



TECHZINE

DEPARTMENT OF CIVIL ENGINEERING

January 2019 to July 2019

VISION OF INSTITUTION

TO BE AN INSTITUTION OF EXCELLENCE IN ENGINEERING EDUCATION, INNOVATION AND RESEARCH AND WORK TOWARDS EVOLVING GREAT LEADERS FOR THE COUNTRY'S FUTURE AND MEETING GLOBAL NEEDS.

MISSION OF INSTITUTION

The Institution aims at providing a vibrant, intellectually and emotionally rich teaching learning environment with the State of the Art Infrastructure and recognizing and nurturing the potential of each individual to evolve into ones own self and contribute to the welfare of all

VISION OF DEPARTMENT

TO BE A GLOBAL CENTRE OF EXCELLENCE IN IMARTING 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 equipment 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.

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

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

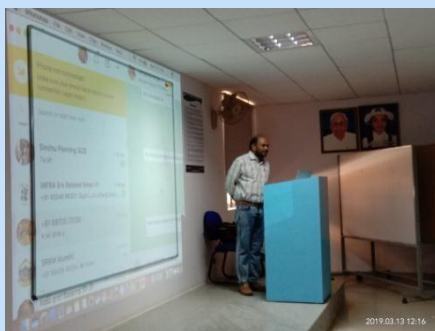
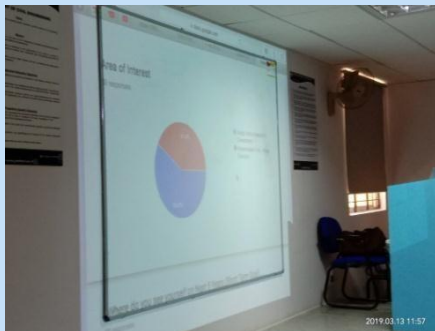
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Technical Talk on Career opportunities for civil engineers:

A technical talk on “Career opportunities for civil engineers” was conducted at Jyothy Institute of Technology on 12th March 2019. The technical talk was conducted by Prayojana Construction Management Training Institute. The talk was conducted for the Sixth sem and final year Civil engineering students with an objective of providing an exposure to the civil engineers career opportunities to the students.

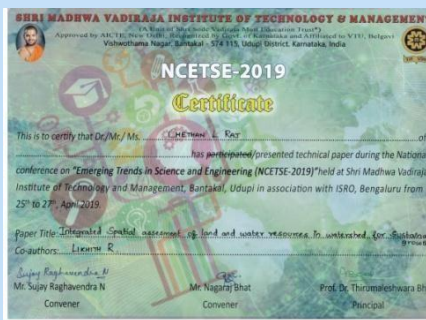


Placement drive for 8th Semester Students:

A placement drive was conducted by M/S Nagarjuna college of technical education at Jyothy Institute of Technology and two students were offered job by M/C JMC Pvt Ltd.

Conference attended by Professor's :

Dr.Kumar R Rao and Mr. S.Kumar presented paper in the International conference held at DSATM



Interactions by Professor's :

Mr. S.Kumar attended syllabus review meeting held at BIT (Bangalore Institute of Technology).

FDP attended by Professor's :

Mr.Basavaraj attended software training program conducted by Civil Engineering Industry.

Mr.Harish Kumar attended training program conducted by National Remote Sensing Center, Hyderabad, Department Space, Government of India.

Conference attended by students :

The 8th Semester students Mr.Chethan L Raj and Mr.Likith Presented technical paper in Madava Institute of Engineering & Technology, Udupi.

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. 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 Site Visit to TK Halli Water Treatment Plant

Department of Civil Engineering, Jyothy Institute of Technology had organized a technical Industrial site visit to 550 MLD Water Treatment Plant at Torekadhalli on 9th April 2019 for the 6th semester students. Total of 60 students accompanied by 4 faculty members of the department visited the plant. During the visit the students were on a guided tour guided by the assistant engineers of BWSSB. The students gained information about level of impurities, layout of plant, Dissolve Air Flotation concept and complete practical application of treatment techniques relating to the theoretical part of water supply and treatment engineering course of their curriculum.



Project Exhibition

Project exhibition was held in the Civil Engineering Department. The exhibition displayed the poster and charts of the projects implemented by the final year students. Mr. Harish Gowda from Centre for Water and Sanitation Ahmedabad was the external investigator for the event.



Technical Talk on Special concrete for Civil Engineering

A technical talk on “Special concrete for Civil Engineering” was conducted at Jyothy Institute of Technology in association with the Indian Concrete Institute. The talk was presented by Dr. JAGADISH VENGALA, Associate Professor for department of Civil engineering PVPSIT, Vijayvada. The talk was conducted with the objective of knowing the importance of the applications of special concrete in Civil Engineering.



Poster exhibition

Poster exhibition was held in the Civil Engineering Department. The exhibition displayed the poster and charts of the projects implemented by the Civil Engineering students

