

Civil Engineering



DEPARTMENT NEWS LETTER Volume17, APRIL 2016

Civil engineering is the application of physical and scientific principles for solving the problems of society, and its history is intricately linked to advances in understanding of physics and mathematics throughout history. Because civil engineering is a wide ranging profession, including several separate specialized sub-disciplines, its history is linked to knowledge of structures, materials science, geography, geology, soils, hydrology, environment, mechanics and other fields.

The Department was established in 2010 with the inception of the college. The Department boasts of a faculty that specializes in the fields of Structure engineering, Geotechnical engineering, Water resources, Transportation engineering, Construction management, Geo Informatics and Environmental engineering. The labs are fully equipped to enhance the knowledge of the student, periodic field trips and visits to various project sites are arranged. Department offer M.Tech. in Structural Engineering and Construction Management with effect from 2014.

VIMAL JYOTHI Engineering College

**Department of
civil Engineering**

VISION

Shaping
infrastructure
development with
societal focus

MISSION

**Achieve
International
Recognition by:**

- **Developing
Professional
Civil
Engineers**
- **Offering
Continuing
Education**

MESSAGE FROM THE HEAD

Our enrollment continues to climb despite increasingly rigorous admissions standards. As a Department, in recent years we have received more applications for an admission into Civil Engineering. As a result, the student body is a remarkable group of exceptionally bright, ambitious, and hardworking students who are hungry for a top-flight engineering education. Our students find a diverse curriculum that emphasizes both traditional and emerging areas of Civil Engineering, simultaneously developing experimental, communication, and leadership skills. A major strength of our department is a truly outstanding faculty, many in the early stages of their careers, who have become some of the brightest stars in the Civil Engineering discipline. I hope you will take a few moments to peruse this Newsletter for information on academic programs, faculty research, awards and other recognition received by our students and faculty and news.

Prof. Biju Mathew

From the editorial board

Greetings from Civil engineering department of VJEC and a warm welcome to the sixth edition of the Departmental newsletter. VJEC –Civil Department aims at developing students to understand the impact of the professional Civil Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. Our calendar of events is already well underway with a few events already held such as Industrial Training , Technical fest etc.

**Anitha Babu , Namitha K, Anita S,
Joshma Madhusudhnan(Staff Editors)**

**Department of Civil Engineering is
conducting a National Conference
"INNOVATION IN CIVIL ENGINEERING" on
6 th May 2016 at Vimal Jyothi Engineering
College**

for more information

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Prof Hanzel H Fernadaz

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The Falkirk Wheel



Completed in 2002, the Falkirk Wheel is the world's first and only rotating boat lift. It was designed to connect the Forth and Clyde Canal with the Union Canal.

The two canals were previously connected by a series of 11 locks. They fell into disuse by 1930s and the locks were filled in.

The plan to regenerate central Scotland's canals to Glasgow with Edinburgh was led by British Waterways and supported by seven local authorities.

Rather than recreating the docks, the planners decided to create a dramatic landmark structure to reconnect the canals.

Civil engineers designed the wheel to lift boats from one canal level to the other - a distance of 35 metres.

ADMISSIONS

Admissions for M.Tech In civil engineering – structural engineering and construction management started for 2016 started.

Number of seats – 24,

Tuition fee – 48000/semester,

5000 scholarship for eligible candidates

Results

First semester result of KTU published

VJEC score 22nd position out of 157 colleges,

CE Department scores 11th Position

ONE DAY WORKSHOP ON SUSTAINABLE HABITAT



**Vimal Jyothi**
Engineering College

**A ONE DAY
WORK SHOP ON SUSTAINABLE HABITAT
ON MARCH 19,2016**

DEPARTMENT OF CIVIL ENGINEERING, VIMAL JYOTHI ENGINEERING COLLEGE

IN ASSOCIATION WITH

**THE LAURIE BAKER INTERNATIONAL SCHOOL OF HABITAT STUDIES
TRIVANDRUM, GOVERNMENT OF KERALA.**

RESOURCE PERSONS
Dr. P R Sree mahadevan pillai
Ar. Ramesh, Kozhikkode
Prof. Raghukumar C

Co ordinator Sigi Thomas
Asso. Prof.

One day workshop on SUSTAINABLE HABITAT was organised by Department of civil engineering in association with THE LAURIE BAKER INTERNATIONAL SCHOOL OF HABITAT STUDIES TRIVANDRUM, GOVERNMENT OF KERALA on 19th March 2016. The program was inaugurated by The Chairman Rev Fr GEO PULICKAL.



ART OF WRITING TECHNICAL ARTICLES

The Department of Civil Engineering organized a short term training programme on “**Art of writing Technical articles**” on **21.03.2016**. This course was of particular benefit to teachers, lab assistants, Ph. D. scholars and M.Tech. students from recognized Engineering colleges.

A SHORT TERM TRAINING PROGRAMME ON

**ART OF WRITING
TECHNICAL ARTICLES**
(21st March 2016)

COURSE COORDINATOR
Dr. P. V. Nidheesh



ORGANIZED BY

Department of Civil Engineering
Vimal Jyothi Engineering College
Chemperi, Kannur, Kerala, India

CORRESPONDENCE
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Department of Civil Engineering
Vimal Jyothi Engineering College