



NEW HORIZON

COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF CIVIL ENGINEERING

INSPIRE

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GUEST LECTURES

❖ INTRODUCTION TO APPLIED HYDRAULICS AND HYDRAULIC MACHINERIES



Civil Engineering Department organized a Guest lecture on "Introduction To Applied Hydraulics And Hydraulic Machineries" by Mr .G . Navatha from Vani Institue, Bangalore on 02nd April 2018 at the department. He explained applications of Applied Hydraulics in various fields of Civil Engineering

❖ VARIOUS METHODS TO ANALYSE DETERMINATE STRUCTURAL ELEMENTS



Civil Engineering Department organized a Guest lecture on "Various Methods To Analyse Determinate Structural Elements" by Mr. B.N.Nagesh Dy.Chief Engineer, KUWS & DB, Bengaluru on 10th April 2018 at the Chanakya seminar hall of the Institute.



❖ ANALYSIS AND DESIGN OF WATER TANKS



Civil Engineering Department organized a Guest lecture on “Analysis and Design of Water Tanks” by Dr. Ravindra, Professor, RVCE, Bangalore on 16th April 2018 at the Department. He performed his presentations by taking a case study on analysis and design of water tank resting on ground.

CLUB ACTIVITIES

❖ ARCHIBUS SIMPLE TM TRAINING



AVISHKAR Club of Civil Engineering Department organized a Guest lecture on “Archibus Simple TM Training” by Mr.SreedharSaraswathi – Business Head – Southern Asia, ARCHIBUS, on 05th February 2018 at Falconry hall of the Institute.

Event Highlights:

The speaker addressed all the aspects of infrastructure, real estate, facilities management & sustainability for the students of Civil Engineering. The framework of this program enables all the stakeholders to contribute their content based on their local & current requirements so that they get the skilled resources in the domains that they are working.



❖ ROLE OF GEOLOGY IN CIVIL ENGINEERING PROJECTS



PRAKRUTHI Club of Civil Engineering Department organized a Guest lecture on “Role Of Geology In Civil Engineering Projects” by Mr. Rajendran, Director (Retd) & Mr. Maruthi, Director Geological Survey of India, on 16th April 2018 at the Chanakya seminar hall of the Institute. He presented case studies related to failures of structures like Kaila Dam, Gujarat and St. Francis Dam in Los Angeles which provided an useful insight to the budding civil engineering students

Event Highlights:

The speaker addressed all the aspects pertaining to working principles of two types of Machines in closed shield method, one is Earth pressure balancing machine and the other is slurry machine. Several reasons for slow progress of tunnelling work due to mixed geology (comprising of hard granite and large boulders), weak foundation of historic buildings and dense population were highlighted to reinforce the practical skill of the students.

FACULTY DEVELOPMENT PROGRAM

❖ ANALYSIS AND DESIGN OF STRUCTURES USING CYPE SOFTWARE



Department of Civil Engineering conducted 3days Faculty Development Program on “Analysis and Design of Structures using CYPECAD software” on 24th to 26th April 2018 by Er. Amarnath. He carried out the analysis and design of reinforced concrete and steel structures, subject to horizontal and vertical forces, for houses, buildings and civil work projects. The geometrical introduction of a job in CYPECAD is carried out on plan views on each of the different levels of the structure.



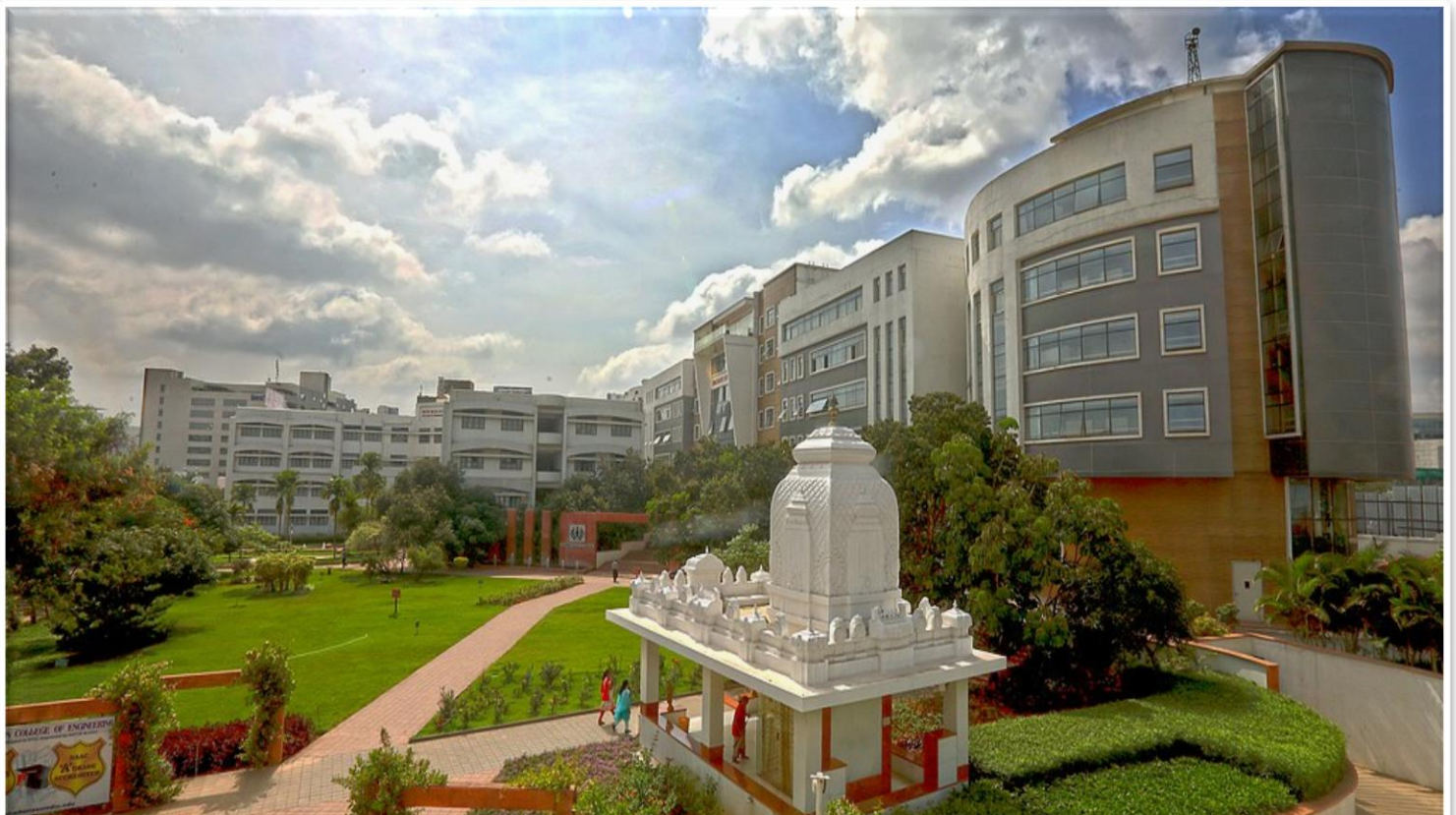
CONFERENCES & TECHNICAL COMPETITIONS

❖ TECHORIZON - NATIONAL LEVEL PROJECT EXHIBITION & CONFERENCE



Event Highlights:

TECHORIZON a national level project exhibition & conference was organised on 19th April 2018. Students from different engineering colleges participated in the event & presented their project work. The best project was selected by a technical team. The meritorious projects were identified and given cash prizes.



New Horizon Knowledge Park, Outer Ring Road, Bellandur Main Rd, Kaverappa Layout, Near, Marathahalli, Bengaluru, Karnataka 560103