






Hindusthan

**College of Engineering and Technology,
Valley Campus, Pollachi Highway, Coimbatore 641 032.**

www.hicet.ac.in

**REPORT FOR INSTALLATION OF OFFICE BEARERS, ICI, CBEC,
INAUGURATION OF ICI STUDENT CHAPTER & SEMINAR**

Name of the Faculty : Siddharth K, Dinesh Kumar M	
Department : Civil Engineering	Designation : Assistant Professor
Name of the Event: Installation of Office Bearers, ICI, CBEC, Inauguration of Indian Concrete Institute, Coimbatore Centre & Seminar on "Right Products" by UltraTech Cement	
Level : College Level	
Mapping with UN SDGs (Tick the relevant): No poverty (SDG 1), Zero hunger (SDG 2), Good health and well-being (SDG 3), Quality <input checked="" type="checkbox"/> education (SDG 4), Gender equality (SDG 5), Clean water and sanitation (SDG 6), Affordable and clean energy (SDG 7), Decent work and economic growth (SDG 8), Industry, innovation <input checked="" type="checkbox"/> and infrastructure (SDG 9), Reduced inequalities (SDG 10), Sustainable cities <input checked="" type="checkbox"/> and communities (SDG 11), Responsible consumption <input checked="" type="checkbox"/> and production (SDG 12), Climate action (SDG 13), Life below water (SDG 14), Life on land (SDG 15), Peace, justice, and strong institutions (SDG 16), and Partnerships <input checked="" type="checkbox"/> for the goals (SDG 17).	
Venue / Mode: HiCET/ Physical Mode	
No. of Days : 1/2	Date : 01.02.2024
Funded by :-	
No. of Participants : 104	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) :- Dr. A. Sudhahar, Chairman, ICI Coimbatore Centre Dr. M. Arun, Secretary Elect, ICI Coimbatore Centre Er. M. Jani, Territory Manager, Ultra Tech Cement, Coimbatore Er. S. Lokesh Kumar, Territory Manager, Ultra Tech Cement, Coimbatore	
Outcome : 1. Office bearers of Indian Concrete Institute were installed. 2. The participants gained knowledge on different products from Ultra Tech Cement and their applications	
Remarks and Feedback on the Event: 1. Participants had no issues in attending the seminar and the feedback for the program was good.	
Plan of Implementing in HiCET (if any) :-	
 Signature of the Faculty	 HoD
 Principal	

Copy of the Event Brochure / Invitation:



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

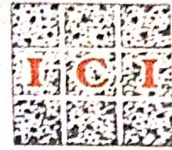
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Accredited with 'A++' Grade by NAAC

Coimbatore-641032



DEPARTMENT OF CIVIL ENGINEERING and INDIAN CONCRETE INSTITUTE

Welcome you all for the

Installation Ceremony of



Dr. K. AKIL

Professor and Head

Department of Civil Engineering

Hindusthan College of Engineering and Technology, Coimbatore

as **Chairman**
Indian Concrete Institute
Coimbatore Centre



**February 01, 2024
11.00 AM to 1.00 PM**



**Kurinji Hall
HICET**



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

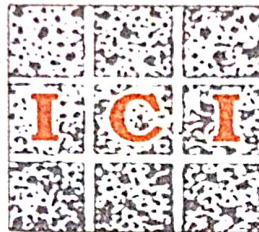
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Accredited with 'A++' Grade by NAAC
Coimbatore - 641 032.



DEPARTMENT OF CIVIL ENGINEERING in association with **Indian Concrete Institute, Coimbatore Center**



Welcomes you all for the Inauguration of Indian Concrete Institute Students Chapter and Installation of Office Bearers

Date : 01.02.2024

Time : 10.00 A.M.

Co-ordinators

**Mr. Siddharth K
Mr. Dinesh Kumar M
Assistant Professors**

Convenor

**Dr. Akil K
HoD, Civil Engg.**

Patrons

**Dr. Jaya J
Principal**

**Dr. Karunakaran K
CEO**

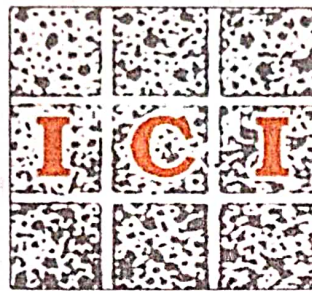


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DEPARTMENT OF CIVIL ENGINEERING
in association with
Indian Concrete Institute, Coimbatore Center



organizes a Seminar on

Right Products

Resource Persons

Er. M. Jani, Territory Manager, Ultra Tech Cement, Coimbatore
Er. S. Lokesh Kumar, Territory Manager, Ultra Tech Cement, Coimbatore



Date : 01.02.2024

Time : 12.00 P.M.

Co-ordinators

Mr. Siddharth K
Mr. Dinesh Kumar M
Assistant Professors

Convenor

Dr. Akil K
HoD, Civil Engg.

Patrons

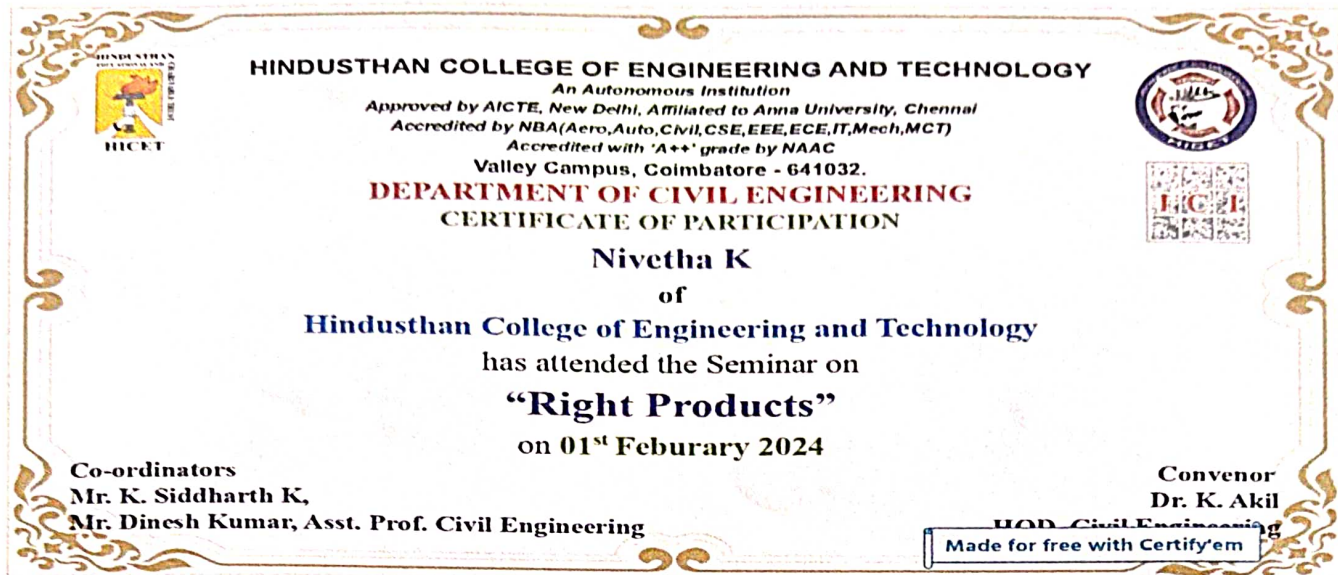
Dr. Jaya J
Principal

Dr. Karunakaran K
CEO

Photographs of Event – 2 Nos:



Copy of the Participation/Issue Certificate:




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College of Engineering and Technology,
Valley Campus, Pollachi Highway, Coimbatore 641 032.
www.hicet.ac.in
REPORT FOR WORKSHOP

Name of the Faculty : Siddharth K, Poomalai R	
Department : Civil Engineering	Designation : Assistant Professor
Name of the Event: Workshop on "Bamboo Structures"	
Level : College Level	
Mapping with UN SDGs (Tick the relevant): No poverty (SDG 1), Zero hunger (SDG 2), Good health and well-being (SDG 3), Quality education (SDG 4), Gender equality (SDG 5), Clean water and sanitation (SDG 6), Affordable and clean energy (SDG 7), Decent work and economic growth (SDG 8), Industry, innovation and infrastructure (SDG 9), Reduced inequalities (SDG 10), Sustainable cities and communities (SDG 11), Responsible consumption and production (SDG 12), Climate action (SDG 13), Life below water (SDG 14), Life on land (SDG 15), Peace, justice, and strong institutions (SDG 16), and Partnerships for the goals (SDG 17).	
Venue / Mode: HICET/ Physical Mode	
No. of Days : 2	Date : 20.03.2024 & 21.03.2024
Funded by : -	
No. of Participants : 55	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) : - Mr. Ar. Lakshmana Raju, Associate Architect, Rayan Healthcare Infra Pvt. Ltd.	
Outcome : 1. The participants acquired knowledge on constructing small-scale bamboo structures, assembling components, enhancing their skills and confidence in working with bamboo as a building material.	
Remarks and Feedback on the Event: 1. The overall feedback of the workshop was good and the participants had no issues in attending the workshop.	
Plan of Implementing in HiCET (if any) :-	
Signature of the Faculty	Principal

Copy of the Event Brochure / Invitation:



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Colombatore-641032



DEPARTMENT OF CIVIL ENGINEERING



Organizes a Workshop on

BAMBOO STRUCTURES



Resource Person



Ar. Lakshmana Raju
Associate Architect
Rayan Healthcare Infra Pvt. Ltd.

Date & Time



March 21, 2024



9:15 AM



Visvesvaraya Hall
Civil Engg. Dept., HiCET

CO-ORDINATORS

Mr. K. Siddharth
Assistant Professor
Civil Engineering

Mr. R. Poomalal
Assistant Professor
Civil Engineering

CONVENOR

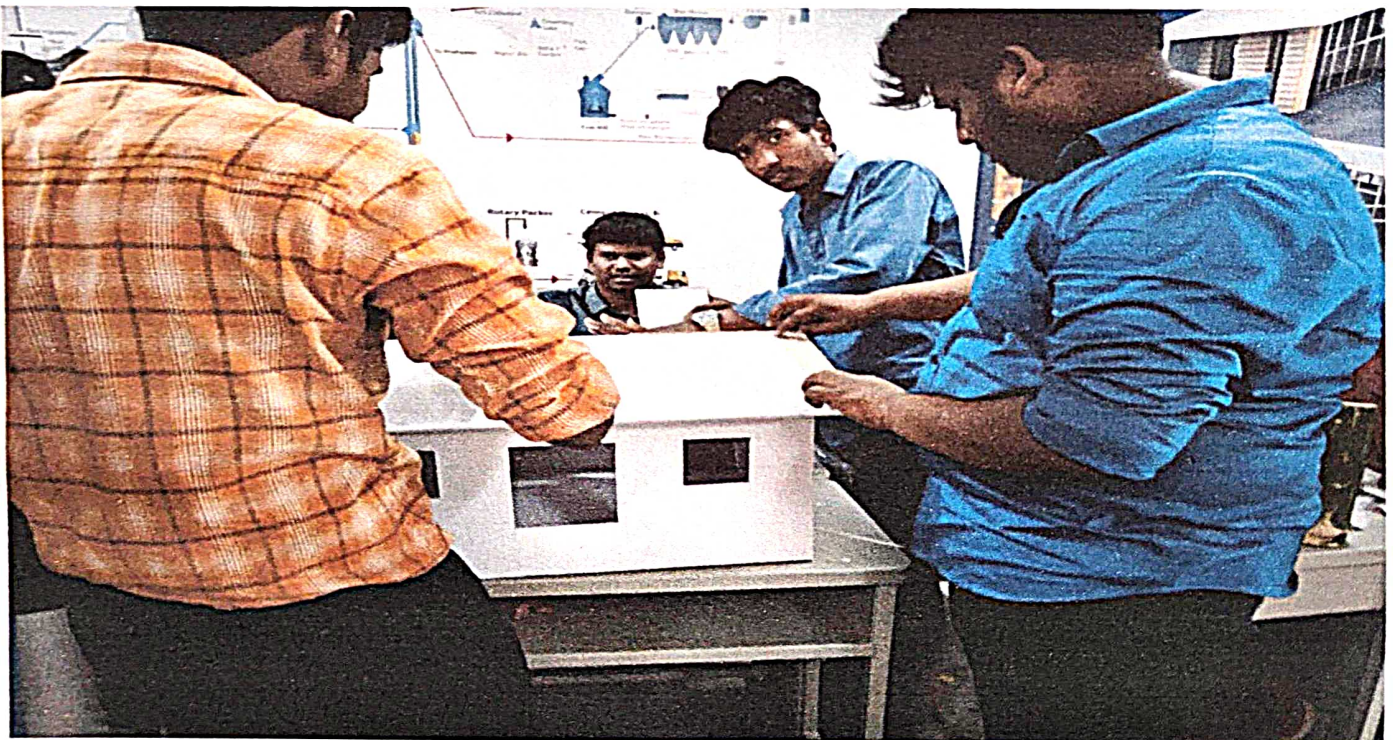
Dr. K. Akil
Professor & HoD
Civil Engineering

PATRONS

Dr. J. Jaya
Principal

Dr. K. Karunakaran
CEO

Photographs of Event – 2 Nos:



Copy of the Participation/Issue Certificate:

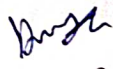


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	DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION <i>This Certificate is awarded to</i> _____	
<p style="text-align: center;">of</p> <p style="text-align: center;"><i>Hindusthan College of Engineering and Technology</i> <i>for Participating in 2 Day Workshop on</i> "BAMBOO STRUCTURES" 20th & 21st March 2024</p>		
Mr. K. Siddharth Co-Ordinator	Mr. R. Poomalai Co-Ordinator	Dr. K. Akil Convenor
		Dr. J. Jaya Principal



Hindusthan

College of Engineering and Technology,
Valley Campus, Pollachi Highway, Coimbatore 641 032.
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REPORT FOR WEBINAR

Name of the Faculty : Siddharth K	
Department : Civil Engineering	Designation : Assistant Professor
Name of the Event: Webinar on "Unsaturated Stabilised Subgrade Soils"	
Level : College Level	
Mapping with UN SDGs: SDG 4: Quality education SDG 9: Industry, innovation and infrastructure SDG 11: Sustainable cities and communities SDG 13: Climate action	
Venue / Mode: HiCET/ Online Mode	
No. of Days : 1/2	Date : 02.04.2024
Funded by : -	
No. of Participants : 42	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) : - Dr. A. G. Sharanya, Post Doctoral Fellow, Department of Civil Engineering, IIT Bombay.	
Outcome : 1. The participants gained knowledge on unsaturated sub grade soil and ways to stabilize it in a detailed manner.	
Remarks and Feedback on the Event: 1. The overall feedback of the webinar was good and the participants had no issues in attending the program	
Plan of Implementing in HiCET (if any) :-	
 Signature of the Faculty	 HoD
 Principal	

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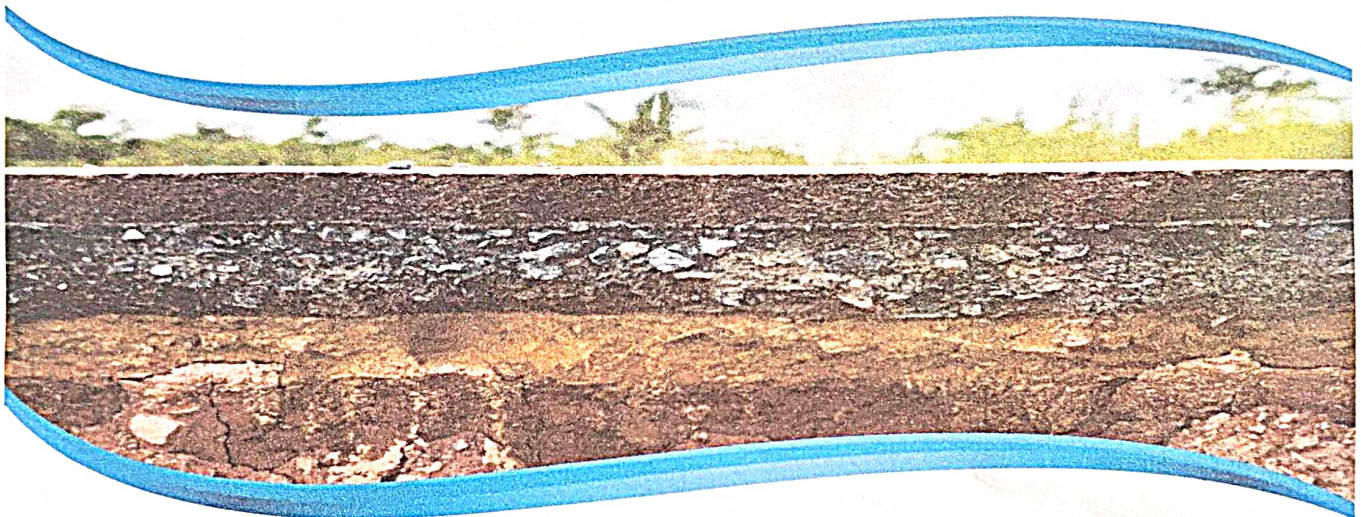


DEPARTMENT OF CIVIL ENGINEERING



Organizes a Webinar on

UNSATURATED STABILIZED SUBGRADE SOILS



Resource Person



Dr. A G Sharanya, Ph.D.
Post Doctoral Fellow
Department of Civil Engineering
IIT Bombay

Date & Time



April 02, 2024



11 am to 12 Noon

Scan to Join



<http://meet.google.com/hgk-rtce-afe>

CO-ORDINATOR

Mr. K. Siddharth
Assistant Professor
Civil Engineering

CONVENOR

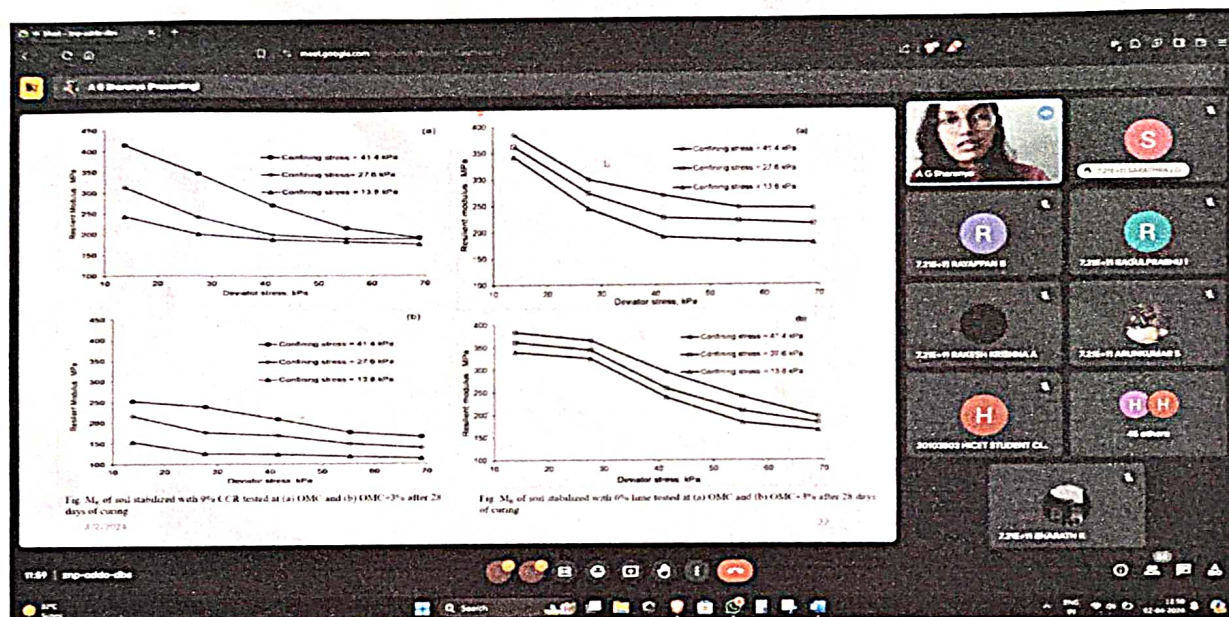
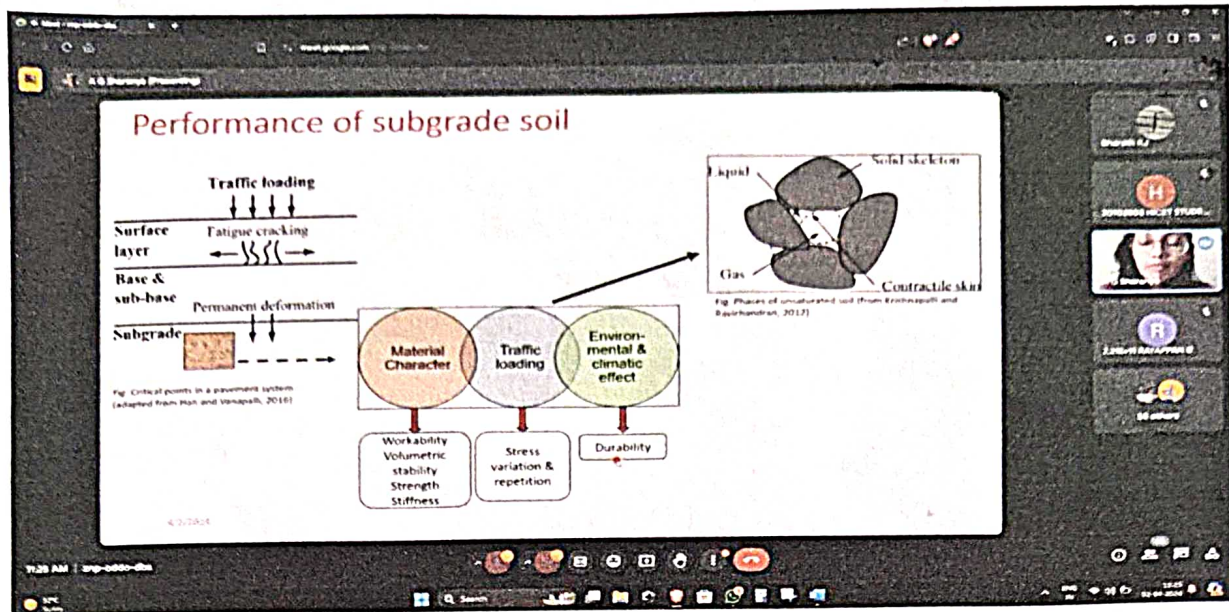
Dr. K. Akil
Professor & HoD
Civil Engineering

PATRONS

Dr. J. Jaya
Principal

Dr. K. Karunakaran
CEO

Photographs of Event – 2 Nos:



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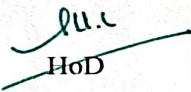

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REPORT FOR WEBINAR

Name of the Faculty : Siddharth K	
Department : Civil Engineering	Designation : Assistant Professor
Name of the Event: Webinar on "Bridging Innovation: Exploring AI's Impact on Civil Engineering"	
Level : College Level	
Mapping with UN SDGs:	
SDG 4: Quality education	
SDG 9: Industry, innovation and infrastructure	
SDG 11: Sustainable cities and communities	
Venue / Mode: HICET/ Online Mode	
No. of Days : 1/2	Date : 25.04.2024
Funded by : -	
No. of Participants : 57	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) : - Dr. Neelesh Ashok, Assistant Professor, Amirtha School of Artificial Intelligence, Amrita Vishwa Vidyapeetham, Coimbatore	
Outcome : 1. The participants gained knowledge on impact of AI in Civil Engineering and how AI addresses the innovation gap in Civil Engineering.	
Remarks and Feedback on the Event: 1. The overall feedback of the webinar was good and the participants had no issues in attending the program	
Plan of Implementing in HiCET (if any) :-	
 Signature of the Faculty	 HoD
	 Principal

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Coimbatore-641032



DEPARTMENT OF CIVIL ENGINEERING

Organizes a Webinar on

Bridging Innovation: Exploring AI's Impact on Civil Engineering Research



Resource Person



Dr. Neelesh Ashok

Assistant Professor

Amrita School of Artificial Intelligence

Amrita Vishwa Vidyapeetham, Coimbatore

Date & Time

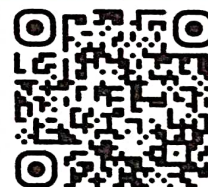


**April 25, 2024
Thursday**



12 Noon to 1 PM

Scan to Join



<https://meet.google.com/tsg-xbzp-ohj>

CO-ORDINATORS

Mr. K. Siddharth
Assistant Professor
Civil Engineering

Mr. M. Dinesh Kumar
Assistant Professor
Civil Engineering

CONVENOR

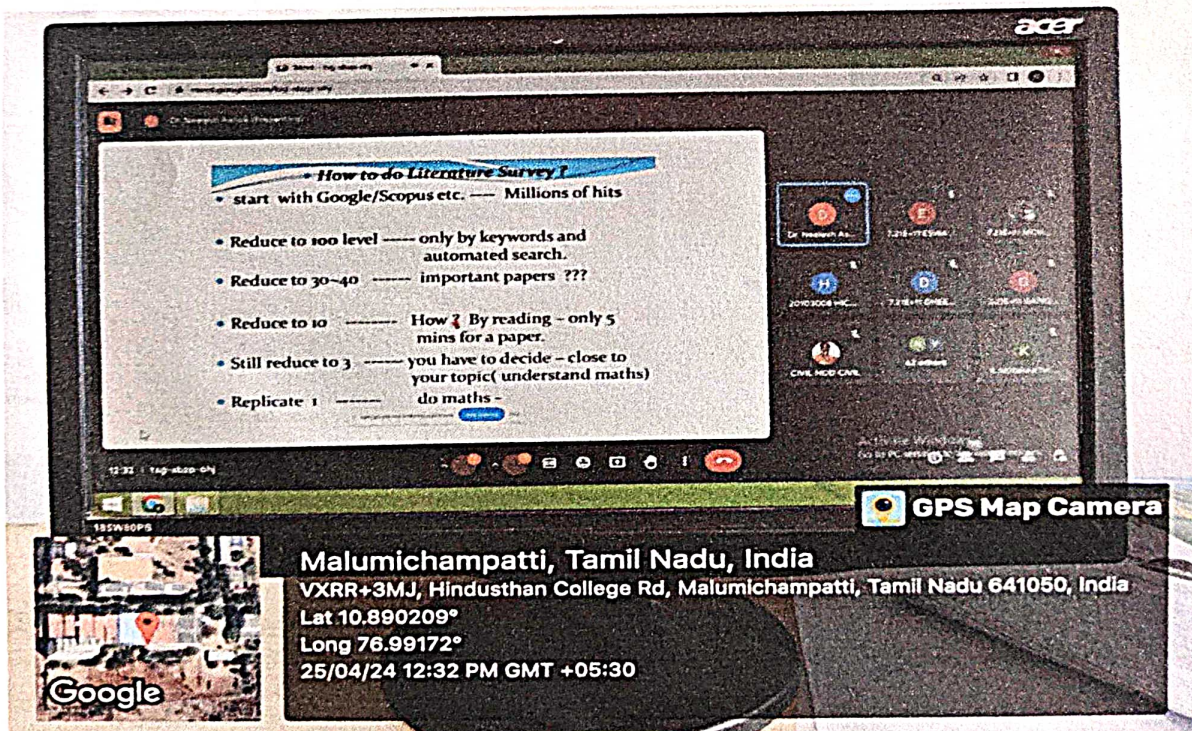
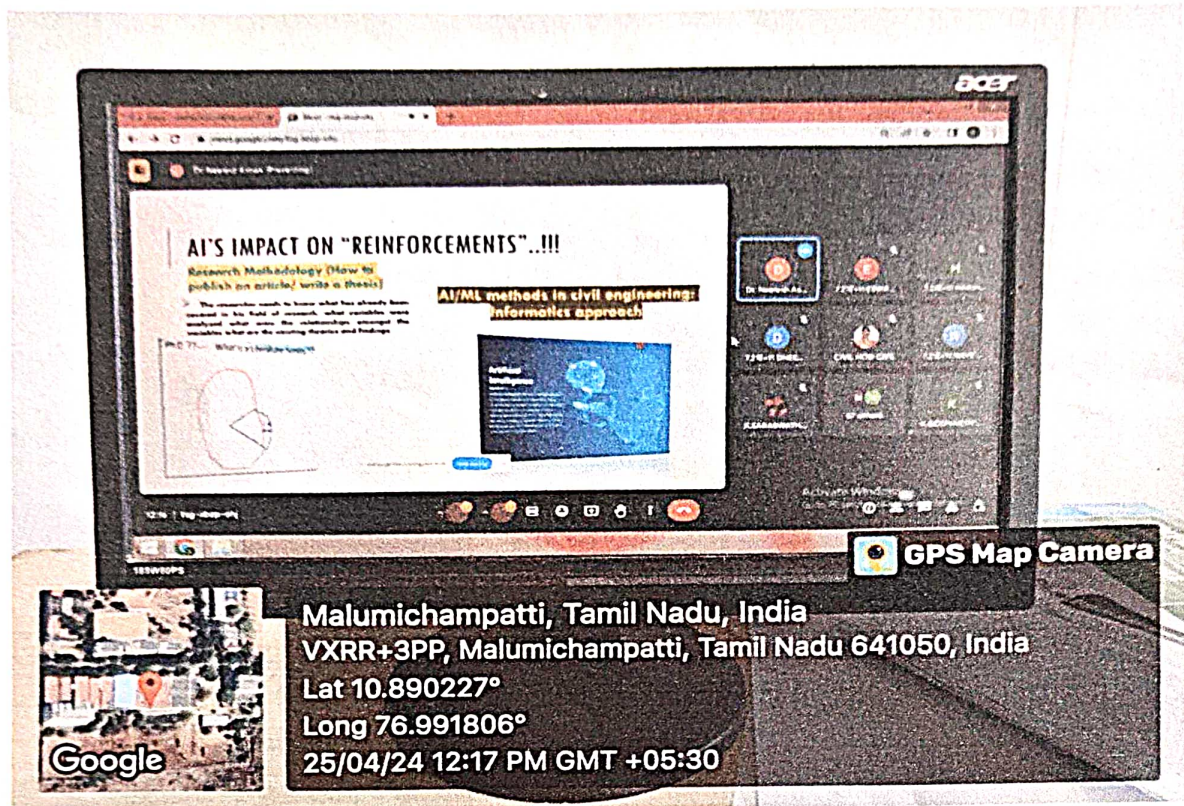
Dr. K. Akil
Professor & HoD
Civil Engineering

PATRONS

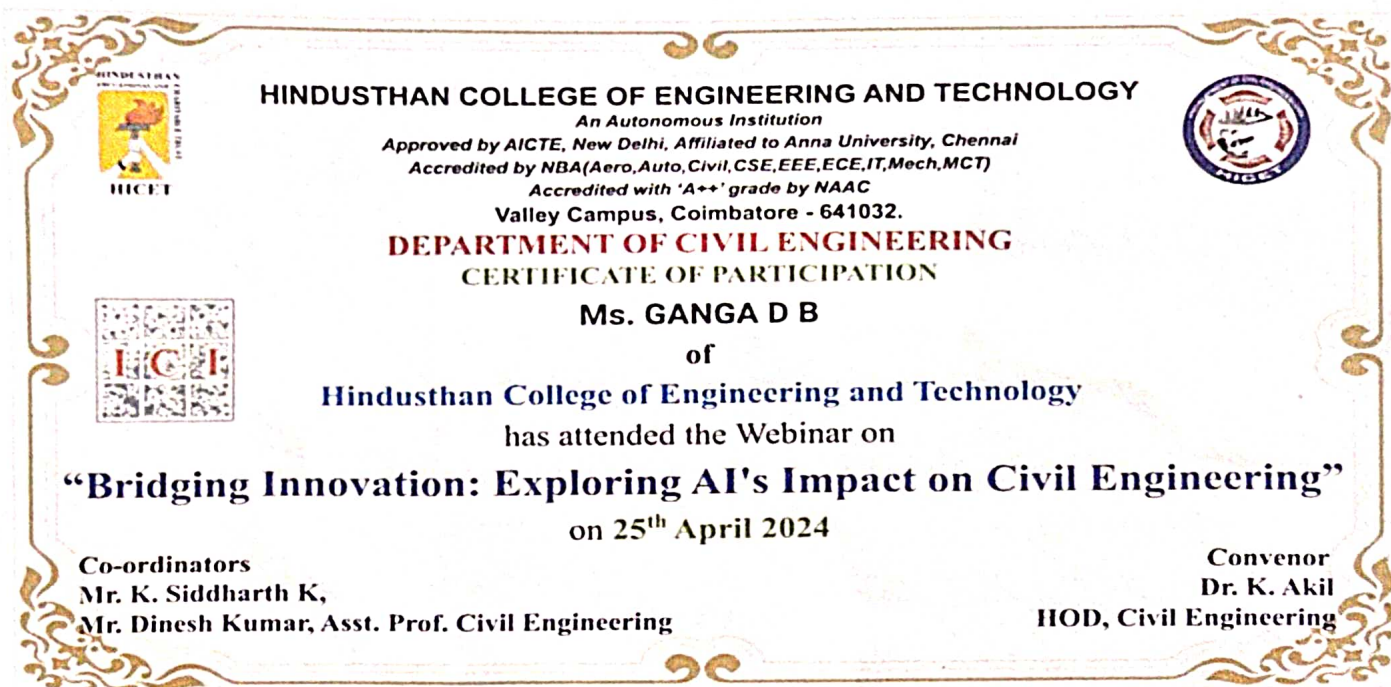
Dr. J. Jaya
Principal

Dr. K. Karunakaran
CEO

Photographs of Event – 2 Nos:



Copy of the Participation/Issue Certificate:





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www.hicet.ac.in

REPORT FOR WEBINAR

Name of the Faculty : Siddharth K	
Department : Civil Engineering	Designation : Assistant Professor
Name of the Event: Webinar on "Urban Growth Modeling and its Implication on Climate using GeoSpatial Data"	
Level : College Level	
Mapping with UN SDGs:	
SDG 3: Good health and well-being	
SDG 4: Quality education	
SDG 6: Clean water and sanitation	
SDG 13: Climate action	
Venue / Mode: HiCET/ Online Mode	
No. of Days : 1/2	Date : 11.05.2024
Funded by : -	
No. of Participants : 67	Registration charges (if any) : Nil
Name and Designation of Resource Person(s) : - Dr. Vinayak Bhanage, Assistant Professor, Hiroshima University, Japan	
Outcome : 1. The participants gained knowledge on modelling of Urban growth using spatial data and how it impacts the climate.	
Remarks and Feedback on the Event: 1. The overall feedback of the webinar was good and the participants had no issues in attending the program	
Plan of Implementing in HiCET (if any) :-	
Signature of the Faculty	HoD
	Principal

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Coimbatore-641032



DEPARTMENT OF CIVIL ENGINEERING

Organizes a Webinar on

Urban Growth Modeling and its Implications on Climate using Geospatial Data



Resource Person



Dr. Vinayak Bhanage

Assistant Professor
Hiroshima University
Japan

Date & Time



**May 11, 2024
Saturday**



3 PM to 4 PM

Scan to Join



<http://meet.google.com/fss-toyy-bkt>

CO-ORDINATORS

Mr. K. Siddharth
Assistant Professor
Civil Engineering

Mr. R. Poomalai
Assistant Professor
Civil Engineering

CONVENOR

Dr. K. Akil
Professor & HoD
Civil Engineering


PATRONS

Dr. J. Jaya
Principal

Dr. K. Karunakaran
CEO

Photographs of Event – 2 Nos:

Concept of Remote Sensing



Student X

Student X observed that:

1. In front of our departmental Building, snow has accumulated.
2. Few cars are in the parking lot.
3. Compared to grass, minimal snow has been noticed over the built-up.
4. Other details (colors, texture, shape, association), etc.

Student X is obtaining the information about objects, phenomenon, area through his eyes that is not in contact with the object area and phenomenon.

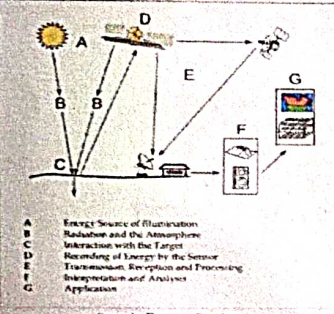
Sun: Source of Energy
Eyes: Sensor
Body of the student: platform for the sensor (eyes)

Remote Sensing: The science technology and art for obtaining information about object, area or phenomenon through the analysis of the data acquired by device that is not in contact with it. (Lussell & Rundquist, 1987)

GPS Map Camera

Malumichampatti, Tamil Nadu, India
2/554, balaji nagar, malumichampatti po, Settupalayam, Malumichampatti, Tamil Nadu
641050, India
Lat 10.900946°
Long 76.997247°
11/05/24 03:54 PM GMT +05:30

Remote Sensing Processes



1. **Energy Source or Illumination (A)** - the first requirement for remote sensing is to have an energy source which illuminates or provides electromagnetic energy to the target of interest.
2. **Radiation and the Atmosphere (B)** - as the energy travels from its source to the target, it will come in contact with and interact with the atmosphere it passes through. This interaction may take place a second time as the energy travels from the target to the sensor.
3. **Interaction with the Target (C)** - once the energy makes its way to the target through the atmosphere, it interacts with the target depending on the properties of both the target and the radiation.
4. **Recording of Energy by the Sensor (D)** - after the energy has been scattered by or emitted from the target, we require a sensor (remote - not in contact with the target) to collect and record the electromagnetic radiation.
5. **Transmission, Reception, and Processing (E)** - the energy recorded by the sensor has to be transmitted, often in electronic form, to a receiving and processing station where the data are processed into an image (hardcopy and/or digital).
6. **Interpretation and Analysis (F)** - the processed image is interpreted, visually and/or digitally or electronically, to extract information about the target which was illuminated.
7. **Application (G)** - the final element of the remote sensing process is achieved when we apply the information.

Steps in Remote Sensing
(Source: www.arcgis.com)

GPS Map Camera

Malumichampatti, Tamil Nadu, India
2/554, balaji nagar, malumichampatti po, Settupalayam, Malumichampatti, Tamil Nadu
641050, India
Lat 10.900946°
Long 76.997247°
11/05/24 03:56 PM GMT +05:30



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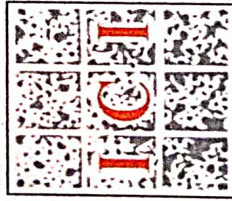
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Valley Campus, Coimbatore - 641032.

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF PARTICIPATION



Mr. Vignesh R

of

Hindusthan College of Engineering and Technology

has attended the Webinar on

“Urban Growth Modelling and its Implication on Climate using GeoSpatial Data”

on 11th May 2024

Co-ordinators

Mr. K. Siddharth K,

Mr. Poomalai R, Asst. Prof. Civil Engineering

Convenor

Dr. K. Akil

HOD, Civil Engineering