



TECHZINE

DEPARTMENT OF CIVIL ENGINEERING

AUGUST 2018 to December 2018

VISION OF DEPARTMENT

TO BE A GLOBAL CENTRE OF EXCELLENCE IN IMPARTING QUALITY EDUCATION IN ALL THE FRONTIERS OF CIVIL ENGINEERING FOR THE DEVELOPMENT OF THE SOCIETY

MISSION OF DEPARTMENT

M1: To educate the students in the field of Civil Engineering by adopting best teaching – learning process with state of the art facilities and infrastructure

M2: To encourage the students to contribute to the development of the society by pursuing a promising career in the industry by making them employable with the necessary soft skills and leadership qualities

M3: To encourage the students to pursue higher studies and carryout research and development in various fields of Civil Engineering

ABOUT THE DEPARTMENT

Civil Engineering is a diversified and one of the oldest branches of Engineering that encompasses study in fields of Structural engineering, Geotechnical Engineering, Environmental Engineering, Construction Engineering & management & various other specialized areas. The Civil Engineering mainly involves Planning, Analysis & Design of different infrastructure projects & implementation through sustainable approach on a turnkey basis.

The Departmental facilities of the college include state of art laboratories encapsulating Structural & Geospatial software's in CAD lab and sophisticated state of art equipments required for conceptualization .The facilities also includes advanced teaching techniques for undergraduate students in the smart classrooms. The objectives of the course calls for effective teaching by experienced faculties through use of different pedagogical facilities thereby creating vibrant learning ambience and exacerbated through industrial visits, guest lectures , workshops etc.

Our faculties are associated with R&D and consultancy works for improvement of quality teaching that makes the department one of the most sort of department in Bangalore. The faculty members contribute to academic development by publishing books and presenting papers in International Conference, National conferences and journals.

HOD MESSAGE

The Department of Civil Engineering has a well defined plan to coordinate and implement various academic, extra-curricular and co-curricular oriented activities carried out for overall growth of the department. The Faculties constantly interact with various experts and industries from academics and industry to evolve and organize the different events of the department with an objective of bridging the academic and industry gap. The target plan of the department envisages activities that involve conduct of industry oriented workshops, industrial visits, guest lectures, software training, student participation in various paper presentation competitions and other student technical events. These activities are keeping in tune with the departmental vision of attaining Engineering excellence in all frontiers of Civil Engineering achieved through well planned and coordinated efforts of the teaching and non teaching staff that are credible and committed to the core to meet the envisioned departmental standards.

JYOTHY INSTITUTE OF TECHNOLOGY,
THATHAGUNI OFF
KANAKAPURA ROAD
BENGALURU-560082

E-mail:

principaljyothyit@gmail.com

Programme Educational Objectives:

PEO 1: The students should emerge as successful civil engineers in the industry, consulting firms and the government sector

PEO 2: The students should demonstrate their expertise and skill by being successful entrepreneurs, leaders and innovators which will enable societal growth and national economic development.

PEO 3: the students should demonstrate sustained learning and adopt themselves to the constantly developing field of civil engineering and continue in the path of life-long learning by research and self-study

Technical Deminar on Self Compacting Concrete

A technical deminar on “Self Compacting Concrete – Preparation and Testing” was conducted at Jyothy Institute of Technology in association with the Indian Concrete Institute - KBC on 17th November 2018. The deminar was presented by Mr. Shreedhar Revankar, Technical Service Manager, BASF Chemicals. The talk was conducted with the objective of educating the students about the procedure of designing self compacting concrete mix and various tests to determine the physical properties of self compacting concrete.



Inauguration of Student Chapter of IGBC and Technical Talk

The student chapter of Indian Green Building Council was inaugurated at Jyothy Institute of Technology on 26th September 2018. A technical talk was presented by Ar. Deepa Vedavyas about knowing the importance of Green Buildings and its effect on the environment. This interactive session was followed by a talk by Er. Ashok Kumar who provided the details about the activities of IGBC which the students and faculty members can make use of.

The probable outcome that the students and the faculty members were expected to achieve by this talk was to understand the scope and importance of Green Buildings and methods adopted in their constructions.



Technical Site Visit to Kabini Dam

A technical site visit was conducted to the Kabini Dam and Hydroelectric Power Plant by Jyothy Institute of Technology in association with the Indian Concrete Institute - KBC on 6th September 2018. The visit was conducted with the objective of providing a real time exposure about the earthen dam, irrigation structures and hydroelectric power generation.

The probable outcomes that the students were expected to achieve by this presentation was to understand the magnitude of the work involved in construction of a dam, its functioning and process of generation of hydroelectricity.



Technical Talk on Practical Aspects of Construction for Site Execution

A technical talk on “Practical Aspects of Construction for Site Execution” was conducted at Jyothy Institute of Technology in association with the Indian Concrete Institute - KBC on 15th October 2018. The technical talk was conducted to Prayojana Construction Management Training Institute. The talk was conducted for the final year civil engineering students with the objective of providing an exposure to the site conditions and the practical aspects to the students.



Workshop on Computer Aided Drawing
A workshop on Computer Aided Design and Drawing was conducted at Jyothy Institute of Technology in association with the Indian Concrete Institute - KBC from 12th – 18th November 2018. The workshop was conducted by well qualified trainers of CADD Centre – Hulimavu. The workshop was conducted for third year civil engineering students with the objective of inculcating the knowledge of drawing plans, elevations and sections of basic civil engineering structural elements.



Technical Talk on Composites for Civil Engineering

A technical talk on “Composites for Civil Engineering” was conducted at Jyothy Institute of Technology in association with the Indian Concrete Institute - KBC on 20th November 2018. The talk was presented by Dr. Narendra Reddy, Professor and Ramalingaswami Fellow, Centre for Incubation, Innovation, Research and Consultancy, JIT Bengaluru. The talk was conducted with the objective of knowing the importance of the applications of composites in civil engineering.

