



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
- Events Organised
- Students Participation
- Faculty Participation
- Sports Activities
- Awards & Recognition of Faculty and Students

May 2020

Editorial Board

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2019 - 2020

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)

To produce graduates with the ability 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.

MOU SIGNED

An MOU was signed between GEOMAPL Infra Surveyors and Engineers, Coimbatore and Hindusthan College of Engineering and Technology for the betterment of students on 07.03.2020.



EVENTS ORGANIZED

On 10.01.2020 & 11.01.2020 a workshop on Professional Practice Guidelines and Approval Drawings was organized by the Mr. A. Alex Livingston Raja, Department of Civil Engineering.

Workshop on
10th & 11th January 2020
09:00am to 5:00pm

Registration fee: 200/-
Note : Certificates
will be provided

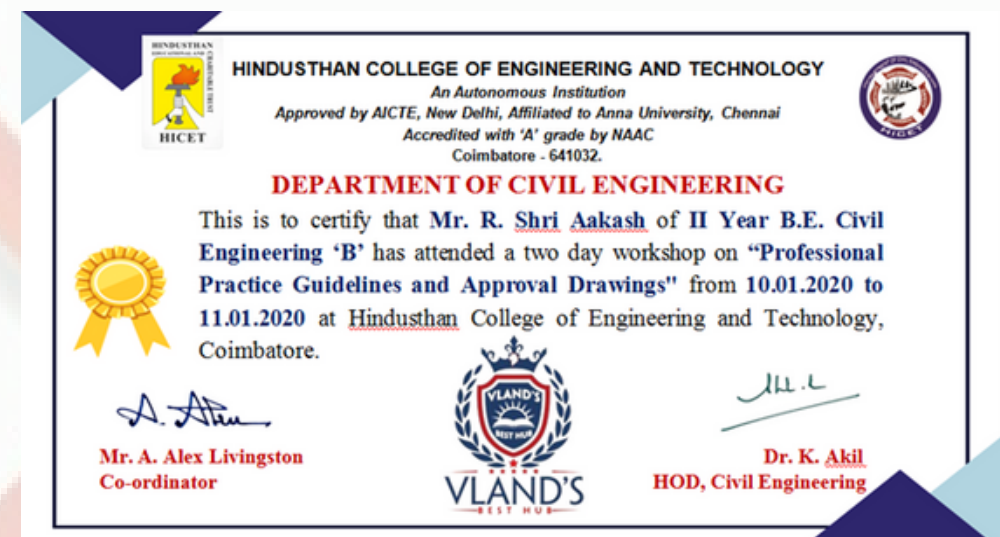
Topics

Basic's of unit	Introduction to panchayat drawings
Introduction of field engineer	Introduction to corporation drawings
Document data collection	Instruction-coimbatore corporation
Vaasthu & manai adi sastra	Rules of LPA/DTCP
Grid line determination	Rcc elements & behaviour
Project discussion	Rcc detailing-concept
Concept plan	Slab,beam,coloumn,footing detailing
Autocad-shortcuts	Hands on projects.

For Registration Contact:
Mr.A.Alex Livingston Raja - AP/ 8940892424
Registration Last Date: 09th January 2020
Venue : HICET CIVIL DEPARTMENT
Pollachi Main Road, Othakkalmandapam Post,
Coimbatore, Tamil Nadu 641032

VLAND'S BEST Hub Pvt. Ltd.
website:www.vlandsbesthub.com / 9159686464,9092979777,04224385464
No.105, Sri Vel Towers, 3rd Floor,Tatabad 11th St, Coimbatore-641012.
H.O. : Singapore, R.O: Pondicherry, B.O: Chennai

WORKSHOP ON PROFESSIONAL PRACTICE GUIDELINES AND APPROVAL DRAWINGS



Outcome of the Event:

The participants gained knowledge on

- Basic AutoCAD commands and their shortcuts
- Building byelaws, rules of LPA and DTCP etc.
- Reinforcement detailing of slabs, beams, columns and footings etc.
- Application and advantages of vaasthu sastra and manai adi sastra in the planning of a building

On 07.02.2020 a workshop on Sustainable Energy Management for Buildings was organized by the Mr. S. Vivek, Department of Civil Engineering.



The poster is for a one-day workshop on Sustainable Energy Management for Buildings. It features a central graphic of a glowing lightbulb with a globe inside. The text is arranged around this graphic. At the top left is the Hindusthan Educational and Charitable Trust (HECT) logo. At the top right is the Department of Civil Engineering, HICET logo. The main text includes the college name, accreditation details, and the names of the speakers: Dr. S. Venkatanarayanan (Inaugural Address), Dr. T. Kannadasan (Presidential Address), Dr. S. Annadurai (Special Address), and Dr. K. Akil (Welcome Address). The date and venue are also mentioned.

HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST
HECT

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution, Accredited by NAAC with A grade,
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Othakkalmandapam, Coimbatore-641032

DEPARTMENT OF CIVIL ENGINEERING
Cordially invites you to the
ONE DAY WORKSHOP ON
SUSTAINABLE ENERGY MANAGEMENT FOR BUILDINGS

Inaugural Address
Dr. S. VENKATANARAYANAN
Energy Consultant, Senior Member IEEE, Chartered Engineer,
PCRA, Govt. of India, Empanelled Faculty, EnMs Lead Energy Auditor
&
Professor, Department of Electrical and Electronics Engineering,
K.L.N College of Engineering,
Pottapalayam, Sivagangai(Dt)

Presidential Address **Special Address**
Dr. T. KANNADASAN **Dr. S. ANNADURAI**
Principal, HICET Advisor, HCET

Welcome Address
Dr. K. AKIL
HOD, Civil Engg., HICET

On 7th February 2020 at 10:00 am
Venue: PG SEMINAR HALL

WORKSHOP ON SUSTAINABLE ENERGY MANAGEMENT FOR BUILDINGS



Outcome of the Event:

The participants gained knowledge on

- Scope of energy consumption in an optimistic manner.
- Types of electrical appliances, its efficiencies, consumption and wastages
- Safe and effective operation of electrical appliances.

EVENTS ORGANIZED

On 29.02.2020 National Level Technical Symposium 'Renaissance '20' was organized by the Mr. A. Alex Livingston Raja, Department of Civil Engineering.



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OTHAKKALMANDAPAM, COIMBATORE - 641 032

DEPARTMENT OF CIVIL ENGINEERING
Association of Civil Engineering Students (ACES)
Proudly Presents
RENAISSANCE '20
A National Level Technical Symposium

Chief Guest
Er. K. Vigneshwar
Assistant Manager - Technical Services
The Ramco Cements Limited
Coimbatore

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

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

Patrons
Dr. T. Kannadasan
Principal, HICET
&
Dr. S. Annadurai
Advisor
Hindusthan Institutions

29.02.2020, Saturday at 09:30 AM
Venue: Seminar Hall, D-Block, HICET

NATIONAL LEVEL TECHNICAL SYMPOSIUM 'RENAISSANCE '20'



Outcomes of the Event: The participants gained knowledge on the recent trends and advances in the various domains of civil engineering.

EVENTS ORGANIZED

On 07.03.2020 National Level Workshop on “Computerized Land Surveying Using Total Station” was organized by the Dr. S. Deepa Shri and Mr. R. Sakthivel, Department of Civil Engineering.



NATIONAL LEVEL WORKSHOP ON “COMPUTERIZED LAND SURVEYING USING TOTAL STATION”



Outcome of the Event:

The participants gained knowledge on:

- The fundamental principles, applications, components and working of total station.
- Procedure involved in taking linear and angular measurements using total station.

Transferring of data from the total station to PC and plotting of points / areas using AutoCAD.

SEMINARS ATTENDED BY STUDENTS (WITHIN THE STATE)

S.NO.	BATCH	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE PROGRAM	VENUE	DATE
1.	2016-2020	IV Civil / VIII Sem	Sumana S	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
2.	2016-2020	IV Civil / VIII Sem	Sarika P	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
3.	2016-2020	IV Civil / VIII Sem	Rathipriya S	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
4.	2016-2020	IV Civil / VIII Sem	Vignesh B	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
5.	2016-2020	IV Civil / VIII Sem	Vinoth Kumar C	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
6.	2016-2020	IV Civil / VIII Sem	Sindhu G	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
7.	2016-2020	IV Civil / VIII Sem	Suthan Ponraju S	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020
8.	2016-2020	IV Civil / VIII Sem	Prasanth Kumar R	Latest Trends in CADCAE3D Printing Techniques used in Civil Engineering	Panimalar Engineering College, Chennai	19.02.2020

CONFERENCES ATTENDED BY STUDENTS

S.NO.	BATCH	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE PROGRAM	VENUE	DESCRIPTION	DATE
1.	2016-2020	IV / VIII	Aravinthan S	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental and Investigation of Concrete with Macro Plastic Fibers”	04.03.2020 & 05.03.2020
2.	2016-2020	IV / VIII	Azjumathulla N	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental and Investigation of Concrete with Macro Plastic Fibers”	04.03.2020 & 05.03.2020
3.	2016-2020	IV / VIII	Gunaseelan D	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental and Investigation of Concrete with Macro Plastic Fibers”	04.03.2020 & 05.03.2020
4.	2016-2020	IV / VIII	Vigneshwaran V	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental and Investigation of Concrete with Macro Plastic Fibers”	04.03.2020 & 05.03.2020
5.	2016-2020	IV / VIII	Nehru A	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Study on Plastic Bricks”	04.03.2020 & 05.03.2020
6.	2016-2020	IV / VIII	Ranjit.G	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Study on Plastic Bricks”	04.03.2020 & 05.03.2020
7.	2016-2020	IV / VIII	Santhosh M	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Study on Plastic Bricks”	04.03.2020 & 05.03.2020
8.	2016-2020	IV / VIII	Surya E	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Study on Plastic Bricks”	04.03.2020 & 05.03.2020
9.	2016-2020	IV / VIII	Praveen G	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Investigation on Steel Fibre Reinforced Beam Column Joint with Confined Reinforcement”	04.03.2020 & 05.03.2020
10.	2016-2020	IV / VIII	Preethiviraja G	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Investigation on Steel Fibre Reinforced Beam Column Joint with Confined Reinforcement”	04.03.2020 & 05.03.2020
11.	2016-2020	IV / VIII	Santhosh K	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled “ Experimental Investigation on Steel Fibre Reinforced Beam Column Joint with Confined Reinforcement”	04.03.2020 & 05.03.2020

HORIZON

12.	2016-2020	IV / VIII	Sivanantham S	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled "Experimental Investigation on Steel Fibre Reinforced Beam Column Joint with Confined Reinforcement"	04.03.2020 & 05.03.2020
13.	2016-2020	IV / VIII	Sree Vishnu S	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled "Experimental Study on Smart Slab by Replacing of Reinforcement as steel section"	04.03.2020 & 05.03.2020
14.	2016-2020	IV / VIII	Vijay Graceson J S	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled "Experimental Study on Smart Slab by Replacing of Reinforcement as steel section"	04.03.2020 & 05.03.2020
15.	2016-2020	IV / VIII	Jimson Carson David J	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled "Experimental Study on Smart Slab by Replacing of Reinforcement as steel section"	04.03.2020 & 05.03.2020
16.	2016-2020	IV / VIII	Velmurugan P	6th International conference on Engineering and Technology, ICET 2020	Selvam College of Technology Namakkal	Presented a paper entitled "Experimental Study on Smart Slab by Replacing of Reinforcement as steel section"	04.03.2020 & 05.03.2020

SPORTS ACHIEVEMENTS



11th Centies Championship 2020 "Football"



RVS Covai Ties 2020 Basketball

S.NO.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANIZED BY	DATE	PRIZE
1.	II Civil / IV Semester	Saravanakumar V	Angel Trophy 2020 "Kabaddi"	Angel College of Engineering and Technology, Tirupur.	27.02.2020 to 28.02.2020	First Prize

HORIZON

S.NO.	CLASS/SEM	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANIZED BY	DATE	PRIZE
2.	II Civil / IV Semester	Karan D	12th TCE Trophy. "Handball"	Tamilnadu College of Engineering, Coimbatore	28.02.2020	Second Prize
3.	III Civil/ VI Semester	Rabin Abdul Gafoor	11th Centies Championship 2020 "Football"	Bannari Amman Institute of Technology, Sathyamangalam	14.02.2020 To 17.02.2020	Second Prize
4.	III Civil/ VI Semester	Kavin S	11th Centies Championship 2020 "Football"	Bannari Amman Institute of Technology, Sathyamangalam	14.02.2020 To 17.02.2020	Second Prize
5.	II Civil/ IV Semester	Pradeep D	11th Centies Championship 2020 "Kabaddi"	Bannari Amman Institute of Technology, Sathyamangalam	14.02.2020 To 17.02.2020	Third Prize
6.	III Civil/ VI Semester	Hariharan P	11th Centies Championship 2020 "Kabaddi"	Bannari Amman Institute of Technology, Sathyamangalam	14.02.2020 To 17.02.2020	Third Prize
7.	III Civil/ VI Semester	Hariharan P	RVS Covai Ties 2020 :Kabaddi"	RVS College of Engineering and Technology, Coimbatore	15.02.2020 to 17.02.2020	Fourth Prize
8.	III Civil/ VI Semester	Akshaya M	RVS Covai Ties 2020 Basketball	RVS College of Engineering and Technology, Coimbatore	15.02.2020 to 17.02.2020	Second Prize

STUDENTS ACHIEVEMENTS

- Students have won prizes and participated in various Co-Curricular and Extra-Curricular activities
- Students have actively participated in webinars and quiz competitions conducted by various institutions.
- 69 final year students were placed in various reputed companies.

CONFERENCE PUBLICATION BY FACULTY

S.NO.	NAME OF THE FACULTY	TITLE OF THE PAPER	NAME OF THE CONFERENCE	ORGANISED BY	DATE
1.	Mr. Parthasaarathi R Assistant Professor	Experimental study on smart slab by replacing of reinforcement as steel section	6th International Conference on Engineering and Technology	Department of Civil Engineering, Selvam College of Technology, Namakkal.	04th March 2020
2.	Mr. Dinesh Kumar M Assistant Professor	Experimental and investigation of concrete with macro plastic fibres	6th International Conference on Engineering and Technology	Department of Civil Engineering, Selvam College of Technology, Namakkal.	04th March 2020
		Experimental Study on Plastic Bricks	6th International Conference on Engineering and Technology	Department of Civil Engineering, Selvam College of Technology, Namakkal.	04th March 2020
		Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Department of Civil Engineering Dr.N.G.P. Institute of Technology	4th & 5th April 2020
3.	Mr. Dinakar D Assistant Professor	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Department of Civil Engineering Dr.N.G.P. Institute of Technology	4th & 5th April 2020

HORIZON

S.NO.	NAME OF THE FACULTY	TITLE OF THE PAPER	NAME OF THE CONFERENCE	ORGANISED BY	DATE
4.	Mr. Sakthivel R Assistant Professor	Experimental investigation on steel fibre reinforced beam column joint with confined reinforcement	6th International Conference on Engineering and Technology	Department of Civil Engineering, Selvam College of Technology, Namakkal.	04th March 2020
		Experimental investigation on utilization of construction and demolition waste in building blocks	9th National Conference	Faculty of Engineering, Department of Civil Engineering, Karpagam Academy of Higher Education, Coimbatore.	05th March 2020
5.	Mr. Siddharth K Assistant Professor	Study on the performance of shear reinforcement in geopolymer concrete beams	National conference on research advances in Engineering and Technology – NCRAET 2019	Department of Civil Engineering, CSI College of Engineering, Ooty.	15th March 2020
		Performance of geopolymer concrete beams with GFRP rebar.	International Conference on Smart Materials and Techniques for Sustainable Development	Department of Civil Engineering Dr.N.G.P. Institute of Technology	4th & 5th April 2020
		Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Department of Civil Engineering Dr.N.G.P. Institute of Technology	4th & 5th April 2019
6.	Mr. Suresh V Assistant Professor	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Department of Civil Engineering Dr.N.G.P. Institute of Technology	4th & 5th April 2020
7.	Ms. Abinaya Vishnu R Assistant Professor	Experimental study on lightweight geopolymer concrete	International Conference on Smart Materials and Techniques for Sustainable Development	Department of Civil Engineering Dr.N.G.P. Institute of Technology	4th & 5th April 2020

JOURNAL PUBLICATION BY FACULTY

S.NO.	NAME OF THE FACULTY	TITLE OF THE PAPER	NAME OF THE JOURNAL	VOLUME/ ISSUE/ PP/YEAR	SJR/SNIP	IMPACT FACTOR	H INDEX
1.	Mr. Sakthivel R Assistant Professor	Red Mud Brick using Lime and Coir Fibre	Test Engineering and Management ISSN: 0193-4120	Vol 83/ March - April 2020/ 5132 – 5136/ 2020	0.1 / -	0.00	5

HORIZON

Toppers for 2019-2020 Odd Semester

S.NO.	BATCH	SEMESTER	REGISTER NO.	NAME OF THE STUDENT	GPA
1.	2016-2020 (A)	VII	16103006	Arun Kumar M	8.32
	2016-2020 (B)	VII	16103087	Sindhu G	8.80
2.	2017-2021 (A)	V	17103050	Kowsika R	9.19
	2017-2021 (B)	V	17103067	Owais Ahmed Sheikh	8.22
3.	2018-2022 (A)	III	18103012	Mukeshkumar E	8.61
	2018-2022 (B)	III	18103822	Varun Karthik D	7.70

FACULTY PARTICIPATION

S.NO.	NAME OF THE FACULTY	FDP/ STTP	WEBINAR	CONFERENCE	WORKSHOP
1.	Dr. Akil K		1		
2.	Dr. Elangovan C	1			
3.	Dr. Deepa Shri S	1	7		
4.	Dr. Sakthivel R	4	34		1
5.	Ms. Subashree P	2	6		
6.	Mr. Senthil Kumar R		8		
7.	Mrs. Saraswathi K		22		
8.	Mr. Alex Livingston Raja A		6		
9.	Ms. Brindha M	1			
10.	Mr. Suresh V	1	13		
11.	Mr. Dinakar D	1			
12.	Mr. Dinesh Kumar M	4	3		
13.	Mr. Logan Durai M		11		
14.	Ms. Priyadharshini R	1	8		

FACULTY PARTICIPATION

S.NO.	NAME OF THE FACULTY	FDP/ STTP	WEBINAR	CONFERENCE	WORKSHOP
15.	Mr. Syed Arshad H	1			
16.	Mr. Siddharth K	2	18		
17.	Mr. Parthasaarathi R	2	26		
18.	Ms. Jobeena T J P	1			
19.	Mr. Vivek S	3	5		
20.	Mr. Sakthivel R	2	11		1



“Don't take rest after your first victory because if you fail in second, more lips are waiting to say that your first victory was just luck.”

— A.P.J. Abdul Kalam

THANK YOU !!!