

### 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 & Recoginition of Faculty and Students

May 2021



**Editorial Board** 

Editor-in-Chief Dr. Akil K

Associate Editors Ms. Priyadharshini R Mr. Siddharth K

Student Editors Mr. Karthepan S R Mr. Mukesh Kumar E Ms. Sakthi Shree R

## **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.



### **EVENTS ORGANIZED**

On 05.12.2020 Mr. Kalidasan K, President, Osai Environmental Organization, Coimbatore gave a webinar on "Wildlife Conservation" organized by Mr. Alex Livingston A, Assistant Professor, Mr. Prasanna Venkatesan N, Assistant Professor & Dr. Sridhar N, Assistant Professor.





#### **OUTCOMES**

The participants will be able to:

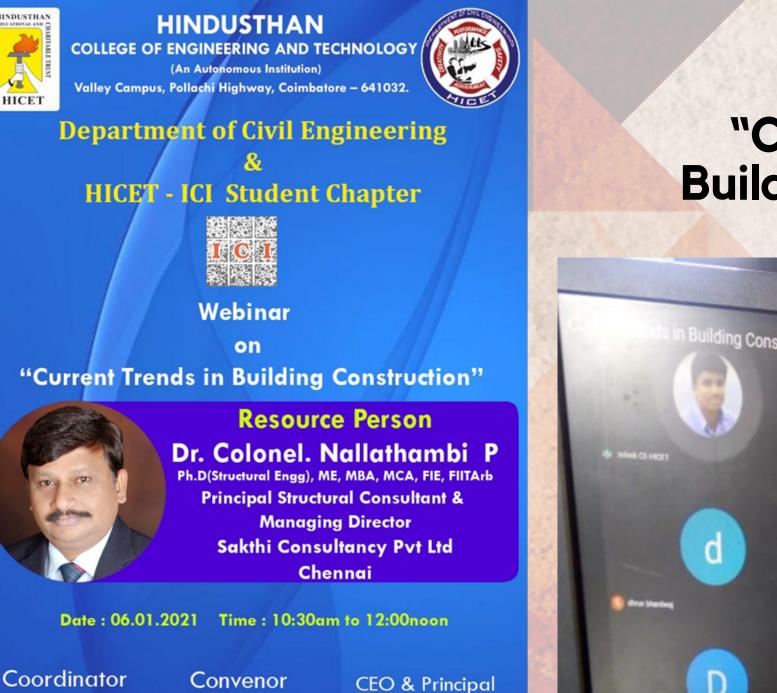
- Acknowledge the importance and necessities of wildlife conservation.
- Understand the role of various wildlife species in sustaining life on the planet.

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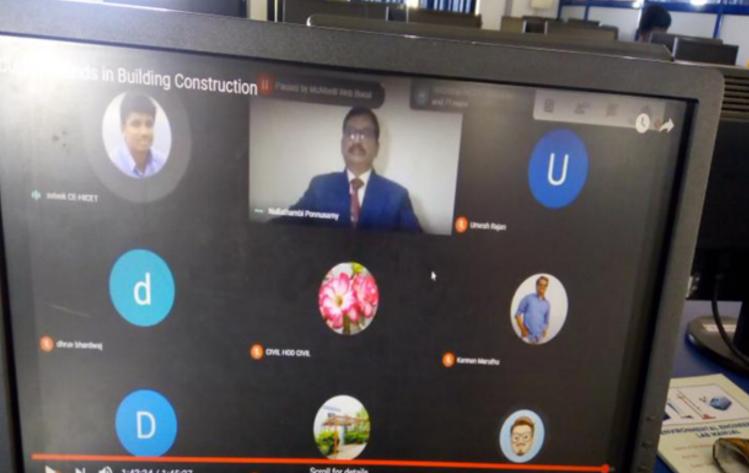
### **EVENTS ORGANIZED**

On 06.01.2021 Dr. Colonel. P. Nallathambi, Principal Structural Consultant & Managing Director, Sakthi Consultancy Pvt.Ltd., Chennai gave a webinar on "Current Trends in Building Construction" organized by Mr. Vivek S, Assistant Professor.



Dr. K. Karunakaran

Webinar on "Current Trends in Building Construction"



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2020 - 2021

AP, Civil Engg. HoD, Civil Engg.

https://meet.google.com/eru-vmir-nsr

Dr. K. Akil

#### OUTCOMES

Mr. S. Vivek

The participants gained knowledge on:

- Application of different Advanced Construction methods in the Society
- Adoption of Economical Construction Methods
- Innovation and Invention of Novel Construction Techniques to the Construction field.

### **EVENTS ORGANIZED**

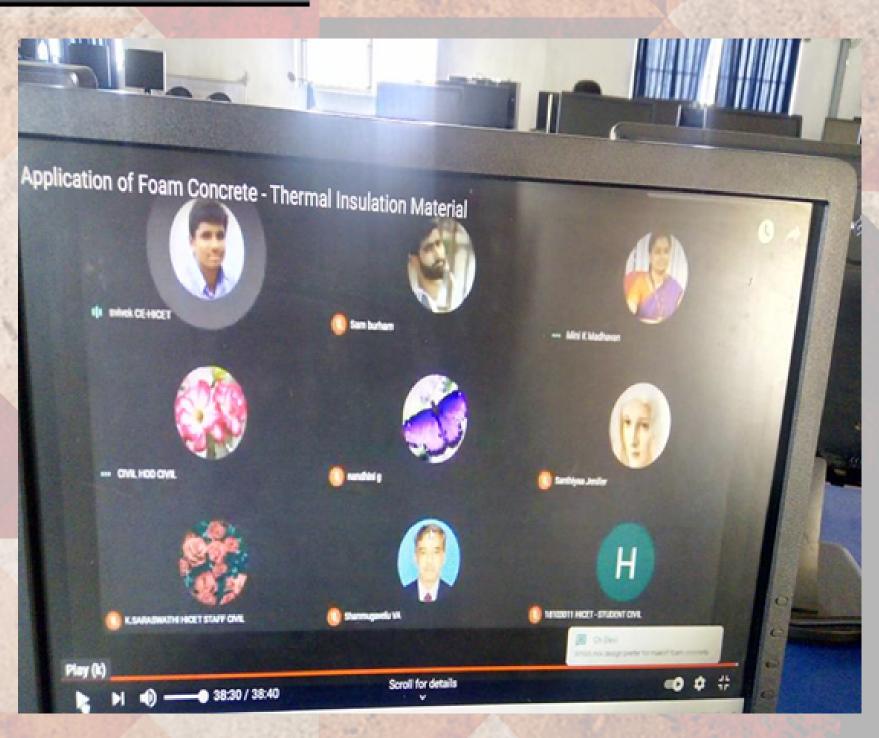
On 08.01.2021 Dr. K. M. Mini, Professor & HoD and Dr. Dhanya Sathyan, Assistant Professor, Department of Civil Engineering, Amrita School of Engineering, Coimbatore gave a webinar on "Application of Foam Concrete - Thermal Insulation Material" organized by Mr. Vivek S, Assistant Professor.



E- Certificates will be provided to all the active participants

Co-ordinator Mr. S. Vivek AP, Civil Engineering Convenor Dr. K. Akil HOD, Civil Engineering CEO & Principal Dr. K. Karunakaran Webinar on

"Application Foam Concrete - Thermal Insulation Material"



#### OUTCOMES

The participants gained knowledge on

- Application of Foam Concrete in the Construction Industry
- Alternative Concreting Materials usage in the Civil Engineering Sector
- Innovation in Thermal Insulated Constructed Materials. May 2021 3

### **EVENTS ORGANIZED**

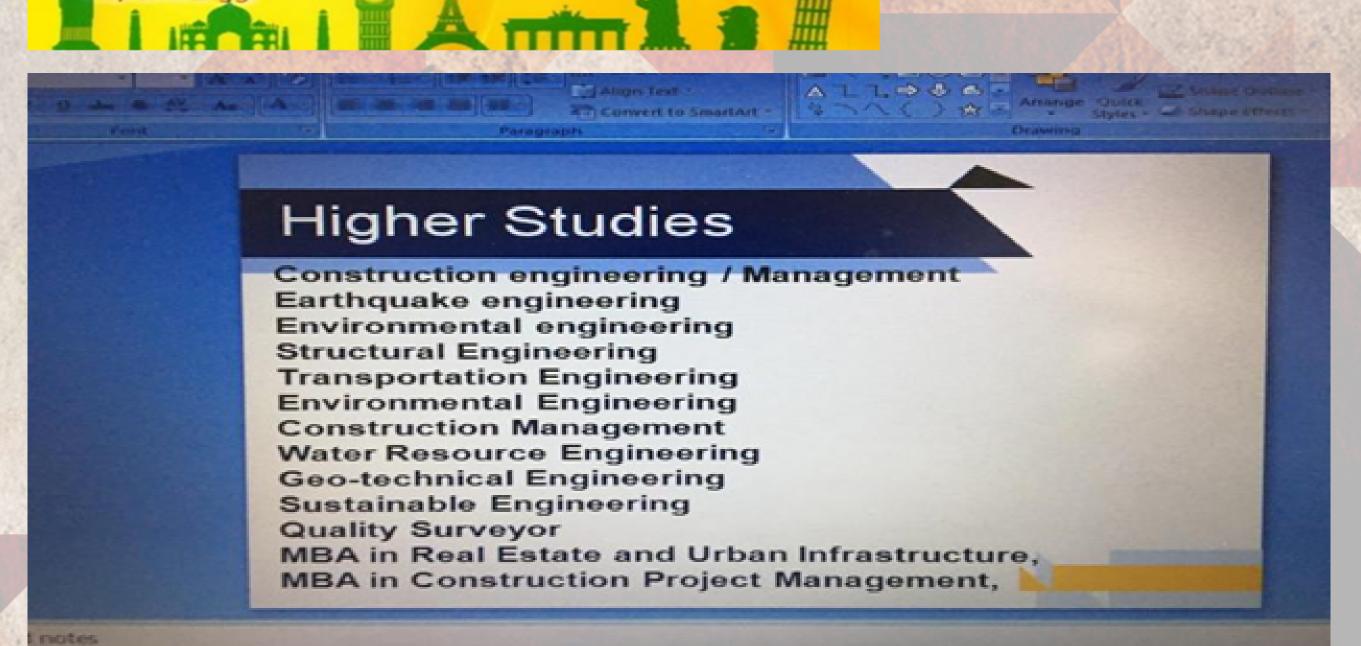
On 21.01.2021 Ms. Shobana, Senior Faculty & Ms. Sowmini, Senior Counsellor, Edwise International Coimbatore gave a webinar on "Overseas Education Opportunities Post Covid-19 for Civil Engineering Students" organized by Mr. Vivek S, Assistant Professor & Mr. Siddharth K, Assistant Professor.



Webinar on

"Overseas Education Opportunities Post Covid-19 for Civil Engineering Students"

Coordinators Mr. S. Vivek Mr. K. Siddharth AP, Civil Engg. Convenor Dr. K. Akil HoD, Civil Engg. CEO & Principal Dr. K. Karunakaran



#### OUTCOMES

The participants gained knowledge on:

The opportunities, requirements and admission procedures for various PG degree programmes in Europe, United States, Malaysia and Singapore etc. for Civil Engineering graduates post COVID-19.

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### **EVENTS ORGANIZED**

On 03.02.2021 Mr. K. R. Shoban, Managing Director, iBrand Edutainment Solutions, Coimbatore gave a webinar on "Attitude of an Entrepreneur" organized by Mr. Siddharth K, Assistant Professor.



#### HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution) Valley Campus, Pollachi Highway, Coimbatore – 641032.



Department of Civil Engineering In Association with Entrepreneurship Developement Cell

#### Webinar on "Attitude of an Entrepreneur"



#### Mr.K.R.Shoban

Managing Director iBrand Edutainment Solutions Coimbatore

Date: 3.2.2021

Time: 10.30am to 11.30am

Co-ordinator Mr.K.Siddharth AP/Civil Engg Convenor Dr.K.Akil HoD,Civil Engg CEO & Principal Dr.K.Karunakaran

https://meet.google.com/vdh-eteu-gsm

Webinar on "Attitude of an Entrepreneur"



#### OUTCOMES

The participants will be able to:

- Understand the significance of setting goals and working towards it in entrepreneurship.
- Gain knowledge the various skills required for an entrepreneur.

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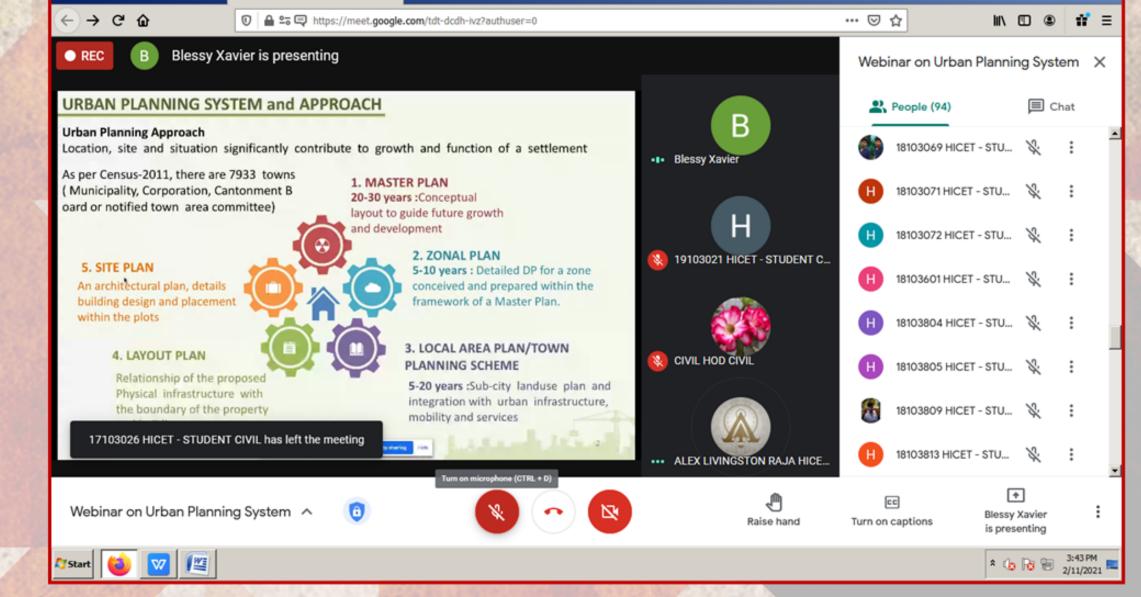
### **EVENTS ORGANIZED**

On 11.02.2021 Ms. D. Blessy, Assistant Town and Country Planner, Town and Country Planning Organization, New Delhi gave a webinar on "Urban Planning System" organized by Mr. Alex Livingston A, Assistant Professor & Mr. Logan Durai M, Assistant Professor.



## Webinar on "Urban Planning System"

2020 - 2021



### OUTCOMES

The participants will be able to:

- Acknowledge the importance and necessities of urban planning and development system.
- Understand the principles and processes involved in urban and regional plan formulation and its implementation.

## **EVENTS ORGANIZED**

On 24.03.2021 Mr. S. Prasanna Krishna, Educationalist, Serial Entrepreneur, Consultant and Founder, Career Zone, Coimbatore gave a webinar on "Let's Talk – Study Abroad" organized by Mr. Alex Livingston A, Assistant Professor.



### HINDUSTHAN

COLLEGE OF ENGINEERING AND TECHNOLOGY An Autonomous Institution, Approved by AICTE, New Delhi Affiliated to Anna University, Chennai, Accredited by NAAC with 'A' Grade OTHAKKALMANDAPAM, COIMBATORE - 641 032



### **DEPARTMENT OF CIVIL ENGINEERING**

**Cordially Invites You for the Special Lecture on** 

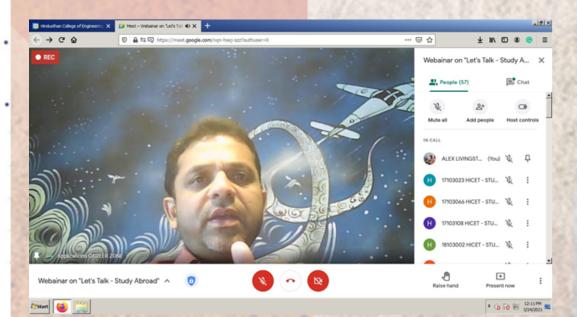
### Let's Talk - Study Abroad

Take your higher education experience to another level. Study Abroad.

> Resource Person Mr. S. Prasanna Krishna Educationalist, Serial Entrepreneur, Consultant & Founder, Career Zone, Coimbatore



Webinar on "Let's Talk – Study Abroad"



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

24.03.2021, Wednesday at 03:30 PM meet.google.com/nqn-hsej-szz

#### OUTCOMES

The participants will be able to:

• Recognize the various international entrance examinations (TOEFL, IELTS, GRE, GMAT, SAT etc.) and the eligibility required to pursue higher education in foreign universities.

• Understand the opportunities, requirements and admission procedures for various degree programmes in Europe, United States, Malaysia and Singapore.

## SEMINARS / SELF SPONSORED

## WORKSHOPS ORGANIZED BY THE DEPARTMENT

S.NO.	NAME OF THE EVENT	DETAILS OF THE RESOURCE PERSON	DATE	CO-ORDINATOR(S)	CONVENOR
1.	National Webinar on "Wildlife Conservation"	Mr. Kalidasan K, President, Osai Environmental Organization, Coimbatore.	5.12.2020	Mr. Alex Livingston A	Dr. Akil K
2.	National Webinar on "Current Trends in Building Construction"	Dr. Colonel. Nallathambi P, Principal Structural Consultant & Managing Director, Sakthi Consultancy Pvt.Ltd., Chennai	6.01.2021	Mr. Vivek S	Dr. Akil K
3.	National Webinar on "Application of Foam Concrete – Thermal Insulation Material"	<ol> <li>Dr. Mini K M, Professor &amp; HoD, Department of Civil Engineering, Amrita School of Engineering, Coimbatore</li> <li>Dr.DhanyaSathyan Assistant Professor, Department of Civil Engineering Amrita School of Engineering, Coimbatore</li> </ol>	8.01.2021	Mr. Vivek S	Dr. Akil K
4.	Webinar on "Overseas Education Opportunities Post COVID-19 for Civil Engineering Students"	<ol> <li>Ms.Shobana, Senior Faculty, Edwise International Coimbatore.</li> <li>Ms.Sowmini, Senior Counsellor, Edwise International Coimbatore.</li> </ol>	21.01.2021	Mr. Vivek S, Mr. Siddharth K	Dr. Akil K
5.	National Webinar on "Attitude of an Entrepreneur"	Mr. Shoban K R, Managing Director, iBrand Edutainment Solutions, Coimbatore.	03.02.2021	Mr. Siddharth K	Dr. Akil K
6.	Webinar on "Urban Planning System"	Ms. Blessy D, Assistant Town and Country Planner, Town and Country Planning Organization, New Delhi.	11.02.2021	Mr. Alex Livingston A	Dr. Akil K
7.	Special Lecture on "Let's Talk, Study Abroad"	Mr. Prasanna Krishna S, Educationalist, Serial Entrepreneur, Consultant and Founder, Career Zone, Coimbatore.	24.03.2021	Mr. Alex Livingston A	Dr. Akil K

## **MOU SIGNED**

S. NO.	NAME OF COMPANY	DATE
1.	Association of Consulting Civil Engineers (India) – ACCI, Coimbatore Centre.	17.03.2021

May 2021



### HINDUSTHAN

#### **COLLEGE OF ENGINEERING AND TECHNOLOGY**

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### **DEPARTMENT OF CIVIL ENGINEERING**

Cordially Invites You for the Signing of

#### **MEMORANDUM OF UNDERSTANDING**

Between

#### **Association of Consulting Civil Engineers, Coimbatore**

And

Hindusthan College of Engineering and Technology, Coimbatore



**On Behalf of ACCE** 

Er. J. Premkumar Chairman Er. M. Muruganandham

Er. M. Sathyamoorthy Treasurer

Secretary

**On Behalf of HICET** 

Dr. K. Karunakaran CEO & Principal Dr. K. Akil Professor & HoD, Civil Engg. Mr. S. Vivek Faculty Co-Ordinator

Date: 17<sup>th</sup> March 2021, Wednesday Time: 03:30 PM Venue: Board Room, Principal's Office





## FACULTY MEMBERS AS RESOURCE PERSONS

S.NO.	NAME OF THE FACULTY	DATE	TITLE OF THE FDP/SEMINAR/ WORKSHOP/STTP/ TRAINING PROGRAM	NAME OF ORGANIZING INSTITUTE	PLACE
1.	Mr. Dinesh Kumar M	07.01.2021	Introduction to Civil Engineering	Government Higher Secondary School, Kinathukdavu	Coimbatore
2.	Mr. Suresh V	15.02.2021	AICTE Sponsored STTP on Site investigation in Geotechnical Engineering	Vellalar College of Engineering and Technology	Erode
3.	Mrs. Saraswathi K	03.04.2021	FDP on Applied Hydraulic Engineering (PUMPS)	Dhanalakshmi Srinivasan College of Engineering	Coimbatore

- Mr. K. Siddharth, published journal on "Experimental Study on Composite Concrete Slabs with Dovetailed Profiled Deck Sheet for Sustainable Development" on "Journal of Green Engineering(ISSN 1904-4720, 2020)". Vol.10, No.6, pp. 2693–2709, 2020.
- Mr. S. Vivek, published journal on "Experimental Investigation on Bricks by Using Cow Dung, Rice Husk, Egg Shell Powder as a Partial Replacement for Fly Ash" on "The Asian Review of Civil Engineering(ISSN: 2231-6108)". Vol.10, No.1, pp. 1-7, 2020.

# About 528 Seminar / Webinar were attended by the faculties in the academic year 2020 - 2021.

## **STUDENTS ACHIEVEMENTS IN SPORTS**

S.NO.	ватсн	CLASS/ SEM	NAME OF THE STUDENT	NAME OF THE EVENT	VENUE	DATE	PRIZE
1.	2018- 2022	III Year / VI Semester	Vijayaraja T	"Anna University Sponsored Zone Level Hockey Tournament"	Hindusthan College of Engineering and Technology, Coimbatore	27.03.2021	Winners
2.	2018- 2022	III Year / VI Semester	Muthukaruppan R M	Anna University Sports Board, Chennai Zone 10 "KABADDI", "Basketball"	Sri Eshwar College of Engineering, Coimbatore	February 2021	III Prize
3.	2018- 2022	III Year / VI Semester	Saravanakumar V	Anna University Sports Board, Chennai Zone 10 "KABADDI"	Karpagam college of Engineering, Coimbatore	March 2021	ll Prize
4.	2018- 2022	III Year / VI Semester	Pradeep D	Anna University Sports Board, Chennai Zone 10 "KABADDI"	Karpagam college of Engineering, Coimbatore	March 2021	II Prize
5.	2018- 2022	III Year / VI Semester	Prakash A	Anna University Sports Board, Chennai Zone 10 "KABADDI"	Karpagam college of Engineering, Coimbatore	March 2021	II Prize
6.	2018- 2022	III Year / VI Semester	Ramalingam M	Anna University Sports Board, Chennai Zone 10 "KABADDI"	Karpagam college of Engineering, Coimbatore	March 2021	ll Prize
7.	2019- 2023	II Year / IV Semester	Adhityan V	Anna University Sports Board, Chennai Zone 10 "KABADDI"	Karpagam college of Engineering, Coimbatore	March 2021	II Prize
8.	2019- 2023	II Year / IV Semester	Santhosh T	Anna University Sports Board, Chennai Zone 10 "KABADDI"	Karpagam college of Engineering, Coimbatore	March 2021	ll Prize
9.	2018- 2022	III Year / VI Semester	Muthukaruppan R M	Anna University Sports Board ,Chennai Zone 10 Sports Activities 2020_2021 "Kabaddi"	Sri Eshwar College Of Engineering, Coimbatore	February 2021	Third Prize



## SEMINARS / WEBINARS ATTENDED BY STUDENTS

S.NO.	BATCH	CLASS/ SEM	NAME OF THE STUDENT	NAME OF THE SEMINAR / WEBINAR	ORGANIZED BY	DATE
1.	2019-2023	II Civil / III Semester	Preethi. R	Water The Elixir of Life	Nehru Institute of Technology, Coimbatore	22.03.2021
2.	2019-2023	II Civil / III Semester	Sakthi Shree R	Water The Elixir of Life	Nehru Institute of Technology, Coimbatore	22.03.2021
3.	2019-2023	II Civil / III Semester	Sahil Zahoor	Water The Elixir of Life	Nehru Institute of Technology, Coimbatore	22.03.2021
4.	2019-2023	II Civil / III Semester	Marasu Venkata Roshith Babu	Water The Elixir of Life	Nehru Institute of Technology, Coimbatore	22.03.2021
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5.	2019-2023	II Civil / III Semester	Pooja K	Water The Elixir of Life	Nehru Institute of Technology, Coimbatore	22.03.2021
6.	2018-2022	III Civil / V Semester	Shahul Hameed A	Civil Engineer's Technical Training	CADDESK, Coimbatore	04.02.2021

 82 final year students were placed in various reputed companies.

## NPTEL COURESES COMPLETED BY FACULTIES

S.NO.	NAME OF THE FACULTY	NAME OF THE COURSE	COURSE OFFERED BY	DURATION
1.	Dr. Akil K	Electronic Waste Management – Issues and Challenges	IIT, Kharagpur	January-February 2021 (4 Weeks)
2.		Enhancing Soft Skills and Personality	IIT Kanpur	February - April 2021 (8 Weeks)
3.	Mr. Alex Livingston Raja A	Electronic Waste Management – Issues and Challenges	IIT, Kharagpur	January-February 2021 (4 Weeks)
4.	Mr. Dinesh Kumar M	Electronic Waste Management – Issues and Challenges	IIT, Kharagpur	January-February 2021 (4 Weeks)
5.	Dr. Subashree P	Geographic Information Systems	IIT Roorkee	January - April 2021 (12 Weeks)
6.	Mr. Sakthivel R	Development and Applications of Special Concrete	IIT Kanpur	January - March 2021 (8 Weeks)

### PAPER PRESENTED IN CONFERENCE BY FACULTIES

 Dr. Deepa Shri S, presented paper on "Regression Based Analysis for Identifying Flexural Strength of Hybrid Ferrocement Slab" on "Virtual International Conference on Modelling, Simulation and Karpagam College of **Control**" organized by Engineering, Coimbatore from 26.02.2021 to 27.02.2021.



pace architecture

Ref: 2021/245

Kuwait 4<sup>th</sup> March 2021

#### TO WHOM IT MAY CONCERN

This is to certify that Mr.Shamil Mohamed Ummer Student of Hindusthan college of Engineering and technology Completed 30 days internship Program with PACE as an Civil Engineer Trainee from 18/01/2021 to 18/02/2021 Supervision services PK 8 & 9 Grand sea & Park Tower at Hessah al Mubarak Diricha Denta Kumit District Project Kuwait .

During this period he reported directly to me, I have found him eager to learn, efficient and capable of tackling problems and understanding concepts with ease. He was Quick to adapt to the highly professional standards from this firm.

We wish him luck and success.

Haman Dace Nadia Hamza

Resident Engin

PACE

**Mr SHAMIL MOHAMED UMMER** (Reg. No. 18103052) Completed Internship in PACE **Architecture, Engineering and** Planning, **Kuwait** from 18.01.2021 to 18.02.2021.

**May 2021** 

المكتب العربى



## **ACHIEVEMENTS BY FACULTY**



Dr. Akil K, Professor and Head of the Department received **Appreciation Award for NPTEL Country Toppers – TEACHERS DAY AWARDS 2021 in Hindusthan College of Engineering and** 

Technology





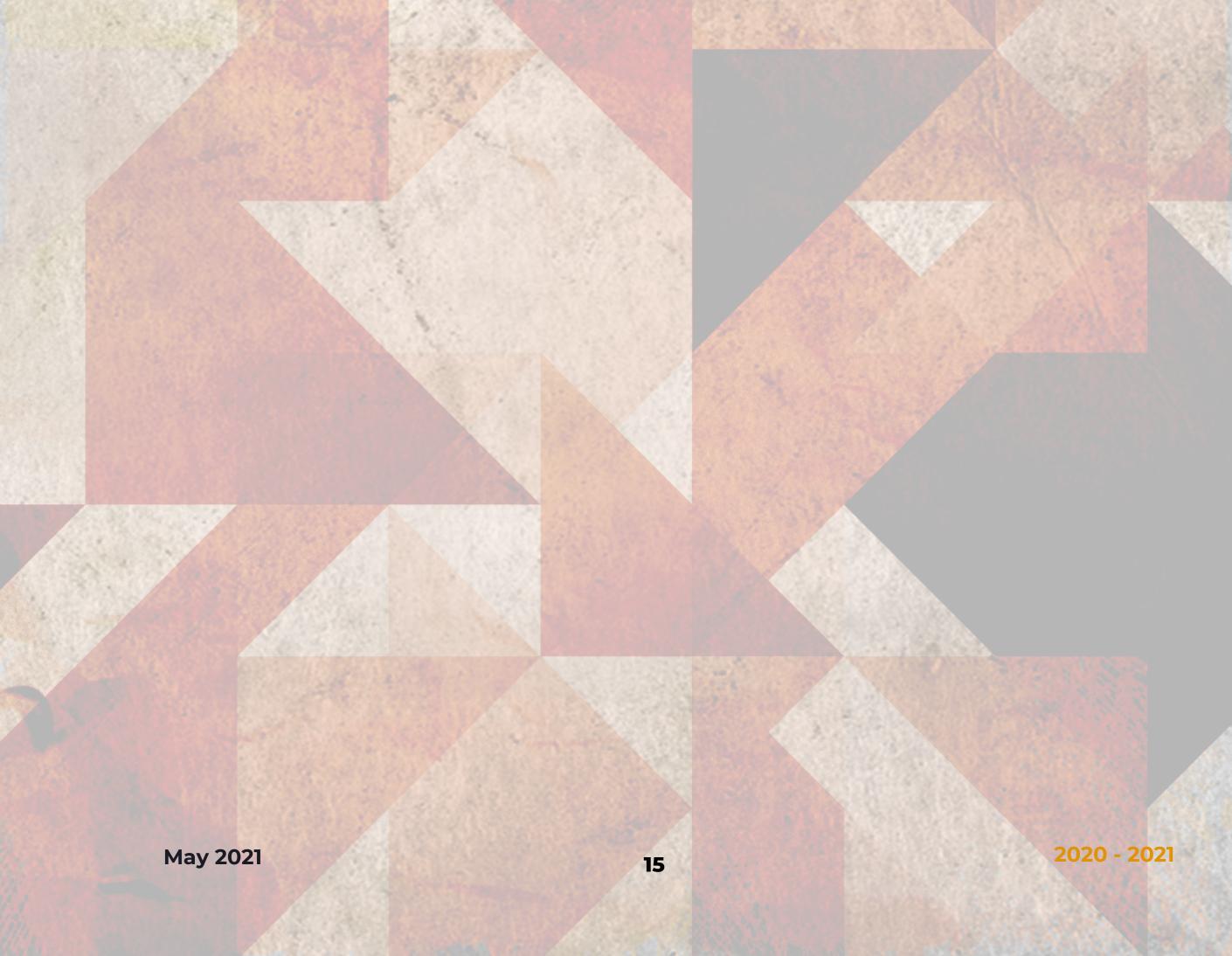
**Mr. Alex Livingstone Raja A, Assistant Professor received Appreciation Award for NPTEL Country Toppers – TEACHERS DAY AWARDS 2021 in Hindusthan College of Engineering and** Technology

May 2021



## **Toppers for 2020-2021 Odd Semester**

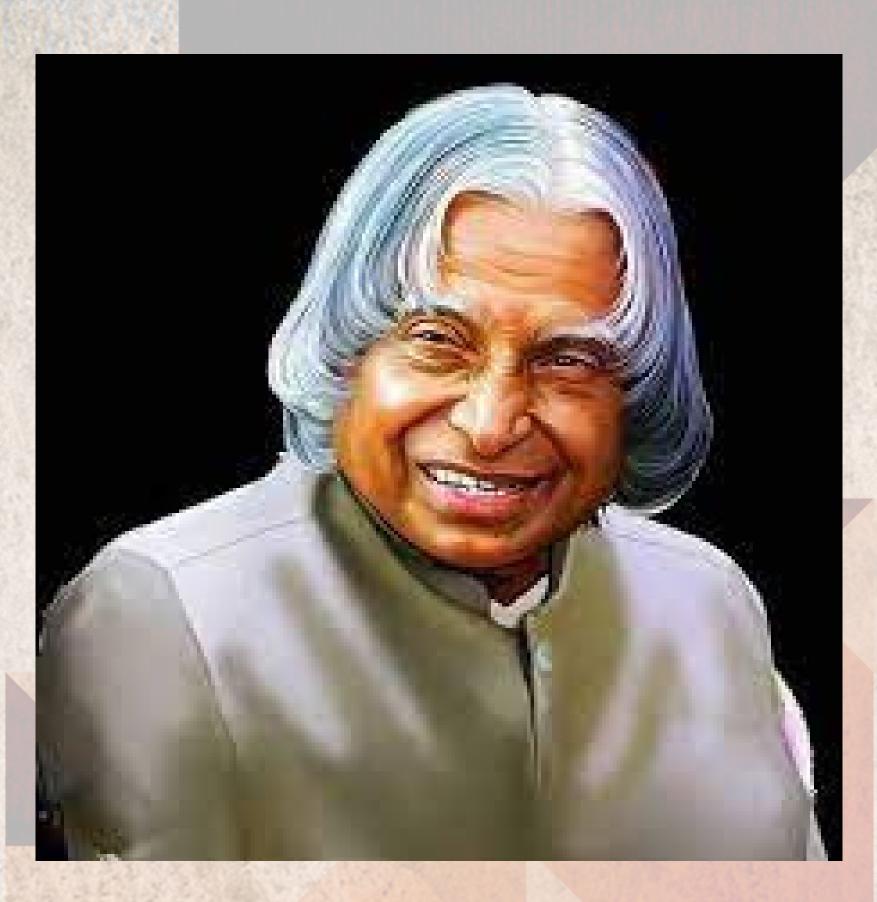
S.NO.	ВАТСН	SEMESTER	REGISTER NO.	NAME OF THE STUDENT	GPA
	2017-2021 (A)	VII	17103012	Amrita Sambhu	10.00
1.	2017-2021 (B)	VII	17103066	Nithyasree H	10.00
	2018-2022 (A)	v	18103012	Dhugin R	9.89
2.	2018-2022 (B)	v	18103047	Riaz Ahamed S	9.42
2	2010 2022		19103040	Sakthi Shree R	10.00
3.	2019-2023 III 1910380	19103804	Bhrugumalla Manoj	10.00	



## FACULTY PARTICIPATION

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

May 2021



"It Is Very Easy To Defeat Someone, But It Is Very Hard To Win Someone" — Abdul Kalam A. P. J.

## THANK YOU !!!