



TECHZINE

NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING

JANUARY 2018 to JULY 2018

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 carry out 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's 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.

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**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

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## **ICI-Student Chapter Inauguration Brief Report**

The student chapter of Indian Concrete Institute at Jyothy institute of technology, Bengaluru was inaugurated on 27th Feb 2018 with lightening of lamp in presence of Er.Ravishankar M (Chairman, ICI-KBC), Dr.Manamohan R Kalgal (Immd. Past president ICI), Dr.Radhakrishna (secretary, ICI- KBC), Dr.B.V. Venkatasubrahmanya (Trustee, Jyothy charitable trust), Dr.Jagadeesh Vengala ( HOD - civil, BMSIT&M), Dr. K. Gopalakrishna (Principal, JIT), Dr.Kumar R Rao (HOD-civil, JIT) and Prof.Sreekeasha K.S (Faculty coordinator at JIT for ICI).



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The certificates are distributed to students and faculties. The toppers from each semester are honored with merit award.



## **Technical talk on “Some Advances in Materials and Methods in Concrete Construction”**

Dr.Manamohan R Kalgal (Immd. Past president ICI), delivered a technical talk on “Some Advances in Materials and Methods in Concrete Construction” which was very well received by the students and faculty fraternity.



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## **Technical talk by Dr.Jagadeesh Vengala on the topic “Slag sand and GGBS – A sustainable alternate for construction”**



An expert lecture on “SMART WATER SUPPLY” by Sri C Jagadeesha, ISRO was organized by Department of Civil Engineering, Jyothy Institute of Technology in association with Indian Concrete Institute on 16th March 2018.

The talk stated the need for smart water supply systems, components, benefits and citizen role in the system. The incorporation of IOT to water supply systems its standardization and technicality were also the points discussed in the talk.

Students of Civil engineering department, HoD, Staff of various departments of JIT attend the talk. After the Q&A session the event was concluded with vote of thanks.



