Rathish ,HOD CE Dept. handled a session for IAS officers (All India level) at IMG, Trivandrum on 26th Nov 2015

Publication



A paper on "Geometric design consistency and safety evaluation of combined curves on two-lane rural highways" by Dr. Anitha Jacob and Dr. Anjaneyulu M V L R was accepted for presentation at 3rd International conference of Transportation Researchers Group of India held at Kolkata on December 17 to 20, 2015.

Prof. S Rathish presented a paper on 'Rational Approach to Water Quality Management' at a National Workshop on Issues and Challenges of Drinking Water Management in Kerala organized by Kerala State Planning Board in association with KSCSTE on October 1st 2015.

Prof. S Rathish presented a paper on 'Smart Water Supply in Cities' at the on 31st National Conference of Architectural Engineers conducted by The Institution of Engineers India between 29 and 30 October 2015 at Kozhikkode.

Dr. Anitha Jacob was awarded the Best Research Paper Award in Roads in the Indian Roads Congress, instituted by Bihar PWD.

Faculty Development Programmes



Ms. Anitha Jacob and Ms. Jisha Akkara attended a Short Term Training Program at GEC Thrissur on 'Recent Innovations in Transportation Engineering' between 5 and 9 October 2015.

Mr. Sooraj Krishnan attended an orientation class on Design Engineering conducted by KTU at Trivandrum.

NEW APPOINTMENTS:



Ms. Nikhila AP and Ms. Nisni Ashraf, Ms. Rachana R, Ms. Anu Theresa and Mr. Sooraj Krishnan were joined as teaching faculty and Mr. Franklin Francis joined as the lab staff on 2015.

Ms. Nirmala M and Ms. Jisha Akkara were given training on STAAD by interCAD Ltd on January 2015



Prof. Cyriac M.G, Ms. Anitha Jacob and Ms. Neeraja P.G were given training on PRIMAVERA by Adroitec Solutions Ltd on January 2015

Ms. Sinu C G attended Training program on 'Cost Effectiveness in Building Construction' conducted by the Architecture department of GEC Thrissur between 16 and 20 February 2015

Industrial Visits

S3 and S7 students completed their 3 day industrial visit and 7 day trips to Mysore and Hyderabad respectively and S3 students visited a plywood manufacturing factory.

Dedicated to Our Respected Teacher

Prof. A Radhamany

On July 6th 2015, we lost our beloved Head of Department, Prof. A Radhamany (Former Principal of GEC Waynad).



Dear teacher, we bow before you. Your name is written with the golden letters in the history of Jyothi Engineering College. She was the First Head of Department of the Civil Engineering Department.

