



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

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December 2019

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HORIZON

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.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

The graduates will be able to:

- 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 (PSO)

The graduates will be able to:

- 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.

HORIZON

EVENTS ORGANIZED

Training program was conducted on “Introduction to CAD” on 13.07.2019 by CADD CENTRE, COIMBATORE. Mr.Santhosh Kumar, Center Manager and Ms.Nisha, Design Engineer of CADD, Coimbatore addressed the participants and gave a brief talk on how to use CAD software for effective planning of the buildings. They gave a detailed introduction about the CAD software for drafting of building plans to second year students. Students were also exposed to basic planning of structures using CAD software with hands on training in the software.



A Special Lecture was organized on “Non-Destructive Testing of Concrete” on 17.08.2019. Mr.D.Lawrence, CEO, A+ NDT Ltd , Coimbatore addressed the participants and gave excellent lectures on various methods of Non-Destructive Testing of Concrete. He gave an excellent session on Non-destructive testing of concrete. He discussed about the techniques of Rebound Hammer test, Ultra-sonic pulse wave test, Pull Out test, Penetration test, Radio-active method for Non-destructive testing of concrete.



HORIZON

EVENTS ORGANIZED

The Student chapter of Indian Concrete Institute (ICI) was inaugurated on 04.10.2019. Dr.A.Sudhahar, Secretary, ICI Coimbatore Centre &CEO, Dimensions Structural Design, Coimbatore Inaugurated the local chapter and addressed the students. He gave an innovative session about Concrete mix design, sustainability in concrete production, alternative concrete methods, Economics in Concrete. And gave an idea about earning effectively by proper Mix Design of Concrete.



FACULTY PARTICIPATION

S.NO.	NAME OF THE FACULTY	FDP/ STTP	SEMINAR	CONFERENCE	WORKSHOP
1.	Mr. Senthil Kumar R	1			
2.	Mr. Vivek S	1			

WORKSHOPS ATTENDED BY STUDENTS

S.NO.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE PROGRAM	VENUE	DATE
1.	II YEAR A / III Sem	Aadhiya E	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
2.	II YEAR A / III Sem	Balasubramanian N	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
3.	II YEAR A / III Sem	Dhugin R	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
4.	II YEAR A / III Sem	Bhargavanaidu CH	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
5.	II YEAR B / III Sem	Varunkarthik D	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
6.	II YEAR B / III Sem	Selvakumar K	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
7.	II YEAR B / III Sem	Udhayanithi R	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
8.	II YEAR B / III Sem	Ragu K	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
9.	II YEAR B / III Sem	Vetrivel G	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
10.	II YEAR B / III Sem	Shree Aakash R	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
11.	II YEAR B / III Sem	Sivaramvel A	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
12.	II YEAR B / III Sem	Rajesh R	One Day Workshop on Building Design by using "SKETCH UP"	CADD Centre Sundarapuram, Coimbatore	12.09.2019
13.	II YEAR A / III Sem	Mohammed Jaseem K K	One day workshop on "Design Aspect of IoT Home Automation using Raspberry"	IIT Madras Research Park, Tharamani, Chennai 600113.	20.07.2019
14.	II YEAR A / III Sem	Abdhul Jean Claude M	One day workshop on "Design Aspect of IoT Home Automation using Raspberry"	IIT Madras Research Park, Tharamani, Chennai 600113.	20.07.2019
15.	II YEAR A / III Sem	Aadhithya E	National Level Technical Workshop on "PARADIGM SHIFT IN ADVANCED CONSTRUCTION TECHNIQUES"	Coimbatore Institute of Technology, Coimbatore	09.08.2019
16.	II YEAR A / III Sem	Balasubramanian N	National Level Technical Workshop on "PARADIGM SHIFT IN ADVANCED CONSTRUCTION TECHNIQUES"	Coimbatore Institute of Technology, Coimbatore	09.08.2019
17.	II YEAR A / III Sem	Akash V	National Level Technical Workshop on "PARADIGM SHIFT IN ADVANCED CONSTRUCTION TECHNIQUES"	Coimbatore Institute of Technology, Coimbatore	09.08.2019

S.NO.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE PROGRAM	VENUE	DATE
18.	II YEAR A / III Sem	Mohammed Jaseem K K	National Level Technical Workshop on "PARADIGM SHIFT IN ADVANCED CONSTRUCTION TECHNIQUES"	Coimbatore Institute of Technology, Coimbatore	09.08.2019
19.	II YEAR A / III Sem	Georgia Ida S	National Level Technical Workshop on "PARADIGM SHIFT IN ADVANCED CONSTRUCTION TECHNIQUES"	Coimbatore Institute of Technology, Coimbatore	09.08.2019
20.	III YEAR A / V Sem	Harikaran	Workshop on Entrepreneurship Development & Innovation Institute	Anna University Regional Campus, Coimbatore	29.08.2019
21.	IV YEAR A / VII Sem	Akash M	One day National level workshop on "INNOVATIVE IDEAS FOR STUDENTS RESEARCH"	Karpagam College of Engineering, Coimbatore	06.09.2019
22.	IV YEAR A / VII Sem	Elavarasan S	One day National level workshop on "INNOVATIVE IDEAS FOR STUDENTS RESEARCH"	Karpagam College of Engineering, Coimbatore	06.09.2019
23.	IV YEAR A / VII Sem	Kirubakaran R	One day National level workshop on "INNOVATIVE IDEAS FOR STUDENTS RESEARCH"	Karpagam College of Engineering, Coimbatore	06.09.2019
24.	IV YEAR A / VII Sem	Madhavasuthan S	One day National level workshop on "INNOVATIVE IDEAS FOR STUDENTS RESEARCH"	Karpagam College of Engineering, Coimbatore	06.09.2019
25.	IV YEAR A / VII Sem	Mohamed Hanifa Fazil L	One day National level workshop on "INNOVATIVE IDEAS FOR STUDENTS RESEARCH"	Karpagam College of Engineering, Coimbatore	06.09.2019
26.	III YEAR A / V Sem	Hariharan M	E-Cell Leader Workshop Organized by PMO-IEDP	Anna University Regional Campus, Coimbatore	30.08.2019

SEMINARS ATTENDED BY STUDENTS

S.NO.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE PROGRAM	VENUE	DATE
1.	II YEAR A / III Sem	Mukeshkumar E	National level Seminar on "Strategic Guidelines to Improve Waste Management in Construction Industry"	Dr. N.G.P Institute of Technology, Coimbatore	19.07.2019
2.	II YEAR A / III Sem	Jameela A	National level Seminar on "Strategic Guidelines to Improve Waste Management in Construction Industry"	Dr. N.G.P Institute of Technology, Coimbatore	19.07.2019
3.	II YEAR A / III Sem	Akash V	National level Seminar on "Strategic Guidelines to Improve Waste Management in Construction Industry"	Dr. N.G.P Institute of Technology, Coimbatore	19.07.2019
4.	II YEAR A / III Sem	Guhan B	National level Seminar on "Strategic Guidelines to Improve Waste Management in Construction Industry"	Dr. N.G.P Institute of Technology, Coimbatore	19.07.2019

SPORTS ACHIEVEMENTS BY STUDENTS

S.N O.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANIZED BY	DATE	PRIZE
1.	II YEAR "A"	Karan D	Anna University Sports Board, Zonal Tournament 2019. "Handball"	SVS College of Engineering, Coimbatore	25.10.2019 To 16.10.2019	Runner

ACHIEVEMENTS BY STUDENTS

S.NO.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE PROGRAM	VENUE	DATE
1.	III YEAR A / V Sem	Kartheban S R, Kowsika R	A National level Symposium CONSTRA 2k19	MAM College of Engineering, Trichy	Title Winner (30.8.19)
2.	III YEAR A / V Sem	Kowsika R	A National level Symposium CONSTRA 2k19 "Paper Presentation"	MAM College of Engineering, Trichy	I Prize (30.8.19)
3.	III YEAR A / V Sem	Kartheban S R, Kowsika R	A National level Symposium CONSTRA 2k19 " Surveython"	MAM College of Engineering, Trichy	I Prize Title (30.8.19)

NPTEL COURSE COMPLETED BY FACULTY

S.No.	NAME OF THE FACULTY	NAME OF THE COURSE	COURSE OFFERED BY	DURATION
1.	Mr. Senthil Kumar R	Geotechnical Engineering Laboratory	IIT, Bombay	July - August 2019 (4 weeks)

FACULTY ACHIEVEMENTS

- Mr. Vivek S, published a paper "Rainfall Variation And Frequency Analysis of Thirippur District For Crop Planning" journal in Indian Journal of ecology- ISSN: 0304-5250.
- Mr. Vivek S, presented paper on "Biogas production from sugarcane by-product in co- Digestion with vegetable wastes" on "International Conference on Sustainable Technologies for Industrial Hazardous Waste Management and Bioenergy" organized by SRM Institute of Science and Technology, Chennai from 07.08.2019 to 09.08.2019.
- Mr. Vivek S, presented paper on "Identification of suitable artificial recharge Structures for groundwater development using remote sensing and GIS technique" on "National Level Conference on River Basin and Flood Risk Management" organized by Dr. NGP Institute of Technology, Coimbatore from 05.09.2019 to 06.09.2019.

HORIZON

ACADEMIC TOPPER FOR 2015 - 2019 BATCH

S.NO.	BATCH	REGISTER NO.	NAME OF THE STUDENT	CGPA
1.	2015-2019	720715103049	Livya Melba Walter W	8.68

Toppers for 2018-2019 Even Semester

S.NO.	BATCH	SEMESTER	REGISTER NO.	NAME OF THE STUDENT	GPA
1.	2015-2019 (A)	VIII	720715103049	Livya Melba Walter W	9.00
	2015-2019 (B)	VIII	720715103078	Premkumar C	8.20
2.	2016-2020 (A)	VI	16103006	Arun Kumar M	8.58
	2016-2020 (B)	VI	16103087	Sindhu G	9.30
3.	2017-2021 (A)	IV	17103051	Kowsika R	8.83
	2017-2021 (B)	IV	17103103	Suthan Ponraju S	8.48



“Dream is not the thing you see in sleep but is that thing that doesn't let you sleep.”

— A.P.J. Abdul Kalam

THANK YOU !!!

