



Hindusthan College of Engineering and Technology

An Autonomous Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited with 'A' Grade by NAAC

Coimbatore 641032



Department of Civil Engineering **HORIZON**

Contents:

- Department Vision and Mission, PEOs and PSOs
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- Students Participation
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- Awards & Recognition of Faculty and Students



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MAY - 2018



Hindusthan

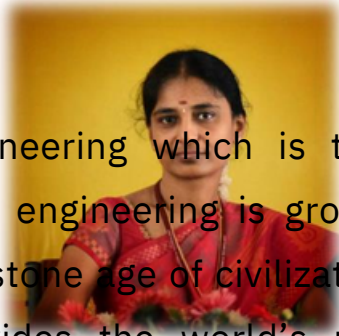
College of Engineering and Technology

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DEPARTMENT OF CIVIL ENGINEERING

Message from Chief Editor's Desk



Civil Engineering which is the oldest branch of engineering is growing right from the stone age of civilization. It not only provides the world's population with the means to have access to the basic needs of mankind – food, clothing and shelter; it is also a key component in the functioning of our global economy. The fast growing urbanization and industrialization has put heavy responsibilities on civil engineers to preserve and protect our environment.

I am happy that Horizon is blossoming the new form for the academic year 2017 – 2018. It provides a great platform to showcase all the achievements of both faculty and students.

VISION OF THE DEPARTMENT

To be recognized globally for pre-eminence in Civil Engineering education, research and service.

MISSION OF THE DEPARTMENT

- To impart scientific and technical knowledge for professional practice, advanced study and research in Civil Engineering.
- To equip the students with ingenious leadership and organizational skills for a successful professional career.
- To inculcate professional and ethical responsibilities related to industry, society and environment.



PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- Excel as practicing engineers, academicians and researchers with a comprehensive knowledge in Civil Engineering.
- Play a significant role as team players and leaders in challenging environments for nation's infrastructure development, environmental protection and sustainability.
- Uphold professional and ethical responsibilities as engineers, consultants and entrepreneurs while addressing the demands of the society.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

- Apply their engineering knowledge, communication skills, professional and ethical principles to solve problems in civil engineering and contribute to the infrastructure development in a sustainable way.
- Use their engineering background to excel in competitive exams for advanced study, research and professional career.



LAB FACILITIES

Survey Laboratory



The Survey Laboratory is equipped with instruments necessary to carry out both the basic and advanced methods of land surveying, levelling and contouring.

Strength of Materials Laboratory



The Strength of Materials laboratory offers facility to test and measure the strength of different materials under the action of various forces and to determine their characteristics experimentally.

Fluid Mechanics and Machinery Laboratory



The Fluid Mechanics and Machinery laboratory is designed to examine the flow measurements of fluids and the performance characteristics of pumps and turbines.

Concrete and Highway Laboratory



The Concrete and Highway Engineering Laboratory enables the students to gain knowledge on the principles and procedures of testing concrete and highway materials and to get hands on experience by conducting tests and evolving inferences.

Computer Aided Design & Drafting Laboratory



The Computer Aided Design and Drafting Laboratory consists of hardware and software that aid the students in creation of 2D and 3D structural models, their analysis, design and optimization techniques.

Soil Mechanics Laboratory



The Soil Mechanics Laboratory provides exposure to the students on theories and procedures in performing standard laboratory and field tests on soil for a wide range of Civil Engineering purposes.


Environmental Engineering Laboratory



The Environmental Engineering Laboratory is a state-of-the-art laboratory that provides facilities for testing the characteristics of water and wastewater.

EVENTS ORGANIZED


On 20.01.2018 Mr. S. Antony Jeyandran, Managing Director, Concepteurs, Coimbatore & Mr. V. Kamalanathan, Centre Manager, CAD Point, Coimbatore gave a session on “Software used in Civil Industry” organized by Mr. A. Alex Livingston Raja. The session gave an idea about the software's predominately used in Civil Industry. Number of participants - 411.



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 OTHAKKALMANDAPAM, COIMBATORE - 641 032



DEPARTMENT OF CIVIL ENGINEERING

Cordially Invites You for the Special Lecture on
Software used in Civil Industry



Resource Persons

Mr. S. Antony Jeyandran
 Managing Director, Concepteurs, Coimbatore
 &
Mr. V. Kamalanathan
 Centre Manager, CAD Point, Coimbatore

Co-ordinator
Mr. A. Alex Livingston
 Assistant Professor,
 Civil Engineering, HICET

Principal
Dr. T. Kannadasan
 HICET

Convenor
Dr. K. Akil
 Professor & Head,
 Civil Engineering, HICET

Advisor
Dr. S. Annadurai
 Hindusthan Institutions

20.01.2018, Saturday at 02:00 PM
Venue: CSE Seminar Hall

Lecture on “Software used in Civil Industry”



Outcomes of the Event:

The participants were able to:

- Understand the importance and necessities of computer applications in construction industry.

Comprehend the different types of drafting

EVENTS ORGANIZED

On 21.03.2018 Dr. T. Kannadasan, Principal, Hindusthan College of Engineering and Technology, Coimbatore inaugurated "Eco-Symposium Vidhai 2018" organised by Mr. M. Dinesh Kumar. Various events were organized which was well received by the participants. Saplings were planted as a part of the event. Number of participants - 20.



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ASSOCIATION OF CIVIL ENGINEERING STUDENTS
&
HICET CIVIL ECO-CLUB
proudly presents

VIDHAI '18

EVENTS

- Paper Presentation
- Tamil Speech
- Photography
- Eco Connection
- Mime
- Meme Creation

ON MARCH 21

ENTRY FEE 200/-

CONTACT
VIGNESH K - 9750845237
AJIN PRAKASH A - 7010717435

INSTRUCTIONS

- Open to all students (Engineering and Arts & Science colleges)
- Events theme is Save our Environment

<https://goo.gl/forms/jxz7ff2jGCBWdLC52>
www.facebook.com/hicetcivil/ecos/
vidhaihicet@gmail.com

"Eco-Symposium Vidhai 2018"



Outcomes of the Event:

Students were exposed to importance of Ecosystem through the program.

WORKSHOP - ATTENDED BY FACULTY

S.No.	Name of the Faculty	Name of the Workshop	Organised by	Date
1.	Mr. R. Senthil Kumar	National Workshop on Disaster Management and First Aid	Akshaya College of Engineering and Technology	09.03.2018 to 10.03.2018
2.	Ms. K. Saraswathi	National Workshop on Disaster Management and First Aid	Akshaya College of Engineering and Technology	09.03.2018 to 10.03.2018
3.	Mr. A. Alex Livingston Raja	National Workshop on Disaster Management and First Aid	Akshaya College of Engineering and Technology	09.03.2018 to 10.03.2018
4.	Ms. R. Abhinaya Vishnu	National Workshop on Disaster Management and First Aid	Akshaya College of Engineering and Technology	09.03.2018 to 10.03.2018
5.	Mr. M. B. Shanmuharajan	National Workshop on Disaster Management and First Aid	Akshaya College of Engineering and Technology	09.03.2018 to 10.03.2018

WORKSHOP - ATTENDED BY FACULTY

S.No.	Name of the Faculty	Name of the Workshop	Organised by	Sponsored by	Date
6.	Mr. M. B. Shanmuharajan	Repair and Rehabilitation of Building and Green Building Concept	JCT College of Engineering and Technology,	-	20.02.2018

- Students of final year Civil Engineering have undergone placement training conducted by Edifice Placement Solution.
- The Students of the department are actively involved in the Club activities which act as a launch pad for displaying their skills.

Students Achievements

- No. of students participated in various Co-Curricular and Extra-Curricular activities: 66
- No of prizes won in various Co-Curricular and Extra-Curricular activities: 14
- 62 students from final year were placed in various reputed companies.



“To succeed in life and achieve results, you must understand and master three mighty forces— desire, belief, and expectation.”

— A.P.J. Abdul Kalam

THANK YOU