



**DEPARTMENT OF CIVIL ENGINEERING**  
**DELHI TECHNOLOGICAL UNIVERSITY**  
(Formerly Delhi College of Engineering)  
Shahbad Daulatpur, Bawana road, Delhi 110042

**4.5.1. Professional Societies/Chapters and organizing engineering events**

S.No.	Professional Society/Chapters	Details
1.	IASTRUCTE DTU Student Chapter	IAStructEDTU student chapter was started in Jan 2020; the chapter is consistently encouraging its objective of "PROMOTING THE INTERESTS AND ENHANCE THE STATUS OF THE STRUCTURAL ENGINEERING PROFESSION IN INDIA" among our fellow students. The IAStructE DTU Student Chapter with its motto of "Learning Should Not Stop" had successfully organized many online webinars, training, etc.
2.	SCEE-DTU	To provide practical and innovative paths of learning in the field of civil and Environmental engineering. The society works to provide its members with a plethora of opportunities to participate in events related to bestowing practical knowledge in the field of civil & environmental engineering.

Head, Deptt. of Civil Engineering  
Delhi Technological University  
Govt. of NCT of Delhi  
(Formerly Delhi College of Engg.)  
Shahbad Daulatpur, Bawana Road,  
Delhi-110042



Events organized (2020-21)					
S. No.	Society	Event	Date	No. of attendees	Level
1.	IASTRUCTE DTU	Webinar on "Long Span Bridges: Past, Present & Future"	30 <sup>th</sup> April 2020	120	National
2.		Webinar on "Non-Destructive Evaluation Techniques"	19 <sup>th</sup> June 2020	170	National
3.		Hands on Practice "STAAD PRO V8i Software"	18 <sup>th</sup> and 25 <sup>th</sup> August 2020	15-20	National
4.		Truss Bridge Making Competition		14	National
5.		Lecture on "Challenges being faced for design of Industrial structures and way forward"		50	National
6.		Webinar on "Bridge Engineering-Recent Advances"	30 <sup>th</sup> May 2020	50	National
7.		Webinar on "Simplified/Detailed Vulnerability Assessment of Lifeline Buildings and Seismic Retrofit Strategies"	23 <sup>rd</sup> May 2020	50	National

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10/24/24, 7:07 AM

Delhi Technological University Mail - IAstructE Outstanding Student Chapter Award (2022-2023) - RESULT



Shilpa Pal <shilpapal@dtu.ac.in>

## IAstructE Outstanding Student Chapter Award (2022-2023) - RESULT

INDIAN ASSOCIATION OF STRUCTURAL ENGINEERS <iastucte@gmail.com>

Mon, Jul 29, 2024 at 5:30 PM

To: Shilpa Pal <shilpapal@dtu.ac.in>, "P. Pravin Kumar Venkat Rao" <pravin.kumar@iiit.ac.in>, Dhara Shah <dharashah@cept.ac.in>, Vijaykumar Panchal <vrp.svit@gmail.com>, Nirpex Patel <nirpexpatel.cv@charusat.ac.in>

Dear Sir/Madam,

This is with reference to the Outstanding Student IAstructE Student Chapter Award for the academic year 2022-23.

The IAstructE Awards Committee has diligently reviewed the activity reports of the student chapters and made their recommendations. The Governing Council of IAstructE has accepted these recommendations, and it is with great pleasure we announce that the following Student Chapters have been adjudged as the winners of the Outstanding Student Chapter Award for the academic year 2022-23.

- IAstructE - DTU Student Chapter
- IAstructE - IIIT Hyderabad Student Chapter

The Governing Council congratulates DTU and IIIT Hyderabad Student Chapters for winning this honor.

The Governing Council also expressed appreciation for the activities organized by the CEPT and the Charusat Student Chapters in 2022-2023 and expressed hope that they would continue this trend.

We are further pleased to inform you that IAstructE is organizing an awards ceremony on November 10, 2024, to recognize all the winners during the StructE NatCon 2024, the National Conference on Futuristic Structural Engineering, to be held on November 8-10, 2024, at PHD House, New Delhi. The Conference Brochure giving more details about the activities, event program is attached herewith. For more details please visit the conference website: <https://structenatcon.com/>.

You are requested to kindly block the date and make it convenient to attend the event. Please also note that you will have to make your own arrangements for travel and accommodation at your convenience.

Best wishes,

Prof. R. Pradeep Kumar  
President, IAstructE

Indian Association of Structural Engineers  
K-69 A, Basement, Kalkaji, New Delhi 110019  
Tel: (011) 45794829  
Email: [iastucte@gmail.com](mailto:iastucte@gmail.com)

<https://mail.google.com/mail/u/0/?ik=9945da61a4&view=pt&search=all&permmsgid=msg-f:1805914682546580060&simpl=msg-f:1805914682546580060>

1/2



10/24/24, 7:07 AM

Delhi Technological University Mail - IAStructE Outstanding Student Chapter Award (2022-2023) – RESULT

Website: [www.iastructe.co.in](http://www.iastructe.co.in)



**StructE NatCon 2024 Brochure.pdf**  
3713K

<https://mail.google.com/mail/u/0/?ik=9945da61a4&view=pt&search=all&permmsgid=msg-f:1805914682546580060&simpl=msg-f:1805914682546580060>





# IASTRUCTE DTU

"LEARNING NEVER STOPS"

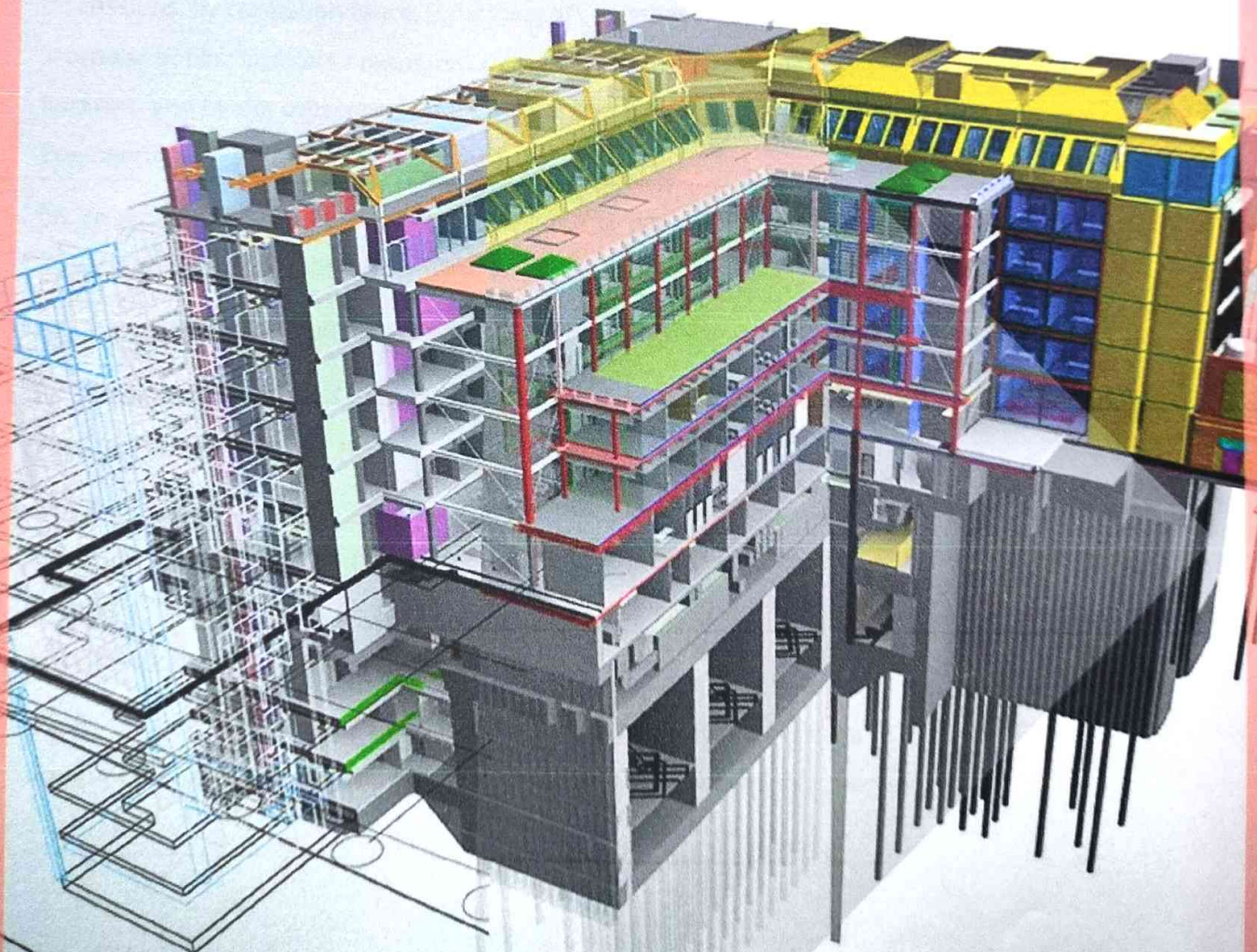




# IA StructE-DTU

## ANNUAL REPORT

### 2020-21





# Aim & Objectives

01. To promote the general advancement of the science and practice of Structural Engineering in India.
02. To promote the interests and enhance the status of the Structural Engineering profession in India.
03. To represent the Structural Engineering profession within India and abroad.
04. To promote professional interests, rights and privileges of Structural Engineers.
05. To facilitate exchange of information relating to Structural Engineering among its members and to spread knowledge and information connected with Structural Engineering by arranging lectures / discussions, by correspondence, by holding of conferences, by the publication of papers/periodicals / journals/ books/ circulars / maps, etc, by encouraging research work, by the formation of a library or libraries, and by the collection of models/ designs/ drawings / other articles of interest in Structural Engineering.
06. To provide facilities for working professional structural engineers to upgrade their knowledge as well as their analytical skills and design skills.
07. To arrange Refresher/Continuing Education Courses for working/practicing structural engineers.
08. To organize lectures to expose working/practicing structural engineers to the latest developments in Structural Engineering.
09. To give the Parliament, the State Legislatures, the Government of India, the State Governments, the Municipal Corporations and other public bodies, facilities for conferring with and ascertaining the views of Structural Engineers as regards matters directly or indirectly affecting engineering, and to confer with any of these bodies and others.
10. To sponsor research on problems relevant to Structural Engineering or make grants of money, books, equipments for promoting education and research in Structural Engineering.



# Message from the Faculty Advisor

Dear students,

Greetings!!



I hope you and your families are keeping safe during these difficult times.

IAStructEDTU student chapter was started in Jan 2020; the chapter is consistently encouraging its objective of "PROMOTING THE INTERESTS AND ENHANCE THE STATUS OF THE STRUCTURAL ENGINEERING PROFESSION IN INDIA" among our fellow students. But, due to the prevalent scenario of Covid Pandemic, a lot had suffered. But, IAStructE DTU Student Chapter with its motto of "Learning Should Not Stop" had successfully organized many online webinars, training etc.

You will be happy to know that from March 2021-22, new executive committee has been installed with Mr. Aman Pawar as Convener, Ms. Jhanvi Singh as Treasurer and Mr. Harsh as Executive Member as per the guideline of IAStructE.

I take this opportunity to thank the student executive committee of the term March 2020-21, Mr. Salil Jha served as convener, Mr. Ishant Singhal as Treasurer, Avinash Jha & Devashish Gupta as Executive Member. They have worked hard to successfully organize online event in the pandemic times.

Looking forward to your active participation and support to make the IAStructE DTU student chapter a truly nationwide representative

Best regards

Dr. Shilpa Pal  
Faculty Advisor



## Message from the Executive Committee (2020-21)



**Mr. Salil Jha  
(Convener)**



**Mr. Ishant Singhal  
(Treasurer)**



**Mr. Avinash Jha  
(Executive Member)**



**Mr. Devashish Gupta  
(Executive Member)**

Dear Members,

Greetings!

We consider ourselves privileged enough to be a part of the first-ever student council of the DTU's student chapter of IASTRUCTE, which is also a third of its kind nationwide. In just a short span of time which also saw the unprecedented pandemic midway, we have made significant strides by organizing several webinars, workshops and, even competitions that saw an enthusiastic response, not only from DTU but also from several other colleges nationwide. We would like to thank the Hon'ble Faculty Advisor and fellow Council Members for their constant support throughout the calendar year. With this note, I would like to congratulate the newly chosen council members and would wish for a very happening and prosperous academic year ahead for the student chapter.

Best Regards"



# Message from the Editors



**Mr. Aman Pawar**



**Ms. Janhavi Singh**



**Mr. Harsh Goyal**

Greetings!

Pandemics may have caused our spirits to deter to some extent but it can't be faded into Oblivion. The best of the works in the field of science and technology have emerged in the times of lockdown where ignited minds got their time to ponder over the things which they could not in the daily Hustle and bustle which life brings.

We have been blessed with the guidance of our faculty coordinator Dr Shilpa Pal and other faculty members at civil engineering department at Delhi Technological University, in collaboration with Indian Association of structural engineers, who have not left any stone unturned which could help the students in being the best version of themselves.

The pause button which we all in the world are facing at this point of time can be considered as one of the greatest dooms we have faced till now.

What stands as an opportunity here is the time we have got for ourselves. Let us use it to make something constructive. Being in the collaboration of Indian Association of structural engineers, brings us the opportunity to make this far fledged idea to be the reality. The industry leaders in the field of civil engineering and structural engineering have gathered together at this field and are willing to help us gain more knowledge, by making us the local chapter.

We being the local chapter, of a planned a series of events, lectures, trainings, interactive sessions and internships, which get to us the learnings of best in class Technologies used in Civil engineering. We have made efforts to bridge the gap between the theoretical knowledge and the practical field experience.

Gear up, dust up the stagnation, and join us in the series of events that the local chapter of IAStructe brings.

Regards





## Indian Association of Structural Engineers

K-69 A, Basement, Kalkaji, New Delhi 110019  
Tel:(011) 45794829; E-mail: [iastructe@gmail.com](mailto:iastructe@gmail.com);  
Web: [www.iastructe.co.in](http://www.iastructe.co.in)

**The Science of Structural Engineering deals with the Analysis and Design of Buildings & Structures, so as to make them safe for occupation and use during their estimated lifetime and projected usage. For this requirement, Structures need to be designed to cater for known Natural hazards e.g. floods, Storms, Cyclones, Snow, Earthquakes, etc as applicable and as stipulated by Bureau of Indian Standards for various locations all over the Country .**

<https://www.facebook.com/IAStructE-1702347580065625/>

<https://twitter.com/iastructe>

<https://www.linkedin.com/groups/6646248/>

[https://www.youtube.com/channel/UCvv7ojXO9Dxq1WtP\\_yHZTKw](https://www.youtube.com/channel/UCvv7ojXO9Dxq1WtP_yHZTKw)

<http://www.iastructe.co.in/index.php>





# Long Span Bridges : Past, Present & Future



ON:-30<sup>th</sup> APRIL 2020

## WEBINAR ON **LONG SPAN BRIDGES- PAST, PRESENT & FUTURE**



FROM:-11:00 AM-12:00 NOON

**REGISTRATION LINK- [tiny.cc/IAStructEWebinar1](https://tiny.cc/IAStructEWebinar1)**

*Details will be mailed to the registered participants*

*Last Date for Registration: 29<sup>th</sup> APRIL 2020*

### **SPEAKER:**

**Shri. ALOK BHOWMICK (ALUMNI, DCE)**

**PRESIDENT IAStructE**

**MANAGING DIRECTOR (B&S ENGINEERING WORKS PVT. LTD)**

### **ORGANISED BY:-**

**INDIAN ASSOCIATION OF STRUCTURAL ENGINEERS STUDENT CHAPTER DTU**

**CIVIL ENGINEERING DEPARTMENT**

**DELHI TECHNOLOGICAL UNIVERSITY**

**ADVISOR: Prof. NIRENDRA DEV**

**FACULTY COORDINATOR: Dr. SHILPA PAL**

**STUDENT COORDINATORS :SALIL JHA:-9910234582 ,DEVASHISH GUPTA:-8860553842**

**The Indian Association of Structural Engineers, IAStructE-DTU Chapter, conducted a webinar on the topic Long Span Bridges: Past, Present and Future yesterday.**

**The session was presided by Mr. Alok Bhowmick (President IAStructE and Managing Director of B&S Engineering Consultants Pvt Ltd.), who is himself an alumnus of DCE.**

**The session saw a participation of more than 120 participants which includes students, faculty members of DTU and also some people from the industry.**

**We would like to thank hon'ble faculty advisor Dr. Shilpa Pal for her support throughout the event and also congratulate the whole team of IAStructE-DTU for the successful conduct of the first ever webinar of the DTU chapter.**



# Non Destructive Evaluation Techniques

**WEBINAR ON**  
**NON-DESTRUCTIVE EVALUATION TECHNIQUES**  
**(NDET) FOR QUALITY ASSURANCE &**  
**MANAGEMENT OF STRUCTURES**

**DATE:- 13<sup>th</sup> JUNE 2020**  
**TIME:- 3:00 PM TO 4:00 PM**

**REGISTRATION LINK:- <https://bit.ly/30tPzLU>**  
**REGISTER BY 18<sup>th</sup> JUNE 2020**  
**E-CERTIFICATES WILL BE GIVEN**

**SPEAKER:**  
**Er. SANJAY SINGH GAHARWAR**  
**Sr. Pr. SCIENTIST, CSIR-CRRI, NEW DELHI**



**ORGANISED BY:-**  
**IAStructE STUDENT CHAPTER DTU**  
**DEPARTMENT OF CIVIL ENGINEERING, DELHI TECHNOLOGICAL UNIVERSITY**



**ADVISOR: Prof. NIRENDRA DEV**  
**FACULTY COORDINATOR: Dr. SHILPA PAL**  
**STUDENT COORDINATORS: SALIL JHA:-9910234582, DEVASHISH GUPTA:-8860553842**



- IAStructE Student Chapter-DTU conducted its second webinar in June 2020 on the topic 'Non Destructive Evaluation Techniques (NDET) for Quality Assurance & Management of Structures'. The webinar was chaired by Mr. Sanjay Singh Gaharwar, Senior Principal Scientist at CSIR-Central Road Research Institute, Delhi.
- The session saw a record participation of more than 170 unique participants, which includes Civil Engineering students, faculty members from around 15 colleges and also some working professionals.
- The List includes DTU, IIT Guwahati, VNIT Nagpur, NIT Silchar, CEPT University, GLBITM, GTU, Widya Mataram University Indonesia etc.
- On the basis of the feedback received, the session was given a net rating of 9.2/10.



# Hands on Practice STAAD PRO



**HAND ON PRACTICE**  
**STAAD.Pro V8i Software**

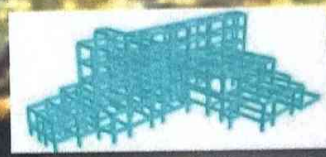

Restricted to registered student members only

Expert:  
**Mr. DEVWRAT YADAV**  
Assistant Manager, GR Infraprojects Ltd.

DAY I - 4-5pm, 18/08/2020  
DAY II - 4-5pm, 25/08/2020

Student Coordinators  
• SALIL JHA- 9910234582  
• DEVASHISH GUPTA- 8860553842

Advisor: Prof. Nirendra Dev  
Faculty Coordinator: Dr. Shilpa Pal

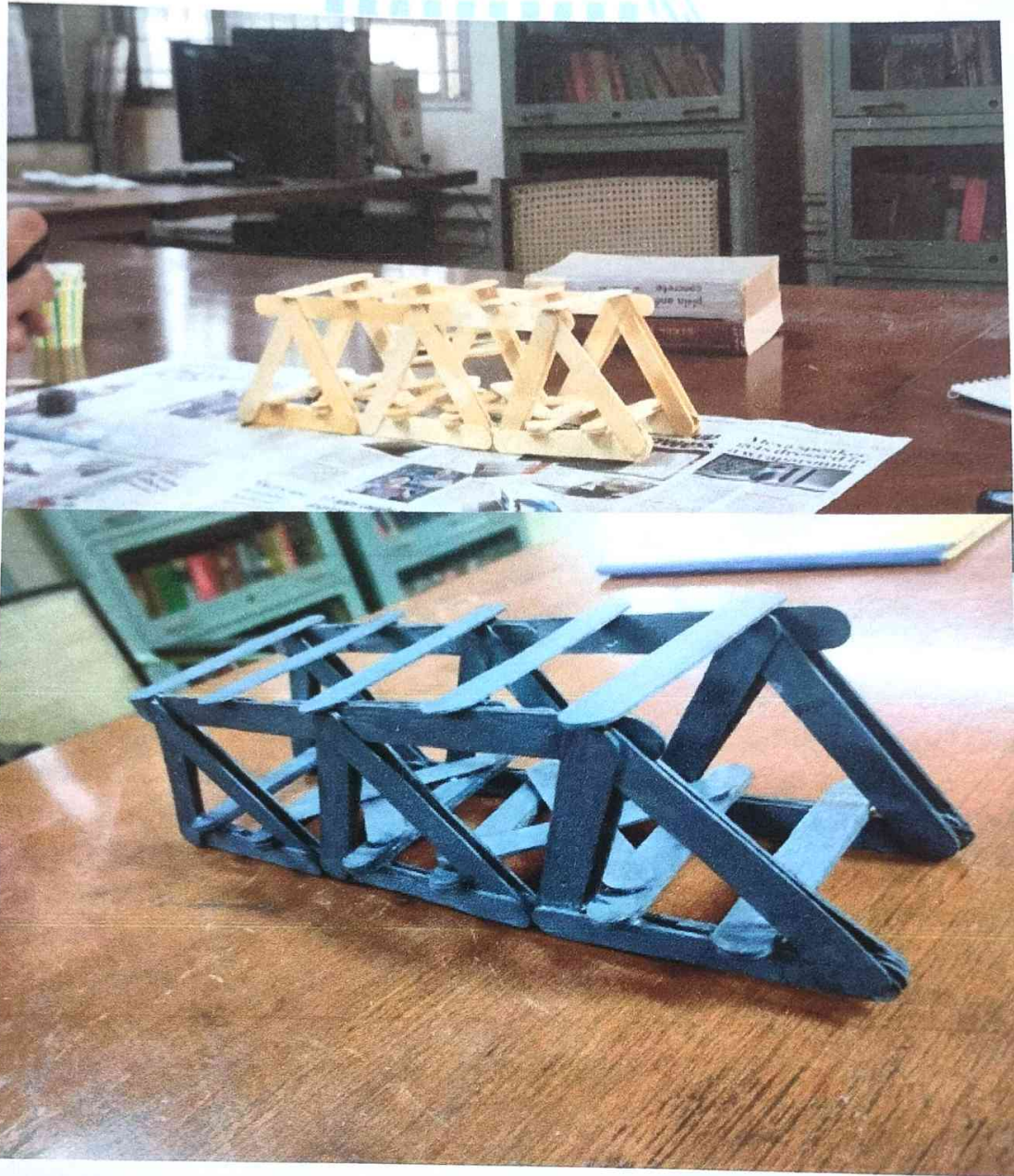


ORGANISED by:-  
IAStructE STUDENT CHAPTER DTU, DEPARTMENT OF CIVIL ENGINEERING  
DELHI TECHNOLOGICAL UNIVERSITY

IAStructE DTU Conducted Webinar on Hands on Practice on STAAD PRO for 2 days by Mr. Devwrat Yadav, Assistant Manager, GR Infraprojects Ltd. The principle objective of this project was to analyze and design a multi-storied building [G + 2 (3 dimensional frame)] using STAAD Pro. The design involved load calculations manually and analyzing the whole structure by STAAD Pro. The design methods used in STAAD-Pro analysis are Limit State Design conforming to Indian Standard Code of Practice. STAAD.Pro features a state-of-the-art user interface, visualization tools, powerful analysis and design engines with advanced finite element and dynamic analysis capabilities, from model generation, analysis and design to visualization and result verification. The programme saw 15-20 registered members on both the days.



# Truss Bridge Making Competition



## •TRUSS BRIDGE MAKING COMPETITION:

*The competition saw a Participation of 4 teams and a total of 14 students from CE 2nd year.  
Some pics of the models submitted:*



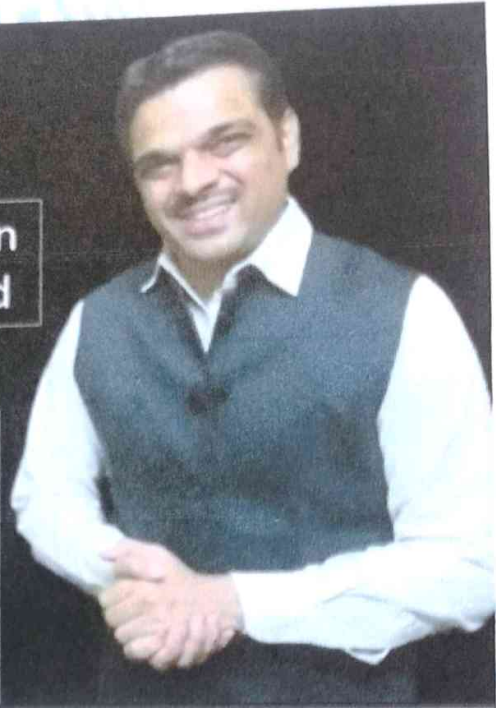
# Challenges being faced for design of Industrial Structures & way forward

Welcome to Live Facebook session  
organized by IAStructE!

Topic : Challenges being faced for design  
of Industrial structures and way forward

#### Brief about speaker

Bhavin Shah : 19 years of sound experience in Structural Engineering in industrial structures of Oil & Gas, Power (thermal & renewable), manufacturing industries, etc. Worked with L&T and Adani group. At present, working as CEO at VMS (Ahmedabad). He is governing council member of IAStructE and chairman of Gujarat State center of IAStructE.



IAStruct-E had arranged a live Facebook session regarding “Challenges being faced for design of Industrial structures and Way-forward”. Industrial structures are highly irregular structures since there may be abrupt variation of mass and stiffness to meet the functional requirements. Hence, earthquake resistant design for industrial structures is one of the important area. IS Codes related to earthquake resistant design have been revised recently which has resulted in few practical difficulties while implementation of new standards. In the session, we will discuss such important clauses from different IS codes (IS 800 : 2007, IS 1893 (Part 4):2015, IS 1893 (Part 1):2016 & IS 13920:2016) from the perspective of Industrial structures.



# Other Events Organized by IAStructE Include:



**Indian Association of Structural Engineers**

Cordially invites you  
for a **WEBINAR** on

**BRIDGE ENGINEERING - RECENT ADVANCES**

On 30th May 2020 Saturday 3.00 PM To 04:30 PM

By



**Prof Mahesh Tandon**

*Past President IAStructE & Managing Director, Tandon Consultants Pvt Ltd*

**REGISTRATION LINK**

<https://event.webinarjam.com/register/18/10r2qsv>

**Contact person:**

Dr. Anal Sheth; [anal.iastructe@gmail.com](mailto:anal.iastructe@gmail.com), 9512180234

**WEBINAR**



 **SOFISTiK**

 **Force**  
Structural Engineers  
Savvy. Efficient. Reliable.

**Prateek  
Jain**



**Guido  
Altersberger**



**Yaman  
Wadhvani**



**Parametric Design of Metro Bridges**

JUNE 4, 2020 - 14:30 IST

[www.sofistik.com](http://www.sofistik.com)



# Other Events Organized by IAStructE Include:



## Indian Association of Structural Engineers

Cordially invites for a WEBINAR ON

**SIMPLIFIED / DETAILED VULNERABILITY ASSESSMENT OF  
LIFELINE BUILDINGS AND SEISMIC RETROFIT STRATEGIES**

by

**Dr. Ajay Chourasia**

*Sr. Principal Scientist & Prof. (AcSIR)*

*Group Leader, 3D Concrete Printing*

*Structural Engineering Group*

*CSIR-Central Building Research Institute*

on

**23<sup>rd</sup> May 2020, Saturday 04:00 PM To 05:30 PM**



**REGISTRATION LINK**

<https://event.webinariam.com/register/19/krmx0sn>

Contact person: Dr. Anal Sheth | [anal.iastructe@gmail.com](mailto:anal.iastructe@gmail.com) | 9512180234

**Buildings with very low scores are then investigated in detail. Based on observations and expert opinion it is that vulnerability assessment of the buildings in a target area can be updated after the retrofitting or strengthening of buildings**



# Time-line of Events

- **20th January 2020:** Owing to the fruitful efforts of hon'ble Faculty Advisor Dr. Shilpa Pal and also the first student council of the chapter, The Indian Association of Structural Engineers, identified as IAStructE formally opened a student chapter in Delhi Technological University (Formerly DCE), a third of its kind in the country.
- **27th January 2020:** All the society members are mailed their respective Membership certificates via the national body of IAStruct-E.
- **28th January 2020:** The first-ever student council of IAStruct-E student chapter DTU is officially announced and also social media handles were started to ramp up the presence of the chapter in the university circles.
- **3 February 2020 :** **TRUSS BRIDGE MAKING COMPETITION** is announced for 2nd Year B.Tech CE students by IAStruct-E DTU.
- **6 February 2020 :** A total of 5 teams successfully register for the competition.
- **20 February 2020 :** A total of 4 models are finally received for testing with the participation of a total of 14 members from 4 teams of 2nd Year CE students. The testing was originally scheduled to be held in March after the mid semester break. Unfortunately due to the unprecedented outbreak of the COVID-19, the result of the competition couldn't be declared as testing had to be postponed & the proposed inauguration ceremony of society couldn't be held.
- **March 2020:** Inauguration Ceremony of the chapter was proposed in the first week, but couldn't be held due to the outbreak of COVID-19 later on.
- **20 April 2020:** It was decided that the student chapter will conduct a series of online webinars on related topics. All the registered members were asked for suggestions for the same.
- **26 April 2020:** A workforce team was constituted by the student council consisting of interested 2nd year CE students which was to help in the execution of online events.
- **27 April 2020:** The first webinar was announced on the topic: **Long Span Bridges: Past, Present & Future which was to be presided by Sh. Alok Bhowmick sir (DCE Alumnus and IAStructE President).**
- **30 April 2020:** The Webinar was successfully conducted with active participation from students.



- **15 May 2020 - 20 May 2020:** All the eligible participants (100+) of the webinar were mailed their certificates during **15 May-20 May**.
- **11 June 2020:** 2nd Webinar on the topic **Non-Destructive Evaluation Techniques (NDET) for Quality Assurance & Management of Structures** was announced.
- **17 June 2020:** A meeting of the Hon'ble Faculty Advisor with the workforce team and active council members was conducted regarding the execution of the webinar.
- **19 June 2020:** The second webinar was successfully conducted with active participation from various colleges.
- **22 June 2020 - 30 June 2020:** All the eligible participants (120+) of the webinar were mailed their certificate of participation during **22 June-30 June**.
- **20 July 2020 - 31 July 2020 :** It was decided by the council upon the advice of the Hon'ble Faculty Advisor, that new members should be added to the chapter. Accordingly, recruitment was publicized and member application forms were sent for the further process.
- **11 August 2020:** A 2 day Hands on Practice Event on **Staad Pro** was announced for all the registered student members of the chapter.
- **18 August 2020:** The Day 1 of the Hands on Practice workshop was successfully conducted.
- **25 August 2020:** The Day 2 of the Hands on Practice workshop was successfully conducted.
- **September 2020:** All the new registered student members were sent their **membership certificates**.





# **IASTRUCTE DTU LEARNING NEVER STOPS**



Events organized (2021-22)					
S. No.	Society	Event	Date	No. of attendees	Level
1.	IASTRUCTE DTU	Lecture on "Health Monitoring of Bridges through Instruments"	10 <sup>th</sup> Oct 2021	70	National
2.		Lecture on "Current Market Trends in Construction with Sustainable Practices for Future"	13 <sup>th</sup> Nov 2021	100	National
3.		Lecture on "Application of Piezo sensors in SHM"	18 <sup>th</sup> Nov 2021	120	National
4.		STAAD PRO Workshop	1 <sup>st</sup> April 2022	20	National
5.		World Earth Day (Activities: Tree plantation Painting and Photography competition)	22 <sup>nd</sup> April 2022	50	National
6.		Training of NDMC Engineers	25 <sup>th</sup> to 27 <sup>th</sup> May 2022	50	National
7.	SCEE-DTU	Envirocity	5 <sup>th</sup> June 2022	450	National
8.		Webinar on "CAT 2022 The Road Ahead"	13 <sup>th</sup> Dec 2021	3000	National
9.		Webinar on "MBA ABROAD The Road Ahead"	12 <sup>th</sup> Feb 2022	3000	National
10		Seminar on A Roadmap to UPSC	25 <sup>th</sup> March 2022	1000	National

Head, Institute of Civil Engineering  
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11.		Symposium on "Infrastructure Development in Post Colonial India: The Road Ahead"	15 <sup>th</sup> Aug 2021	100	National
12.		AutoCAD 2D workshop	5 <sup>th</sup> June 2022	100	National
13.		Gandhi Jayanti	2 <sup>nd</sup> Oct 2021	100	National
14.		Diwali Mela	2 <sup>nd</sup> Nov 2021	100	National
15.		National Environment Youth Parliament 2022	19 <sup>th</sup> Jan 2022	500	National
16.		Seminar on "Climate change and GHG emissions"		100	National
17.		Ecopreneurs - Stride for Sustainable Resolutions under the umbrella of Invictus		100	National

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Indian Association of Structural Engineers



**IASTRUCTE DTU**

# **2021-22 ANNUAL REPORT**

**“LEARNING NEVER  
STOPS”**



## Aim And Objective

01. To promote the general advancement of the science and practice of Structural Engineering in India.
02. To promote the interests and enhance the status of the Structural Engineering profession in India.
03. To represent the Structural Engineering profession within India and abroad.
04. To promote professional interests, rights, and privileges of Structural Engineers.
05. To facilitate the exchange of information relating to Structural Engineering among its members and to spread knowledge and information connected with Structural Engineering by arranging lectures/ discussions, correspondence, holding of conferences, the publication of papers/periodicals/ journals/books/ circulars/maps, etc, by encouraging research work, by the formation of a library or libraries, and by the collection of models/ designs/ drawings/ other articles of interest in Structural Engineering. well.
06. To provide facilities for working professional structural engineers to upgrade their knowledge. as their analytical skills and design skills.
07. To arrange Refresher/Continuing Education Courses for working/practicing structural engineers.
08. To organize lectures to expose working/practicing structural engineers to the latest developments in Structural Engineering
09. To give the Parliament, the State Legislatures, the Government of India, the State Governments, the Municipal Corporations, and other public bodies, facilities for conferring with and ascertaining the views of Structural Engineers as regards matters directly or indirectly affecting engineering, and to confer with any of these bodies and others.
10. To sponsor research on problems relevant to Structural Engineering or make grants of money, books, and equipment for promoting education and research in Structural Engineering.



## Message From The Faculty Advisor



Dear students,

Greetings!!

I hope you and your families are keeping safe during these difficult times. IAStructEDTU student chapter was started in Jan 2020; the chapter is consistently encouraging its objective of "PROMOTING THE INTERESTS AND ENHANCE THE STATUS OF THE STRUCTURAL ENGINEERING PROFESSION IN INDIA" among our fellow students. But, due to the prevalent scenario of the Covid Pandemic, a lot had suffered. But, the IAStructE DTU Student Chapter with its motto of "Learning Should Not Stop" had successfully organized many online webinars, training, etc.

You will be happy to know that from July 2022 to 2023, a new executive committee will be formed after the session starts as per the guideline of IAStructE.

I take this opportunity to thank the student executive committee for the term March 2021-22, Mr. Aman Pawar as Convener, Ms. Jhanvi Singh, Mr. Pritam Chawla, Mr. Ravi Shankar Yadav and Hemant Sing other as Executive members. They have worked hard to successfully organize an online event during the pandemic times.

Looking forward to your active participation and support to make the IAStructE DTU student chapter a truly nationwide representative

Best regards

Dr. Shilpa Pal



## Message From The Executive Committee(2021-22)

Dear Members,

Greetings!

We consider ourselves privileged enough to be a part of the first-ever student council of the DTU's student chapter of IASTRUCTE, which is also a third of its kind nationwide. In just a short span of time which also saw the unprecedented pandemic midway, we have made significant strides by organizing several webinars, workshops and even competitions that saw an enthusiastic response, not only from DTU but also from several other colleges nationwide. We would like to thank the Hon'ble Faculty Advisor and fellow Council Members for their constant support throughout the calendar year. With this note, I would like to congratulate the newly chosen council members and would wish for a very happening and prosperous academic year ahead for the student chapter.

Best Regards"



## Message from the Editors

Greetings!

Pandemics may have caused our spirits to deter to some extent but it can't be faded into Oblivion. The best of the works in the field of science and technology have emerged in the times of lockdown where Ignited minds got their time to ponder over the things which they could not in the daily Hustle and bustle that life brings.

We have been blessed with the guidance of our faculty coordinator Dr. Shilpa Pal and other faculty members at the civil engineering department at Delhi Technological University, in collaboration with the Indian Association of structural engineers, who have not left any stone unturned which could help the students in being the best version of themselves. The pause button which we all in the world are facing at this point in time can be considered one of the greatest dooms we have faced till now.

What stands as an opportunity here is the time we have got for ourselves. Let us use it to make something constructive. Being in collaboration with the Indian Association of structural engineers brings us the opportunity to make this far-fledged idea to be a reality. The industry leaders in the field of civil engineering and structural engineering have gathered together in this field and are willing to help us gain more knowledge, by making us the local chapter.

We being the student chapter, planned a series of events, lectures, pieces of training, interactive sessions, and internships, which get us the learnings of best-in-class technologies used in Civil engineering. We have made efforts to bridge the gap between theoretical knowledge and practical field experience.

Gear up, dust up the stagnation, and join us in the series of events that the local chapter of IAStructure brings.

Regards





## Indian Association of Structural Engineers

K-69 A, Basement, Kalkaji, New Delhi 110019  
Tel: (011) 45794829; E-mail: [iastructe@gmail.com](mailto:iastructe@gmail.com);  
Web: [www.iastructe.co.in](http://www.iastructe.co.in)

The Science of Structural Engineering deals with the Analysis and Design of Buildings & Structures, so as to make them safe for occupation and use during their estimated lifetime and projected usage. For this requirement, Structures need to be designed to cater to known Natural hazards e.g. floods, Storms, Cyclones, Snow, Earthquakes, etc as applicable and as stipulated by the Bureau of Indian Standards for various locations all over the Country.

LinkedIn: [Click Here](#)

Instagram: [Click Here](#)

FaceBook: [Click Here](#)

YouTube: [Click Here](#)





## Health Monitoring of Bridges through Instruments



**IAStructE-DTU Student Chapter**  
Department of Civil Engineering DTU

Presents Lecture on :  
**"Health Monitoring of Bridges through Instrumentation"**



**Speaker : Mr. Ganesh Kumar Sahu, Senior Principal Scientist,  
Bridge Engineering and Structures Div., CSIR - Central Road Research Institute**

Date: 10<sup>th</sup> October 2021  
Time: 12:00 PM - 1:00 PM

Join With : <https://meet.google.com/cxs-zutp-enf>



Faculty Advisor: Dr. Shilpa Pal      Organising Committee: Team IAStructE-DTU

The Indian Association of Structural Engineers, IAStructE-DTU Chapter, conducted a webinar on the topic Health Monitoring of Bridge through Instrumentation. The session was presided by Mr. Ganesh Kumar Sahu (Senior Principle Scientist, Bridge Engineering and Structures Div., CSIR - Central Road Research Institute). The session saw the participation of more than 70 participants includes students, faculty members of DTU, and also some people from the industry. We would like to thank our hon'ble faculty advisor, Dr. Shilpa Pal, for her support throughout the event and also congratulate the whole team of IAStructE-DTU for the successful conduct of the first-ever webinar of the DTU chapter.




## Current Market Trends in Construction with Sustainable Practices for Future.

**IAStructE-DTU Student Chapter**  
Department of Civil Engineering, DTU

 *Presents*  *Lecture On*

*"Current Market Trends in Construction with Sustainable Practices for Future"*

 **Ms Anamika Kadam**  
**Deputy General Manager Civil,**  
**LARSEN & TOURBO**

*Date: 13th November, 2021*  
*Time: 4-5 Pm*  
*Join With: <https://meet.google.com/scg-oxsj-far>*

**Faculty Advisor: Dr. Shilpa pal**  
**Organising committee: Team IAStructE DTU**

The Indian Association of Structural Engineers, IAStructE-DTU Chapter, conducted a webinar on the topic of Current Market Trends in construction with Sustainable Practices for the Future. The session was presided by Ms. Anamika Kadam (Deputy General Manager Civil, LARSEN & TOURBO).. The session saw the participation of more than 100 participants including students, faculty members of DTU, and also some people from the industry.



## Application of Piezo sensors in SHM

**IAStructE-DTU Student Chapter**  
Department of Civil Engineering, DTU



Presents  
lecture  
on the  
topic



**"Application of piezo sensors in SHM"**



**SPEAKER : VISALAKSHI TALAKOKULA**  
PROFESSOR,  
DEPARTMENT OF CIVIL ENGINEERING,  
ECOLE CENTRALE SCHOOL OF  
ENGINEERING,  
MAHINDRA UNIVERSITY

**Date : 18th November, 2021**  
**Time : 4-5 Pm**  
link : <https://meet.google.com/cxs-zutp-enf>

Faculty Advisor: Dr. Shilpa pal  
Organising committee: Team IAStructE DTU

The Indian Association of Structural Engineers, IAStructE-DTU Chapter, conducted a webinar on the topic of the Application of piezo sensors in SHM. The session was presided by Visalakshi Talakokula (Professor, Department of Civil Engineering, ECOLE CENTRALE SCHOOL OF ENGINEERING, MAHINDRA UNIVERSITY). The session saw the participation of more than 120 participants includes students, faculty members of DTU, and also some people from the industry.



## STAAD PRO Workshop

### STAAD PRO BASIC SESSION

IAStructE- DTU Student Chapter is going to organize a session on STAAD Pro.

STAAD Pro is a Structural Analysis & Design Software that is very helpful & is in demand in the Industry.

B.Tech (Civil Engineering) 2nd, 3rd & 4th Year students who are interested can join by filling out the Google Form Link-  
<https://forms.gle/eqbHPiGtv5yQHqUY8>

April 1st, 2022

Venue - TW3-FF3

Time- 2 PM onwards



The basic workshop was conducted for 2nd and 3rd Year Undergraduate students to show the importance of very useful software which is also very important in our current growing industries. The workshop saw the participation of more than 20 participants students.



## World Earth Day



Delhi Technological University



celebrating



### ACTIVITIES

#### TREE PLANTATION

Time : 11:00 am

Venue : Infront of Civil Engineering Department

### COMPETITIONS



#### Painting

Time : 10:00 am - 12:00 noon  
Venue: Pragya Bhavan

##### EVENT DESCRIPTION

- The topic will be given on the spot.
- Participants will be provided with only an A3 sheet.
- Participants are requested to report to the venue by 9:30 am.



#### Photography

Time : 2:00 pm - 4:00 pm  
Venue: DTU Campus

##### EVENT DESCRIPTION

- Participants have to click photographs within the campus.
- The submission is to be done in a PDF format.
- Participants are requested to report at SR Auditorium by 1:30 pm.

Online registration is must.

Register at: <https://forms.gle/Fktv4T6UH5cpHhXb8>



#### ORGANISED BY :

Department of Civil Engineering  
in collaboration with  
Department of Design  
IAStructE DTU Student Chapter

Aman Pawar (+91 84485 24959)

For any queries contact

Nishi Kumar (+91 7065823568)

The Tree Plantation Ceremony Followed by Painting Competition went well. The organization got three Top Winners from Painting Competition. The Painting Competition was based on the theme of Sustainable Energy. After that, the team had a Photograph competition for taking the best photos of Nature. Here are the photographs of the event conducted.







## Training of NDMC Engineers



Training of a total of 50 NDMC Engineers was conducted on the topic of Structural Safety Audit to improve Earthquake Resiliency of Lifeline Building and upcoming construction. Speakers Manoj Mittal, Sangeeta Wij, and Shilpa Pal contributed as speakers in the training programme.







Indian Association of Structural Engineers



**IASTRUCTE DTU**

**“LEARNING NEVER  
STOPS”**







# SCEE-DTU

SOCIETY FOR CIVIL AND ENVIRONMENTAL ENGINEERS

ANNUAL REPORT  
2021-22



The background of the page features a grayscale silhouette of a city skyline, including prominent skyscrapers like the Willis Tower. A white grid with double lines at the corners and a horizontal line near the bottom is overlaid on the image.

# **OUR MISSION**

**TO PROVIDE PRACTICAL AND INNOVATIVE PATHS OF LEARNING IN THE FIELD OF CIVIL AND ENVIRONMENTAL ENGINEERING. THE SOCIETY WORKS TO PROVIDE ITS MEMBERS WITH PLETHORA OF OPPORTUNITIES TO PARTICIPATE IN EVENTS RELATED TO BESTOWING PRACTICAL KNOWLEDGE IN THE FIELD OF CIVIL & ENVIRONMENTAL ENGINEERING.**

**SCEE-DTU**





## **Prof. A.K. Srivastava**

**FACULTY ADVISOR, SCEE-DTU**

**DEAN (OEA)**

**DEPARTMENT OF CIVIL ENGINEERING-DTU**

It gives me great satisfaction to acknowledge that the Society for Civil and environmental engineers has completed its 13th year. SCEE is releasing the annual report to highlight the works accomplished in the academic year 2021-22 for its member. In 2021-22, several events were conducted by SCEE to increase the awareness of Sustainable practice in Engineering. SCEE hosted esteemed personalities, which include Prof. Krishna AchutaRao, Mr. Ratan Chaudhary and other technocrats who shared their diverse experience in their domains which would motivate the current members of SCEE. SCEE frequently arranged field trips, department travels, and industrial visits to acquire first-hand exposure to various technical and industrial procedures. SCEE was able to organise an Educational visit to MGICCC, which saw an overwhelming participation of over 30+ members of the society. With this note, I want SCEE a totally going on and a prosperous academic year ahead.



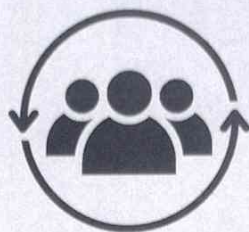
## **Harshit Sharma**

**PRESIDENT, 2020-21**

**COORDINATOR, 2019-20**

**DEPARTMENT OF ENVIRONMENTAL ENGINEERING - DTU**





## ADMINISTRATIVE COUNCIL 2021-22



**Harshit Sharma**  
PRESIDENT



**Karan Arora**  
General Secretary



**Adarsh Chawla**  
Vice President



**Bhagya Jayant**  
Gen Secretary



**Akanksha Vidyarthi**  
Society Coordinator



**Shambhavi Chaturvedi**  
Society Coordinator



**STUDENT COUNCIL  
SOCIETY FOR CIVIL & ENVIRONMENTAL ENGINEERS  
DELHI TECHNOLOGICAL UNIVERSITY**



**HARSHIT SHARMA**      **PRESIDENT**

**Adarsh Chawla**      **Vice President**

**Karan Arora**      **General Secretary**

**Bhagya Jayant**      **General Secretary**

**Akanksha Vidyarthi**      **Society Coordinator**

**Shambhavi Chaturvedi**      **Society Coordinator**



**Agyeya Mishra**      **Jt Coordinator**

**Kushagra Wadhwa**      **Jt Coordinator**

**Shubham Mogha**      **Treasurer**

**Hritwik Anshu**      **ENE Tech Head**

**Kanak Sharma**      **CE Tech Head**



**Vedant Gupta**      **Head, Content & Design**

**Tanmay Raichandani**      **Head, Logistics**

**Amishi Jain**      **Head, Publicity**

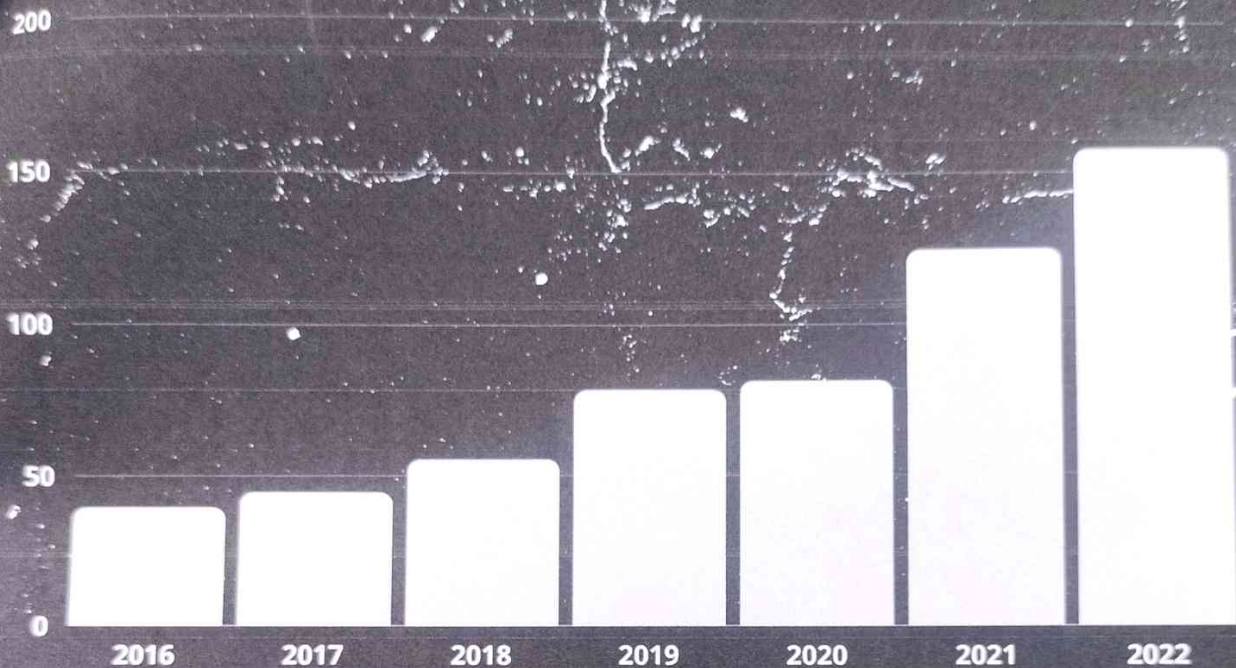
**Vishesh Bisla**      **Head, Corporate**

**Chehak Batra**      **Head, Education**





# THE YEAR IN HINDSIGHT 2021



**150+ Members**



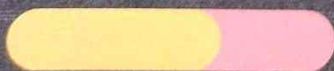
**2400+**  
Members on  
LinkedIn



**4**  
Student Chapters in 3  
states



**17000+**  
Participants in events  
organised



**24%**  
Increase in Members



**32**  
Members from Non-Civil  
and ENE Stream



**17+**  
Guest Lectures,  
Workshops, Seminars &  
Competitions





## INTERNSHIP DIARIES

Internships are an important part of technical education. Quality Internships give practical industry exposure to the students. Internships also help in their placements and groom them for facing the challenges in their professional career. At Society for Civil and Environmental Engineers (SCEE-DTU), we believe that it's our responsibility to help develop the visionary minds of the future generation.

Thus, SCEE-DTU in collaboration with varied organisations has been assisting members of its society in getting internships in both the public as well as the private sector and helping them explore and indulge in research activities.

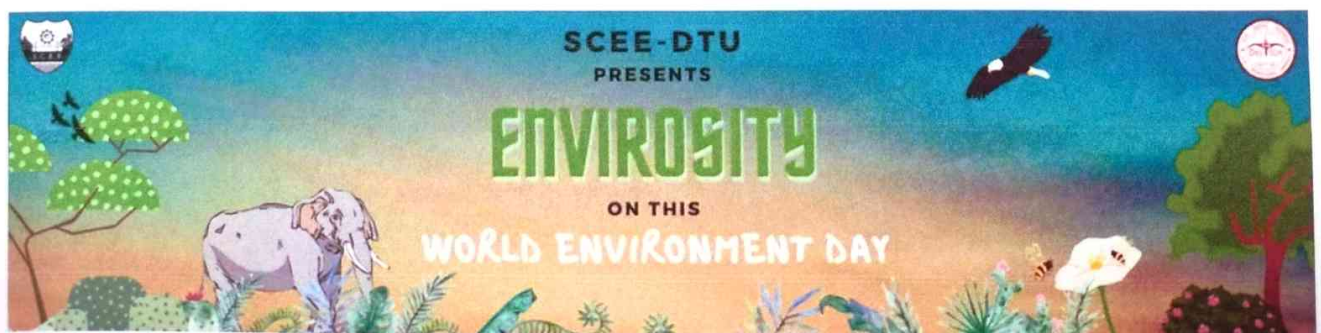
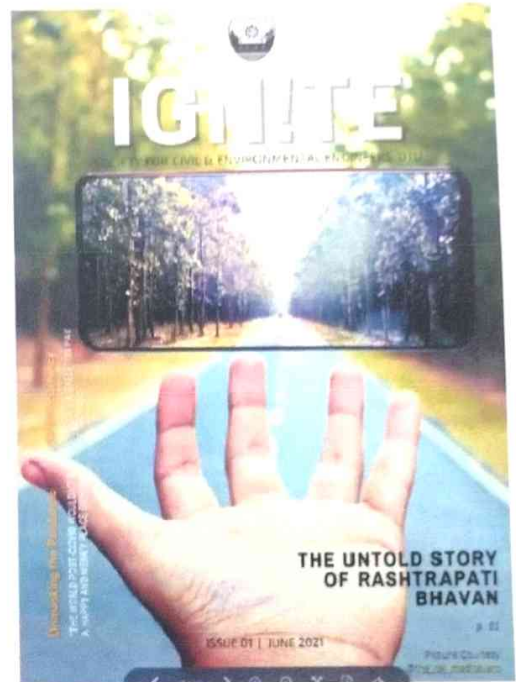




# KICKSTARTING THE YEAR WITH ENVIROSIITY X IGNITE

"Envirosity", a three-tier Quiz & Debate competition held on the occasion of World Environment Day, saw massive participation of 450+ students from across the nation.

We launched the first edition of our magazine, Ignite'21. Ignite is an attempt to celebrate all that has been achieved while listing all that will have to be done to continue celebrating in the future. "Ignite" is a unique work that captures the essence of problem-solving by appreciating all the effort to conjure the ideal solution.





# INDUSTRY INSIGHTS: CAREER GUIDANCE

SCEE-DTU conducted numerous webinars and seminars by professors, industry experts, and researchers all across the year as a part of the "Industry Insights" that aimed to give students exposure to various specializations in the field of civil and environmental engineering. The lectures covered in this series included varied topics like UPSC Civil Services, MBA Abroad: Road Ahead, Management as a Career: Why & How?, Autocad workshop & CAT 2022: The Road Ahead.

These webinars were attended by hundreds of students with a combined attendance of 3000+ and more than 5000 registrations. These webinar series is a landmark because the lectures pulled the attention of DTU students and students from colleges all over the country and even in other countries.

**Career Launcher** In collaboration with

**CAT 2022  
The Road Ahead**  
— A Webinar —

December 13, 2021  
Monday | 10:00 hrs

Speaker  
**Navneet Anand**  
Mentor  
Career Launcher

[bit.ly/3ooPkgk](https://bit.ly/3ooPkgk)

presents

**MBA ABROAD  
The Road Ahead**

Learn from the best in the business

Webinar Live  
12 February 2022  
6:30 pm onwards

Register at  
<http://bit.ly/SCEEWebinar>

[sceedtu](#) [scee@dtu.ac.in](mailto:scee@dtu.ac.in) [www.scee.in](http://www.scee.in)

**Sukrit Chaudhary**  
The Wharton School  
DTU'19

**Aishwarya Mor**  
Duke University  
DTU'14

brings you

**A Seminar  
on  
Roadmap to UPSC ESE**

**Mr. Ujjawal Sharma**  
IPS (AIR 1)  
Batch of 2018

**Mrs. Sweta Gupta**  
SOI  
Batch of 2014

JOIN WITH US ON

25 March 2022, Friday 5 pm onwards

SPS 13, Delhi Technological University

CERTIFICATES TO ALL THE ATTENDEES.

[sceedtu](#) [scee@dtu.ac.in](mailto:scee@dtu.ac.in) [www.scee.in](http://www.scee.in)

**Career Launcher** In Association with

**Management  
as a Career  
Why & How**  
A Webinar

Speaker  
**ARKS Srinivas**  
President & CEO  
MHA Group  
Career Launcher  
Alum, IIM-C

November 26, 2021 (Fri.)  
15:30 hrs

[bit.ly/4tmanagement](https://bit.ly/4tmanagement)



# MOVING FORWARD TO INTERACTION WITH EXPERTS

A myriad of interactive events were held during this period strained by the pandemic with a motive to enrich everyone with something insightful. These events hosted some eminent names like Mr. Sanjay Kumar (Indian Railway Traffic and Service'15) and Operations Manager, Indian Railways and with the likes of personalities like Mr. Ratan S. Chowdhury (Group International Director, Rising). SCEE-DTU successfully provided a platform for the youth to have a vivid and constructive interaction with them. Round the year, we tried to engage the community with something thoughtful at regular intervals with due input from members, seniors and our respectable faculties.

Centre for Extension and Field Outreach & SCEE-DTU Presents  
**Symposium**  
On the occasion of  
**75th Independence Day**

**Infrastructure Development in Post Colonial India: The Road Ahead**

**Mr. Sanjay Kumar**  
Indian Railway Traffic and Service '15  
Operations Manager, Indian Railways

**Mr. Rishabh Gupta**  
Sub Divisional Officer, UPPCL  
Delhi College of Engineering '18

**Prof. Amit Kumar Shrivastava**  
Dean, Outreach Extension & Activities  
Gandhi Technological University

**Mr. Ratan S. Chowdhury**  
Group International Director, Rising Group  
Bachelor of Law, Delhi University

**Mr. Ashok Kumar**  
ITS Officer, BSNL  
MNMIT Allahabad

f SCEE.DTU AUGUST 15TH | 3 PM ONWARDS | PLATFORM: GOOGLE MEET SCEEDTU

**SCEE-DTU**  
IN COLLABORATION WITH  
**KHODIYAR CAD CENTER**  
BRINGS YOU  
**AutoCAD 2D Workshop**

**Mr. Kapil Rathore**  
Application Engg at Khodiyar  
CAD Center  
BE Civil Engg  
Expertise in AutoCAD

**5th June**  
**3pm to 4:30pm**  
**Platform-Google Meet**

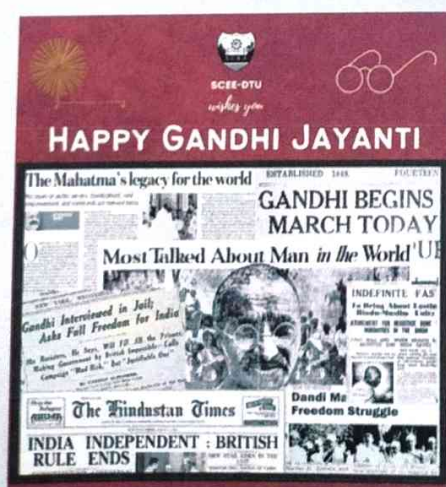




# OFFLINE EVENTS DURING COVID ERA

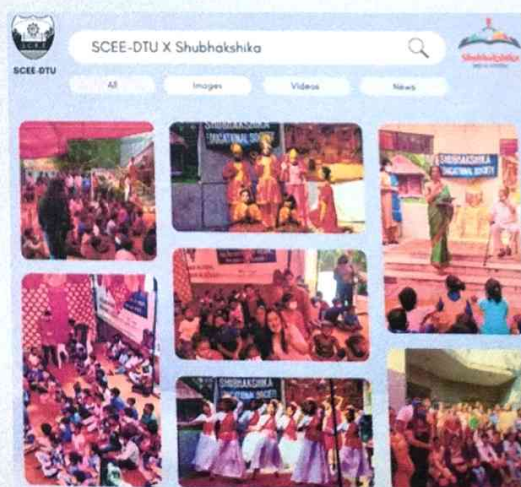
## Gandhi and his Undying Legacy

A student-faculty discussion was organized on the auspicious occasion of Gandhi Jayanti to discuss the relevance of Gandhism ideology in the current time. The debate, which was organised on the topic "Gandhi and his Undying Legacy", drew a large number of participants and resulted in a lively discussion on policies, ethics and values.



## Shubhakshika x SCEE-DTU

Our society believes in benevolence and upliftment of the poor. Keeping this in mind, the education department of SCEE-DTU on the occasion of Diwali, collaborated with the NGO - "Subhakshika", to organise a Diwali Mela on 2nd November 2021.





# TAKING UP THE MANTLE

SCEE-DTU was entrusted with the responsibility of organizing the University Level round of the National Environment Youth Parliament 2022 - "Nurturing Environment Leaders", in collaboration with the Paryavaran Sanrakshan Gatavidhi (PSG).

With the motive of sensitizing the youth about the prevailing environmental issues, the university level round of this competition aimed to provide the participants with a constructive platform to express their opinions on environmental issues and contribute towards finding substantial solutions.

The event saw a massive participation of over 500+ participants.






**SCEE-DTU**  
cordially invites you to


**NATIONAL ENVIRONMENT YOUTH PARLIAMENT 2022**  
"Nurturing Environment Leaders"

Inauguration Ceremony on 19th January 2022 | Time : 10 AM

*in presence of*



 <b>Chief Guest</b> Dr. Prashant Gargava Member Secretary, CPCB	 <b>Chief Patron</b> Prof. J.P. Saini Hon'ble Vice-Chancellor of DTU	 <b>Patron</b> Prof. S.K. Singh Department Head
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Scan the QR code to register



**Environmental Nodal Officer**  
Dr. Rajeev Kumar Mishra  
Assistant Professor  
Environmental Engineering

**Panelists**

 Prof. A.K. Shrivastava Dean & Professor OEA-DTU & Civil Engineering	 Dr. Geeta Singh Assistant Professor Environmental Engineering
--	--

[www.scee.in](http://www.scee.in)  
[rajeevkumarmishra@dtu.ac.in](mailto:rajeevkumarmishra@dtu.ac.in)

No registration/participation fees  
e-Certificates to all participants




**PROPOSED BILL/INNOVATIVE IDEA**

**SCOPE**

**Problem Definition** - ...

**Innovative Idea/Bill** - Development of Environmental ...

**Strategy**



SANKALP SUMAN


**PROPOSED BILL/INNOVATIVE IDEA**


**SCOPE**

**Problem Definition** - wastewater discharge in water bodies

**Innovative Idea/Bill** - the discharged water in water bodies should undergo a treatment before discharging

**Strategy**





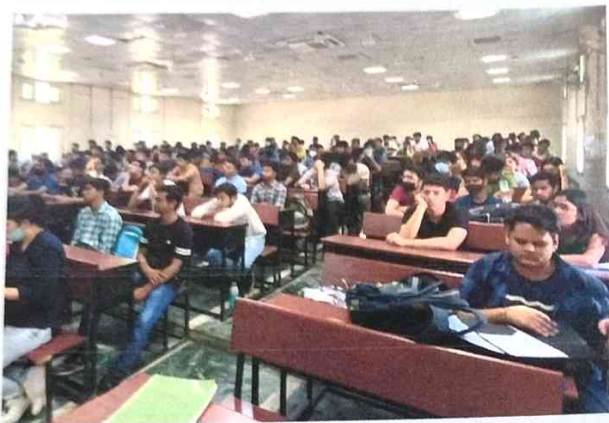


# COMING TO THE OLD NORMAL



## CLIMATE CHANGE & GHG EMISSIONS

With the resumption of the offline teaching, we organised a much-needed seminar on "Climate change and GHG emissions" to acquaint us with the steady changes taking place in our environment and to confront one of the most concerning issues - Greenhouse gas emissions. The event was graced by the presence of Prof. Krishna AchutaRao (HOD-CAS, IITD).



## ECOPRENEURS: STRIDE FOR SUSTAINABLE SOLUTIONS

And as it all comes to end, SCEE DTU was able to organize the final event for this academic year, Ecopreneurs - Stride for Sustainable Resolutions under the umbrella of Invictus - The Annual Tech Fest of DTU. It was a start-up ideation event similar to a shark tank for finding solutions to the most substantial environmental problems.

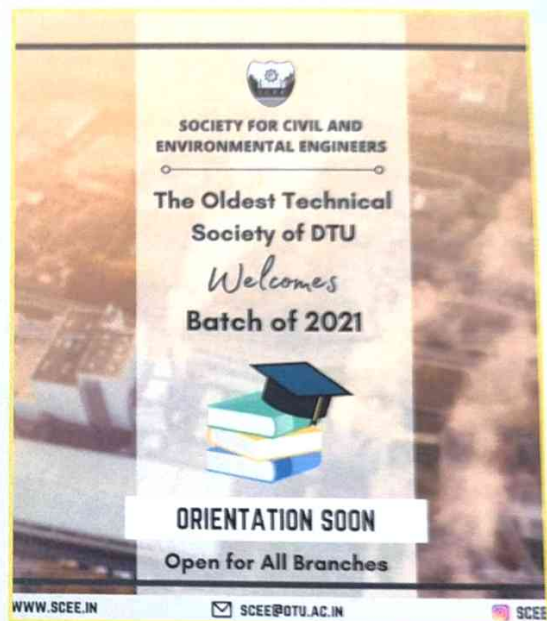
The key takeaways of the event were to ask the right questions and innovate with a strong focus on the user needs as well as to step beyond the obvious solutions and therefore increase the innovation potential of the solution.





# THE SCEE FAMILY GETS EXTENDED

It was that time of the year again and we held our recruitments for the freshers in the month of January (via online medium). After an extensive 2 rounds process (which involved personality assessment and a personal interview), we welcomed some promising freshers into our society. As offline induction couldn't be possible in the month of January, interactive events and ice breaking sessions were organized on suitable online platforms. We went an extra mile to commence their session, which rather started with a rough patch, on a positive note. We were also excited to conduct some offline sessions so that we could have a full body meet as well as more interaction with our new enthusiastic members. We discussed with new members along with our council regarding sessions to be conducted.

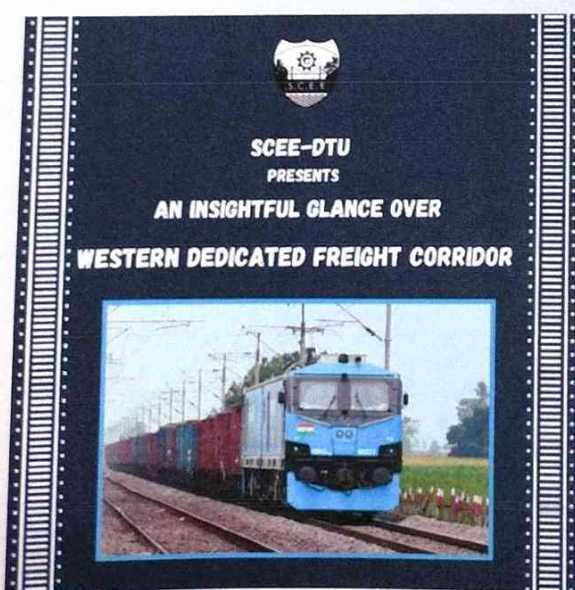
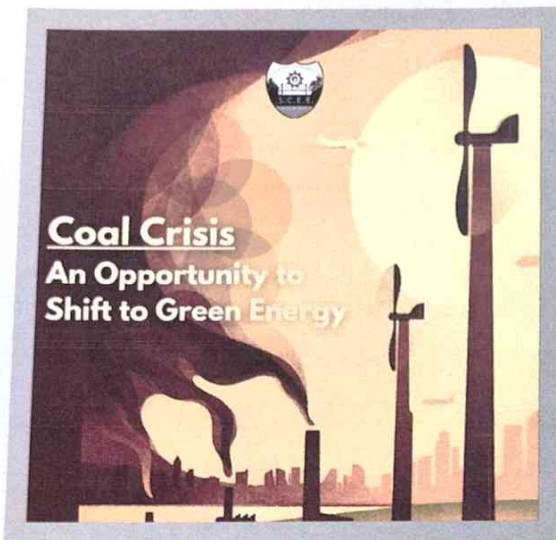







## SOCIAL MEDIA TRENDS SET UP BY SCEE

Our social media posts across all the handles had a combined reach of 1,00,000+ people and were shared more than 1000 times. The aim of society has always been to make the usage of the platform that social media provides and advocate the necessity of sustainability in today's world. The topics covered in our posts (in the past 12 months) ranged from current affairs (like the Coal Crisis) to issues that we felt were underrepresented like the Methanol Economy and many more. These issues even though neglected have a major role to play in sustainable development. Our social media team of passionate creators are constantly looking for improving the social media feed of our followers by taking every constructive feedback into consideration.







# GLIMPSE FROM THE PAST



## SYDNEY OPERA HOUSE







Australia, the Sydney Opera House is a multi-venue performing arts centre. It is frequently recognised as one of the most famous and unique buildings of the twentieth century, located on the banks of Sydney Harbour.

The building, designed by Jørn Utzon of Denmark but finished by an Australian architectural team led by Peter Hall, was formally opened on October 26, 1973.


The building has a series of huge precast concrete "shells," each made up of portions of a sphere with a radius of 75.2 metres, that comprise the structure's roofs and are situated on a colossal podium. The structure is 1.8 hectares in size, measuring 183 metres long and 120 metres wide at its widest point.




The Joan Sutherland Theatre is in the eastern group of shells, while the Concert Hall is in the western group. The scale of the shells was designed to suit the internal height requirements, with modest entrance spaces leading to lofty stage towers.





In 1956, 33 designs were submitted for the worldwide design competition for the Sydney Opera House. Jørn Utzon of Denmark was named the winner, and he was awarded Euro 5,000 for his design.




Sydney Opera House was added to UNESCO's World Heritage List in 2007



Over the past year, SCEE-DTU has increased its reach over other social media platforms including LinkedIn & Facebook in order to reach a more widespread audience. In an attempt to highlight the famous monumental architecture, we started a series called "Glimpse in the Past" emphasizing the famous Sydney Opera House (A multi-venue performing arts centre, added to the UNESCO's World Heritage List in 2007) & Toji Temple (designated as a part of "Historic Monuments of Ancient Kyoto", World Heritage Site by UNESCO).

## TOJI TEMPLE




Japanese Toji Temple, which means "East Temple" in Japanese, was built during the Heian Period. The temple's main hall and the enormous edifice is the Kondo Hall, one of Toji's original buildings.

Toji's five-story pagoda is directly across from the Kondo Hall. It is the highest wooden pagoda in Japan, 57 meters tall. It has become a symbol of both the temple and Kyoto, viewed from numerous locations throughout the city.

The five-story pagoda's structural elements are all constructed out of wood. Wood may flex and twist when subjected to stress, but it does not easily shatter. It can absorb seismic loads because of its flexibility.

By inserting carved thinner and narrower ends into slots, the timbers are connected without nails. As a result, when the earth starts to shake, the wood surfaces in these joints twist and scrape against one another. This reduces the amount of seismic energy that travels up the tower. A five-story pagoda has about a thousand massive mortise joints, making the entire structure flexible.





# EDUCATIONAL TRIP



# MGICCC



April 2022  
Mahatma Gandhi Institute of Combating Climate  
Change, New Delhi

2021-22





**SCEE-DTU**

**scee@dtu.ac.in**



Events organized (2022-23)					
S. No.	Society	Event	Date	No. of attendees	Level
1.	IASTRUCTE DTU	MIDAS	8 <sup>th</sup> Sept 2022	50	National
2.		Resistoflex Corporate House site visit	17 <sup>th</sup> Nov 2022	50	National
3.		Shape my skills - workshop	28 <sup>th</sup> Feb 2023	90	National
4.		Earth Day	24 <sup>th</sup> April 2023	50	National
5.	SCEE-DTU	Envirosity 2.0	5 <sup>th</sup> June 2023	950	National
6.		Industry perspectives: Guidance for career Planning	24 <sup>th</sup> July 2022, 26 <sup>th</sup> Aug 2022, 29 <sup>th</sup> Dec 2022, 27 <sup>th</sup> Feb 2023	4000	National
7.		seminar on "urban emissions, climate, and health hazards"		100	National
8.		Seminar on "Innovation & Legislation of Environmental Noise Control and its Effect (SILENCE-2023)"	26 <sup>th</sup> April 2023	100	National
9.		Aarambh 2023	13 <sup>th</sup> to 15 <sup>th</sup> Feb 2023	300	National
10.		Content creation conclave	2 <sup>nd</sup> Feb 2023	100	National
11.		Ignite 2.0	22 <sup>nd</sup> April 2023	150	National

Head, Deptt. of Civil Engineering  
Delhi Technological University  
Govt. of NCT of Delhi  
(Formerly Delhi College of Engg.)  
Shahbad Daulatpur, Bawana Road,  
Delhi-110042





Indian Association of  
Structural Engineers



# IAS TRUCTE DTU Student chapter

"Learning never stops"



# AIM AND OBJECTIVE

01. To promote the general advancement of the science and practice of Structural Engineering in India.
02. To promote the interests and enhance the status of the Structural Engineering profession in India.
03. To represent the Structural Engineering profession within India and abroad.
04. To promote professional interests, rights, and privileges of Structural Engineers.
05. To facilitate the exchange of information relating to Structural Engineering among its members and to spread knowledge and information connected with Structural Engineering by arranging lectures/ discussions, correspondence, holding of conferences, the publication of papers/periodicals/ journals/books/ circulars/maps, etc, by encouraging research work, by the formation of a library or libraries, and by the collection of models/ designs/ drawings/ other articles of interest in Structural Engineering as well.





06. To provide facilities for working professional structural engineers to upgrade their knowledge, ~~and their analytical~~ skills and design skills.

07. To arrange Refresher/Continuing Education Courses for working/practicing structural engineers.

08. To organize lectures to expose working/practicing structural engineers to the latest developments in Structural Engineering

09. To give the Parliament, the State Legislatures, the Government of India, the State Governments, the Municipal Corporations, and other public bodies, facilities for conferring with and ascertaining the views of Structural Engineers as regards matters directly or indirectly affecting engineering, and to confer with any of these bodies and others.

10. To sponsor research on problems relevant to Structural Engineering or make grants of money, books, and equipment for promoting education and research in Structural Engineering.



# Message From The Faculty Advisor

Dear students,

Greetings!!



I hope you and your families are keeping safe. IAstructEDTU student chapter was started in Jan 2020; the chapter is consistently encouraging its objective of "PROMOTING THE INTERESTS AND ENHANCE THE STATUS OF THE STRUCTURAL ENGINEERING PROFESSION IN INDIA" among our fellow students. But, due to the prevalent scenario of the Covid Pandemic, a lot had suffered. But, the IAstructE DTU Student Chapter with its motto of "Learning Should Not Stop" had successfully organized many online webinars, training, etc and continued to organize offline events after the lockdown.

You will be happy to know that from July 2023 to 2024, a new executive committee will be formed after the session starts as per the guideline of IAstructE. I take this opportunity to thank the student executive committee for the term March 2022-23, Mr. Ravi Shankar Yadav as Convener, Mr. Hemant Singh as Secretary, Mr. Rajveer Singh as Jt. Secretary, Mr. Shivam Pandey as Treasurer and Mr. Arpit Meena, Mr. Deepanshu, Ms. Lalhriatpuii, Mr. Nikhil jha, Mr. Mudit Garg as Executive members.

They have worked hard to successfully organize numerous events during their term.

Looking forward to your active participation and support to make the IAstructE DTU student chapter a truly nationwide representative.

Best regards  
Dr. Shilpa Pal





# Message From The Executive Committee(2022-23)



Mr. Ravi Shankar  
Yadav  
(Convener)



Mr. Rajveer Singh  
(Jt. Secretary)



Mr. Hemant Singh  
(Secretary)



Mr. Shikhar Pandey  
(Treasurer)



Mr. Deepanshu  
(Executive  
Members)



Mr. Arpit Meena  
(Executive  
Members)



Mr. Mudit Garg  
(Executive  
Members)



Mr. Nikhil Jha  
(Executive  
Members)



Ms. Lalhriatpuli  
(Executive  
Members)

Dear Members,

Greetings!

We feel honored to be part of the second student council of DTU's student chapter of IASTRUCTE, continuing the legacy set by the previous council. Over the past year, we have achieved remarkable milestones by organizing a series of captivating offline events, including informative webinars, interactive workshops, and exciting competitions. These endeavors have garnered immense participation and enthusiasm, not just from DTU, but also from several colleges nationwide.

These endeavors have garnered immense participation and enthusiasm, not just from DTU, but also from several colleges nationwide. Our commitment and dedication, along with the unwavering support of the Hon'ble Faculty Advisor and fellow Council Members, have contributed to the success of these events. As we congratulate the newly chosen council members, we wish for an eventful and prosperous academic year ahead for the student chapter.

Best Regards.







## Indian Association of Structural Engineers

K-69 A, Basement, Kalkaji, New Delhi 110019  
Tel: (011) 4579 4829; E-mail: [iastructe@gmail.com](mailto:iastructe@gmail.com);  
Web: [www.iastructe.co.in](http://www.iastructe.co.in)

The Science of Structural Engineering deals with the Analysis and Design of Buildings & Structures, so as to make them safe for occupation and use during their estimated lifetime and projected usage. For this requirement, Structures need to be designed to cater to known Natural hazards e.g. floods, Storms, Cyclones, Snow, Earthquakes, etc as applicable and as stipulated by the Bureau of Indian Standards for various locations all over the Country.



[Youtube](#)



[FaceBook](#)



[LinkedIn](#)



[Instagram](#)



Indian Association of  
Structural Engineers



# MIDAS EVENT



Organized by IAstructE DTU  
Student Chapter in collaboration  
with MIDAS



## TECHNICAL INTRODUCTORY SESSION ON MIDAS

### Time

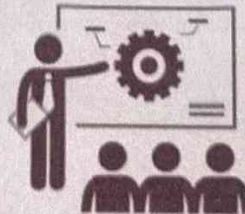
Thursday,  
8th Sep  
2022  
4:00 - 5:30 pm

### Speaker

Er. Anubhav Tyagi,  
M.tech(IIT  
Roorkee)

### Venue

Seminar Hall, Delhi Technological University  
Department of Civil Engineering



MIDAS RESEARCH & DEVELOPMENT CENTRE INDIA PVT. LTD.



Indian Association of  
Structural Engineers



# MIDAS EVENT

IASTructE held an event in collaboration with MIDAS Academy on 28th February 2023, under the guidance of Prof Shilpa Pal. The event was a discussion about the services that MIDAS Academy can provide for passionate future civil engineers, and the value it can bring to their careers. The speaker for this event was Er. Anubhav Tyagi, Mtech, IIT Roorkee, accompanied by Mr. Abhishek, a DTU Alumnus.



Indian Association of  
Structural Engineers





The discussion was focused on how MIDAS Academy can help civil engineering candidates to gain more experience, knowledge and skills. Mr. Anubhav mentioned that the academy provides a wide range of courses, training, and certification that are specifically tailored to the needs of civil engineers. He also spoke about how the academy has a comprehensive and up-to-date curriculum that covers all the current and most important topics in civil engineering.





Around 50 people took part in the event and the session lasted for about 2 hours.

Mr. Anubhav also highlighted the fact that MIDAS Academy has a team of experienced professionals, who are well versed in the latest technologies and techniques and can provide the best guidance and assistance to civil engineering candidates. He further elaborated that the academy also has a strong network of industry professionals, who can provide valuable industry insights and connections.





In conclusion, Mr. Anubhav talked about the importance of MIDAS Academy for civil engineers and the value it can bring to their careers.

Special thanks to Mr. Anubhav and Mr. Anubhav for giving us their precious time and we hope we continue to collaborate in the future as well.



## JOURNAL PUBLICATION

The IAStructE-DTU chapter is proud to announce the publication of two papers in the IastructE Journal July-September 2022 issue.

The papers, entitled "Dams in India: An Overview" and "Dam Failures: A Key to Discontinuum Analysis", were written under the supervision of Dr. Shilpa Pal, and authored by Mr. Ashish Kumar, Ms. Monika Yadav, and Mr. Anshoo Yadav.

The first paper, "Dams in India: An Overview", provides an overview of the Indian dam system, its history, and current status. The authors make use of historical records, engineering data, and case studies to provide a comprehensive overview of the dam system in India. The paper also examines current trends in dam construction and management, and outlines potential solutions to the challenges that India is currently facing with its dam system.

The second paper, "Dam Failures: A Key to Discontinuum Analysis", explores the potential of discontinuum analysis in predicting dam failures. It makes use of engineering data and case studies to demonstrate that discontinuum analysis can be used to identify potential failure mechanisms and to provide early warning systems for dam failures.



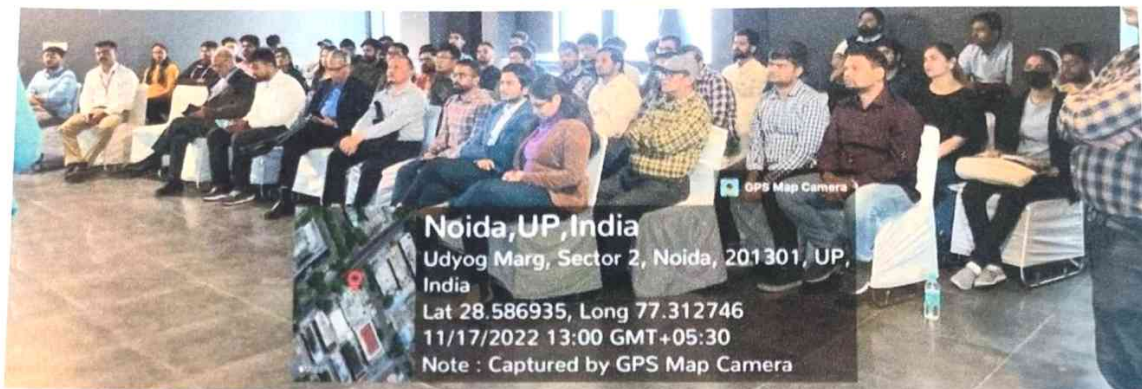
# RESISTOFLEX CORPORATE HOUSE SITE VISIT

On 17th November 2022, M.Tech(STE) 1st and 2nd year students from the Department of Civil Engineering, Delhi Technological University visited the Resistoflex Corporate House, Noida for a site visit to the base isolated building.

The visit was organised by the Department of Civil Engineering in association with IAStructE DTU student chapter. Sh. G.P Awadhiya, Associate Professor, Civil Engineering Department accompanied the students on this visit.







The Resistoflex Corporate House is a 20 storey building and is the first base isolated building in Noida. The building is the first of its kind in the country and is designed by renowned earthquake engineering consultants. The building has a base isolation system which is designed to reduce the effect of an earthquake on it. The building was declared as a base isolated building in 2018 and is considered to be a major achievement in the field of earthquake engineering.

The students were given a detailed tour of the building by the experts from the engineering firm responsible for its construction. The students were briefed about the design and construction of the building and were shown the various components of the base isolation system. They were also briefed about the calculation and analysis involved in designing the base isolation system.



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workshop was to provide knowledge and hands-on software for design and pursuing M.Tech and

The workshop began at 10 AM with an introduction by the organizers, followed by a presentation on the basics of STAAD.Pro and Revit software. The presentation covered the basic features, functions, and applications of the software. The students were then divided into groups and provided with the required software installed on their laptops.





The workshop was conducted in two parts. The first part focused on STAAD Pro software, where the students were taught how to create, analyze, and design a steel structure. The students were provided with a step-by-step guide and were assisted by the instructors in case of any doubts or difficulties. The second part of the workshop focused on Revit software, where the students were taught how to model, analyze and design a concrete structure.



The workshop ended with a Q&A session, where the students were allowed to ask any doubts or queries that they had. The session was interactive, and the instructors answered all the questions raised by the students.





All the participants were provided with Bentley certification upon completion of the workshop. The certification recognized the skills and knowledge gained by the students during the workshop, which could be beneficial in their future careers.

The workshop on "Design and Analysis of Structures with STAAD Pro & Revit Software" was a success, and the students gained practical knowledge and hands-on experience in using the software.



The organizers and the instructors did an excellent job in conducting the workshop and providing the necessary guidance to the students. The certification provided by Bentley would be beneficial for the students in their future careers.





■ ■ ■ ■ ■ ■ ■ ■



# EARTH DAY EVENT-2023



On 24th April 2023, the Indian Association of Structural Engineers, Delhi Technological University Chapter (IAStructE-DTU) organized a remarkable Earth Day event at Pragyan Hall, DTU. The event aimed to raise awareness about environmental issues and promote sustainable practices among the students. The event was a great success and witnessed a large participation of enthusiastic students.

The event featured a lecture by Dr. Suman Chahar, an expert speaker and social activist from the Indcare Development Foundation. Dr. Chahar's vast knowledge and experience in environmental conservation made her an ideal choice for the event. Her presence added immense value to the Earth Day event and inspired the attendees to take action for a greener future.





# EARTH DAY EVENT-2023

The DTU civil professors and faculties also took an active part and helped in carrying the event successfully.





# EXTEMPORE COMPETITIONS ...

Two competitions were organized as part of the event to encourage student participation and creativity: an extempore competition and a painting competition. Both competitions aimed to engage students in expressing their ideas and emotions related to environmental conservation.

## Extempore Competition:

In the extempore competition, participants were given a topic related to the environment and had to speak impromptu on the given subject. The competition witnessed enthusiastic participation, with students showcasing their knowledge and persuasive skills. The top three participants were awarded prizes as follows:



First Prize: ₹1500

Second Prize: ₹1000

Third Prize: ₹500



# PAINTING COMPETITION

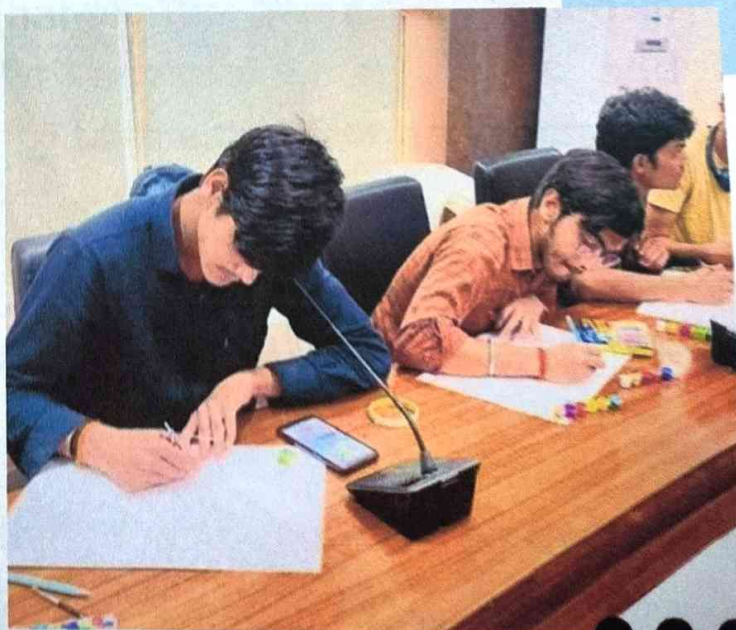


Painting Competition: The painting competition allowed students to exhibit their artistic talents while conveying a message of environmental consciousness through their artwork. The participants displayed their creativity, using vibrant colors and innovative techniques to highlight the importance of preserving the planet. The winners of the painting competition were also awarded prizes:

First Prize: ₹1500

Second Prize: ₹1000

Third Prize: ₹500





# EARTH DAY EVENT-2023



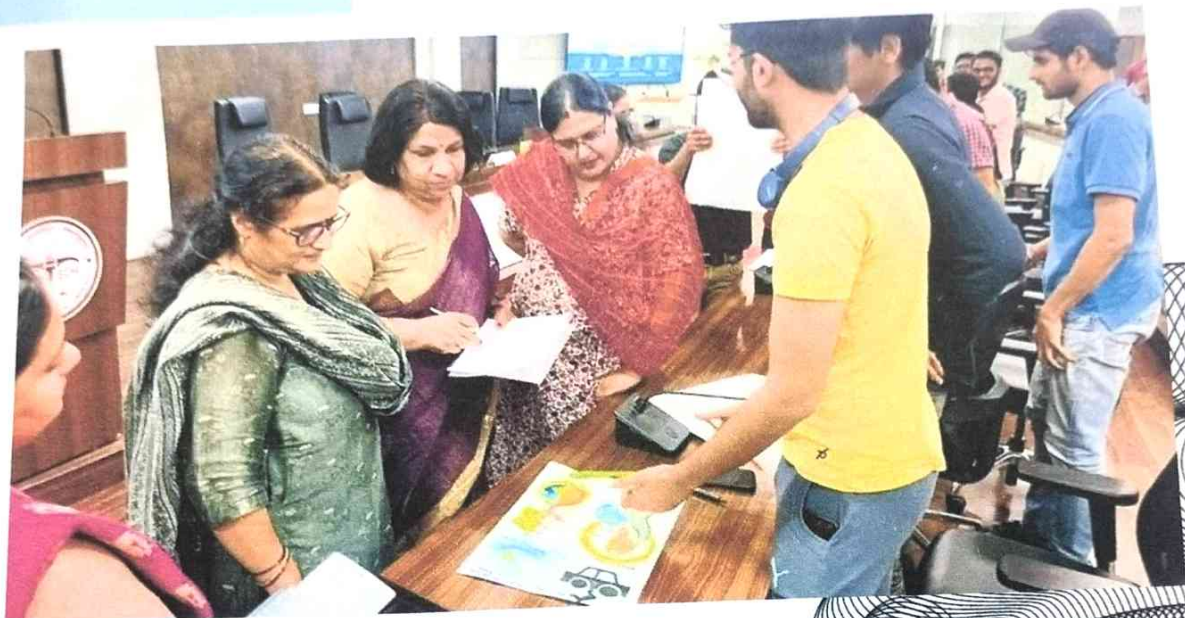
The Earth Day event organized by IAStructure-DTU received an overwhelming response from the students of Delhi Technological University. Many students actively participated in the competitions and attended the lecture by Dr. Suman Chahar. The event succeeded in raising awareness about environmental issues and motivating the students to take action for a sustainable future.

The event provided a platform for students to showcase their talents, learn from the expertise of Dr. Chahar, and engage in discussions about environmental challenges. It encouraged students to reflect on their individual roles in preserving the environment and inspired them to become change-makers.



# EARTH DAY EVENT-2023

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# EARTH DAY EVENT-2023

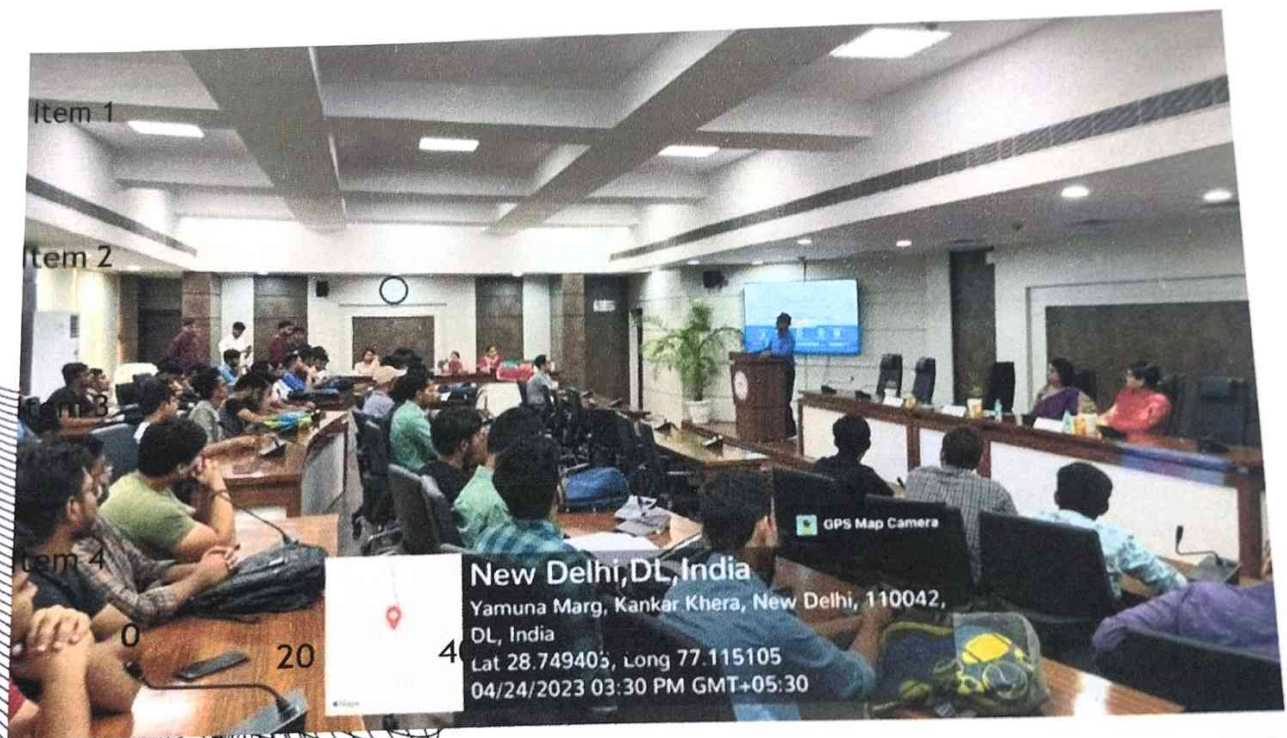
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# EARTH DAY EVENT-2023

The event served as a reminder of the importance of Earth Day and the need for collective action to protect our planet. It provided a platform for students to express their concerns, learn from experts, and foster a sense of responsibility towards the environment. The success of this event is a testament to the enthusiasm and dedication of the organizers and participants in making a positive impact on the world we live in.



## END OF THE REPORT





# SCEE-DTU

SOCIETY FOR CIVIL AND ENVIRONMENTAL ENGINEERS

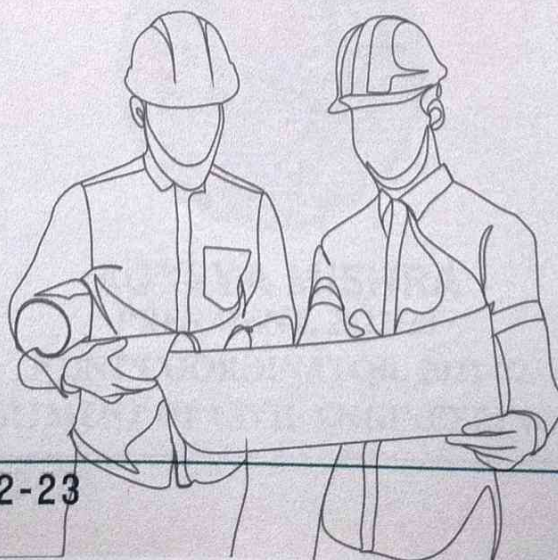
## ANNUAL REPORT 2022-23



# OUR MISSION



**TO PROVIDE PRACTICAL AND INNOVATIVE PATHS OF LEARNING IN THE FIELD OF CIVIL AND ENVIRONMENTAL ENGINEERING. THE SOCIETY WORKS TO PROVIDE ITS MEMBERS WITH A PLETHORA OF OPPORTUNITIES TO PARTICIPATE IN EVENTS RELATED TO BESTOWING PRACTICAL KNOWLEDGE IN THE FIELD OF CIVIL & ENVIRONMENTAL ENGINEERING.**







## **PROF. A.K. SRIVASTAVA**

**FACULTY ADVISOR, SCEE-DTU**

**CHIEF PROJECT OFFICER, DTU**

**DEAN, CENTRE FOR EXTENSION AND FIELD OUTREACH, DTU**

**DEPARTMENT OF CIVIL ENGINEERING, DTU**

It gives me great satisfaction to acknowledge that the Society for Civil and Environmental Engineers has completed its 14th year. SCEE DTU is releasing its annual report to highlight the work accomplished in the academic year 2022-23 by its members. In 2022-23, several events were conducted by SCEE to increase awareness of sustainable practices in engineering. It hosted esteemed personalities, including Prof. Krishna Achuta Rao, Mr. Ratan Chaudhary, and other technocrats, who shared their diverse experience in their domains, which would motivate the current members of SCEE. One of the key milestones of SCEE in the current academic year is the rebranding of Ignite 2.0, the official magazine of the society. Our students have undertaken numerous student level initiatives and have been at the forefront of volunteering services, assisting the college administration organize university wide events at large scale. In association with the Technical Council, SCEE DTU was able to organize an educational visit to IIT Roorkee, which saw an overwhelming participation of over 30+ members of the society. With this note, I want SCEE a totally going on and prosperous academic year ahead.



## **AGYEYA MISHRA**

**PRESIDENT, 2022-23**

**JOINT COORDINATOR, 2021-22**

**DEPARTMENT OF CIVIL ENGINEERING, DTU**





## ADMINISTRATIVE COUNCIL 2022-23



**Agyeya Mishra**  
President



**Akanksha Vidyarthi**  
General Secretary



**Shambhavi Chaturvedi**  
Vice President



**Vedant Gupta**  
General Secretary



**Chehak Batra**  
Secretary



**Sankalp Purwar**  
Coordinator





## STUDENT COUNCIL

---

**Agyeya Mishra**

**President**

**Shambhavi Chaturvedi**

**Vice President**

**Akanksha Vidyarthi**

**General Secretary**

**Vedant Gupta**

**General Secretary**

**Chehak Batra**

**Secretary**

**Sankalp Purwar**

**Coordinator**



**Shailendra Kumar**

**Jt Coordinator**

**Omair Khan**

**Jt Coordinator**

**Lakshay Sachdeva**

**Treasurer**

**S. Meerashree**

**ENE Tech Head**

**Nikhil Kumar**

**CE Tech Head**



**Kanjam Manocha**

**Head, Content & Design**

**Abhinav Singh**

**Head, Logistics**

**Mihika Sankhla**

**Head, Publicity**

**Mausam Raj**

**Head, Corporate**

**Aditya Solanki**

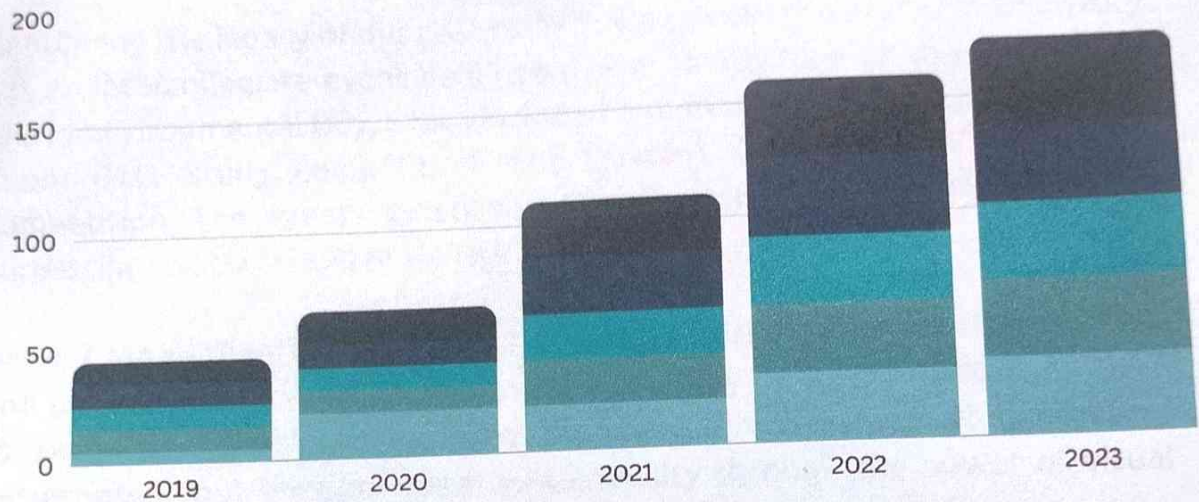
**Head, Alumni & Outreach**





# THE YEAR IN HINDSIGHT

## 2022

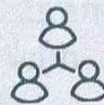


## 170+Members



**2500+**

Members on  
LinkedIn



**4+**

Student chapter in  
3 states



**20000+**

Participants in  
event organized



**10%**

Increase in  
Members



**45+**

Members from Non-  
Civil and ENE stream



**15+**

Guest Lectures,  
Workshop, Seminar  
And Competition

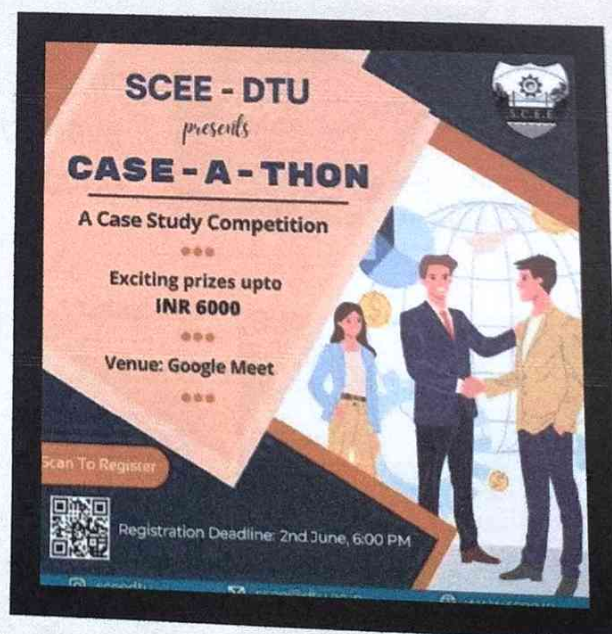
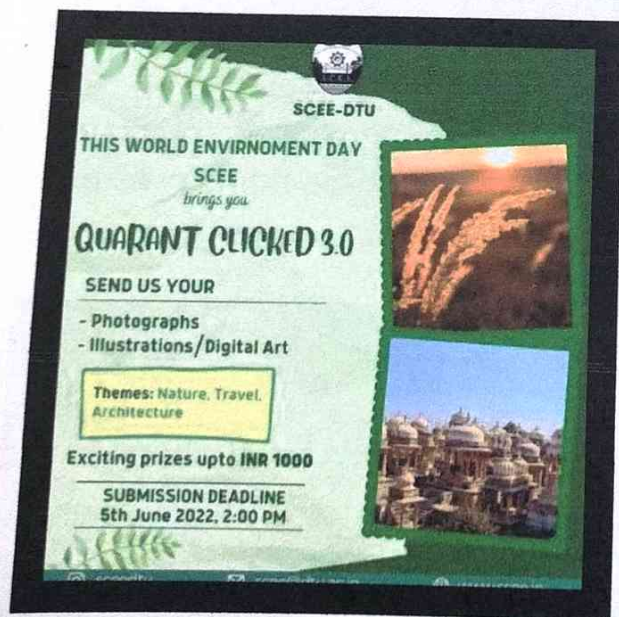


# SUSTAINING THE LEGACY: ENVIROSIETY

Continuing the legacy of our past council, we started the year with Envirocity 2.0, an intercollegiate event held every year on 5th June on the occasion of World Environmental Day, which included two exciting competitions: Case-A-Thon: Case study competition and Quarant Clicked 3.0: Photography competition. The events synergized to generate a substantial cash pool, surpassing the threshold of Rs 10,000.

While Case-A-Thon aimed at testing the business acumen of the students and providing them with an opportunity to apply their knowledge and skills to real-world problems, Quarant Clicked 3.0 was aimed at promoting awareness about environmental sustainability through the power of visual storytelling.

Overall, Envirocity 2.0 was a highly successful event with an overall participation of 950+ budding environmentalists and students from over 35+ campuses all across India, providing them with an opportunity to learn, engage and showcase their skills and creativity.

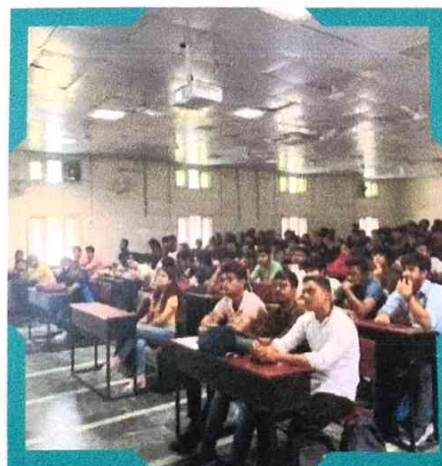
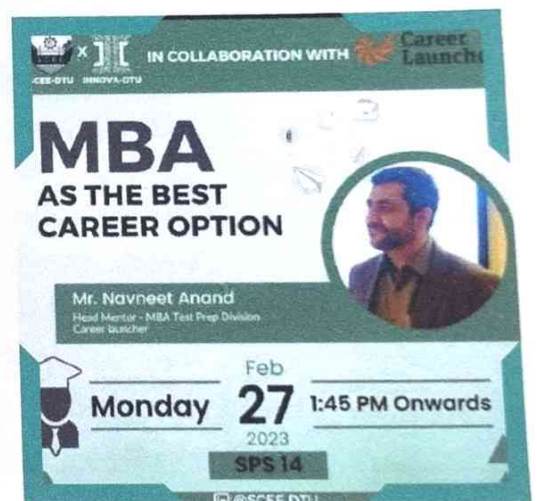




# INDUSTRY PERSPECTIVES: GUIDANCE FOR CAREER PLANNING

SCEE-DTU has consistently been at the forefront of organizing seminars and workshops on career planning, empowering the students with the knowledge and resources to amplify their growth and unlock their full potential. These events aimed to assist students interested in pursuing an MS or MBA degree abroad, as well as securing prestigious research internships or non-tech placements.

The lectures, presented by professors, industry experts, and researchers, covered various topics such as the future of pursuing an MS abroad or an international research internship, the benefits of a career in management, guidance for appearing in CAT 2023, admission processes, scholarship opportunities, academic curricula in top universities abroad, and recruitment processes of consulting firms. The events have had a combined viewership of over 4000+ students from various domains and fields.





# EXPLORING INDUSTRY INSIGHTS: ENGAGING WITH RESEARCH EXPERTS

Round the year, we tried to engage the community with something thought provoking at regular intervals with the current technological changes happening around us. With the increasing consciousness around climate action influencing the daily activities of governments, corporations, and individuals, SCEE-DTU organized several events to acquaint everyone with the surroundings we all reside in.

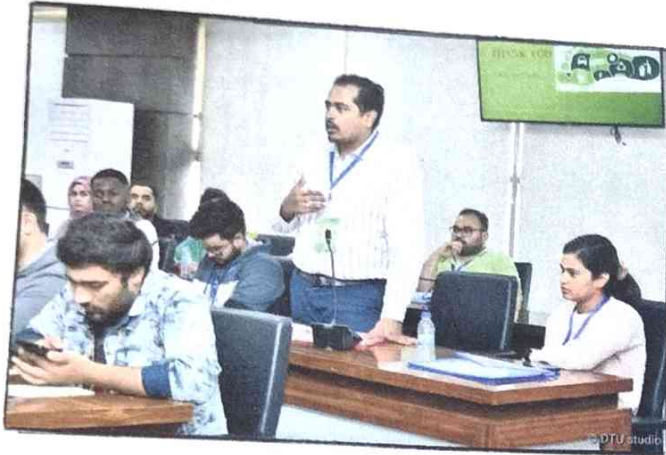


The informative webinar on "Climate Finance" was conducted with the guest speaker, Mr Labanya Prakash Jena, CFA, and Regional Climate Finance Advisor for the governing Indo-Pacific region of the Commonwealth Organization. It aimed to give students an overview of the various financing mechanisms and strategies available to address climate change.





In collaboration with the Department of Environmental Engineering, we conducted a one-day "seminar on urban emissions, climate, and health hazards" (SUCH 2023) in the presence of various eminent industry experts and researchers like Dr Manoranjan Parida (Director of CSIR-CRRI), Prof. Mukesh Khare (Emeritus Professor at IIT-D), Dr Vijay Kumar Soni (Head of EMRC, IMD), Dr Ravindra Kumar (Chief Scientist at CRRI), and Dr V.K. Shukla (Additional Director at CPCB, Delhi), providing a platform for students to learn about the complex interplay between urbanization, climate change, and public health.



Once again, on the occasion of Noise Day, SCEE DTU provided assistance to the Department of Environmental Engineering in organizing the one-day "Seminar on Innovation & Legislation of Environmental Noise Control and its Effect (SILENCE-2023)". The event was a resounding success. It brought together experts, professionals, research scholars, and students to discuss innovation and legislation in environmental noise control and its effect. The seminar provided attendees with a platform for fruitful discussions, networking, and valuable insights into the impact of environmental noise and effective mitigation strategies.



**DEPARTMENT OF ENVIRONMENTAL ENGINEERING**  
**DELHI TECHNOLOGICAL UNIVERSITY**  
*In collaboration with IIC-DTU*

On  
**INTERNATIONAL NOISE AWARENESS DAY**  
 Organizes  
**ONE DAY NATIONAL**  
**"SEMINAR ON INNOVATION & LEGISLATION OF**  
**ENVIRONMENTAL NOISE CONTROL AND IT'S EFFECT"**  
**(SILENCE-2023)**

 Prof. J. J. Pant Vice-Chancellor DTU <b>CHIEF PATRON</b>	 Prof. Madhukumar Singh Registrar DTU <b>PATRON</b>	 Shri S. A. Verma Executive Director MWH, New Delhi <b>CHIEF GUEST</b>
 Dr. Jaam Ashraf Principal Scientist, CSIR-CRRI New Delhi <b>GUEST SPEAKERS</b>	 Dr. Kirti Kumar Associate Professor Central University of Haryana, Faridkot <b>GUEST SPEAKERS</b>	 Mr. Saachi Kati Mukherjee Associate Vice President, President, Kishore Technologies Pvt. Ltd. <b>GUEST SPEAKERS</b>
 Prof. Anil Haritash Head, Department of Environmental Engineering, DTU <b>CHAIRMAN</b>	 Dr. Ajay Kumar Mishra Department of Environmental Engineering, DTU <b>CONVENER</b>	

<b>DATE:</b> 26 APRIL 2023	<b>VENUE:</b> PRAGYAN HALL DTU	<b>TIME:</b> 9:30 AM ONWARDS
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# RELIVING AARAMBH'23

After a gap of 4 years, SCEE-DTU returned with its annual tech fest, Aarambh 2023, which was held under the umbrella of Invictus, the annual tech fest of DTU. Aarambh 2023 provided a platform for engineering students to showcase their skills and learn from each other, which saw the exuberant participation of over 300+ students from over 40+ colleges across India.

One of the highlights of Aarambh 2023 was the Bridge building competition organized in collaboration with the Indian Geotechnical Society (IGS-DTU), with enthusiastic participation from teams of engineering students who designed and built bridges using limited resources.







**SCEE-DTU**  
*Presents to You*


## AARAMBH'23


**LAYOFF QUIZ**  
(A Quiz Competition)  
**14 FEBRUARY 2023**  
**1 PM ONWARDS**




**BRIDGE TO BRAGGING RIGHTS**  
(A Bridge Building Competition)  
**13 FEBRUARY 2023**  
**12 PM ONWARDS**

**ECOPRENEURS 2.0**  
(A Case Study Competition)  
**14 FEBRUARY 2023**  
**8:30 AM ONWARDS**



**THE DIGITAL SHIFT**  
(A Panel Discussion)  
**15 FEBRUARY 2023**  
**11 AM ONWARDS**



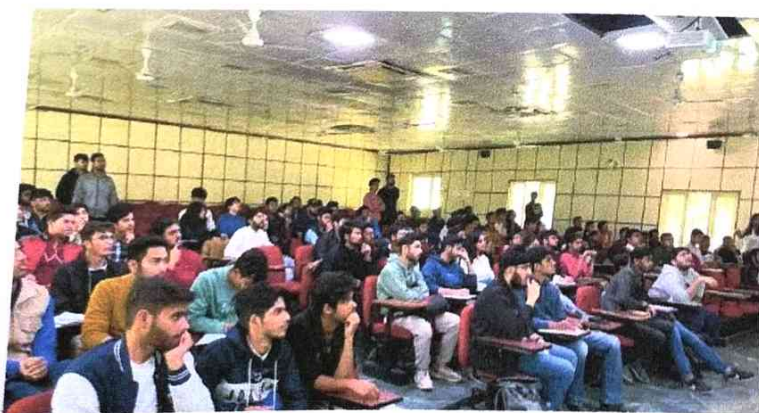


# RELIVING AARAMBH'23

The panel discussion brought together experts from various fields to discuss the latest developments and challenges in civil and environmental engineering.

Ecopreneurs 2.0 provided an opportunity for participants to showcase their analytical and problem-solving skills and come up with solutions that can have a positive impact on the environment and society. The Layoff Quiz tested their knowledge in the fields of technology and current affairs. It provided an opportunity for participants to engage in healthy competition, promote awareness, and stay up-to-date with the latest technological advancements and current affairs related to the field.

The event provided the participants with the opportunity to interact with industry experts, gain practical experience, and gain insights into the latest trends and developments in civil and environmental engineering.







# TOGETHER WE ARE STRONGER



With the belief that "collective effort brings collective results", SCEE-DTU has collaborated with various organizations in the past to disseminate vital information and reach a wider audience. With this thought process, SCEE-DTU collaborated with INNOVA-DTU and organized a content creation conclave featuring prominent marketing influencers like Mr Sahil Khanna and Mr Kashish Anand.

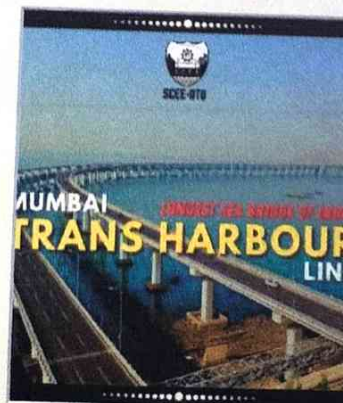
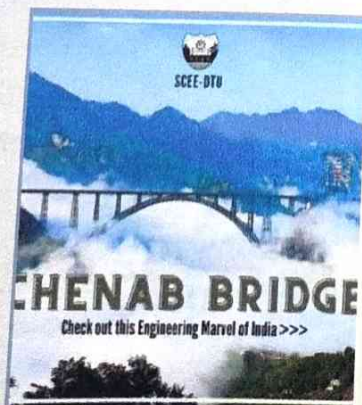
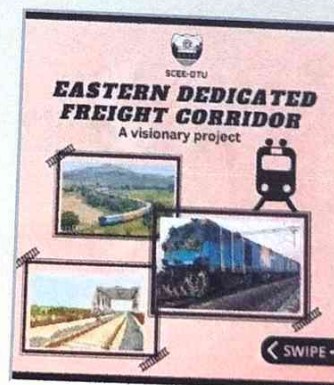
Mr. Sahil Khanna, a renowned digital entrepreneur, with over 1.2+ million YouTube subscribers, provided practical tips and guidance on leveraging digital marketing to grow their businesses. On the other hand, Kashish Anand, a popular content creator with over 78k followers on Instagram, provided valuable insights into creating engaging and relatable content that resonates with the audience.

The conclave provided valuable insights and practical tips for attendees seeking to leverage digital marketing to grow their businesses or enhance their content creation skills. The listeners learned about the latest trends and best practices in digital marketing, how to create engaging content, and how to connect with their audience on a personal level. The seminar was a success, and the attendees left with actionable insights to apply to their digital entrepreneurship journeys.



# SOCIAL MEDIA TRENDS SET UP BY SCEE

Our social media posts had a massive impact, reaching and engaging with a staggering 200,000+ individuals and generating over 1000 shares. With sustainability and innovation taking center stage in global matters, SCEE-DTU assumed the responsibility of disseminating relevant information through our social media handles, reaching a wider audience and gaining recognition from experts all across India. Through our social media handles, we shared information about some of the most impressive engineering feats and developments taking place around the world, including the Chenab Bridge, Central Vista, Nord Stream 2 and the Mumbai Trans Harbour project. We understand the importance of sustainable transportation and the impact it has on the environment. As reels provide a much more reach amongst the social media committee, we touched upon to celebrate the 20 years of DMRC we explaining DMRC's use of renewable energy sources and its efficient infrastructure design. These projects represent some of the most innovative and impressive engineering achievements in recent years, and we felt it was important to highlight their importance to our followers.

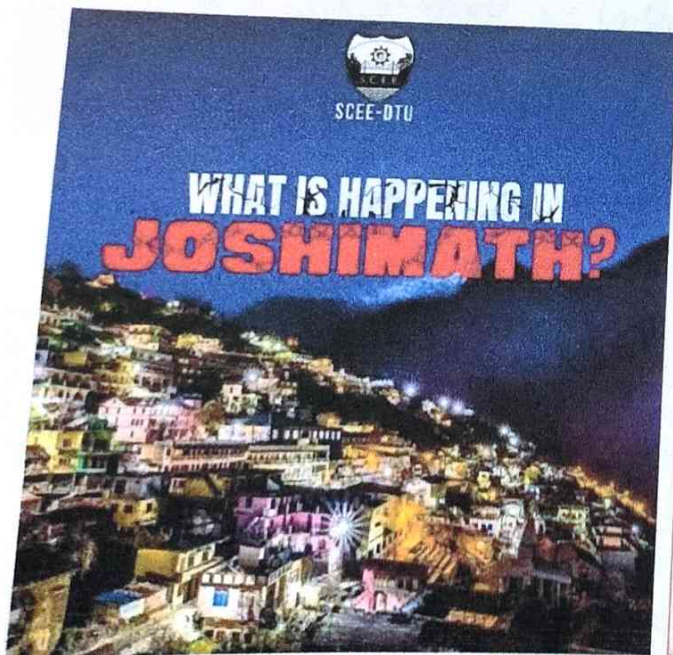




# ADVOCACY ON ENVIRONMENTAL CONCERNS

At SCEE-DTU, we believe that it's important to not only promote engineering marvels and developments but also to focus on underrepresented issues that affect our planet. One such issue that we highlighted on our social media handles was the Joshimath crisis. Through our social media handles, we shared information about the Joshimath Crisis and the impact it was having on the region.

We highlighted the importance of preserving the natural ecosystem and encouraged our followers to think about how they could help to protect the environment. Our posts sparked important discussions among our followers, who engaged with each other to share their thoughts on the issue and to suggest ways that they could contribute to preserving the environment. We were pleased to see our followers taking action by supporting local initiatives and by advocating for sustainable practices.



## SIGNS OF AN IMPENDING DISASTER

On the morning of 3 January, the people of Joshimath were woken by an ominous rattling noise. As the sun came up, cracks in the walls and floors of houses revealed themselves.



-  Miniscule cracks on roads increased in size
-  Some hotels had tilted
-  Approximately 561 buildings developed cracks
-  New water sources emerged in some places

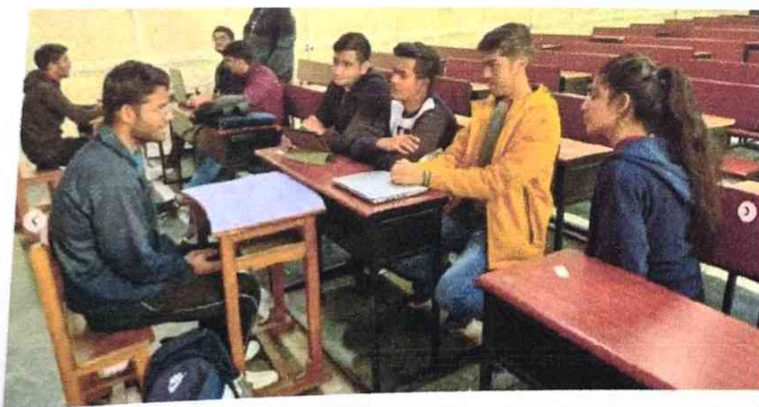


# SCEE FAMILY GROWS WITH NEW MEMBERS

Our society held its annual recruitment drive in January with the goal of boosting our team with a new batch of brilliant and committed individuals. The recruitment procedure involved two rounds of rigorous selection, which included personality assessments and personal interviews. The procedure was developed to ensure that only the most competent and deserving candidates join the team. The recruitment drive was a resounding success; with over 200+ candidate applications, we selected a handful of 40+ individuals to carry forward the legacy of SCEE-DTU and welcomed our new members during a highly engaging induction ceremony. This gathering presented a golden opportunity for our budding team to interact with the existing members and gain deeper insights into the multifaceted departments of our esteemed society. Our presentation was brimming with enthusiasm as we took pleasure in introducing the various departments within our society and providing a captivating preview of the intriguing projects that are currently underway.



**WELCOME**  
*to the Team*



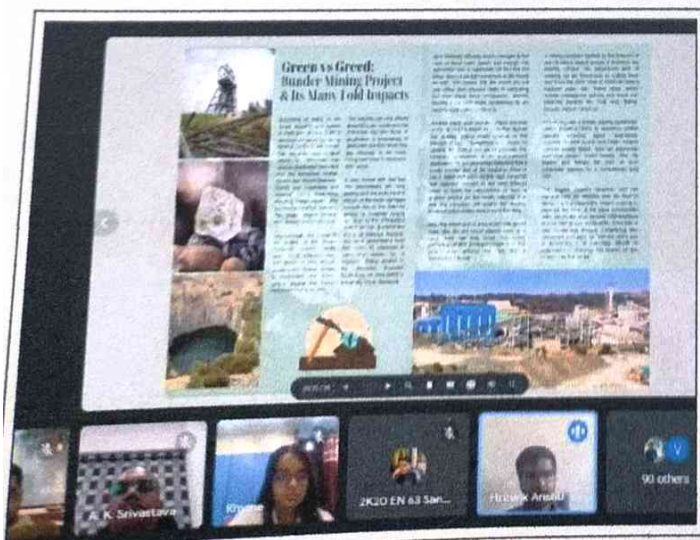
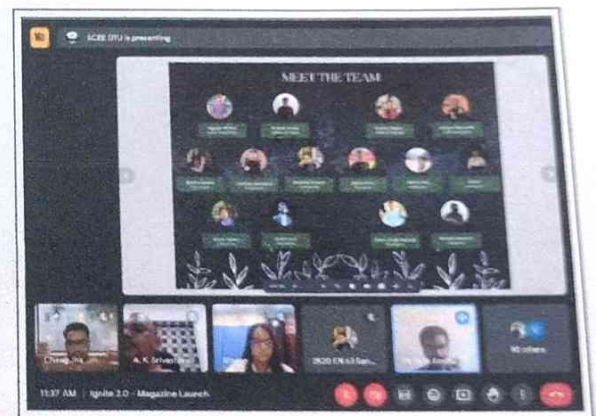
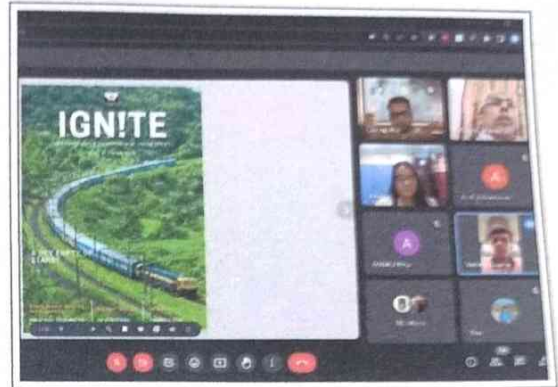


# IGNITE 2.0: INSPIRING SUSTAINABLE INNOVATIONS

As all good things do come to an end, SCEE DTU ended this Academic Year on a high note with the launch of its Annual Magazine, Ignite 2.0, on the occasion of World Earth Day.

The event was presided by Dr. A.K. Srivastava, Dean, Centre for Extension and Field Outreach & Chief Project Officer, Administrative Department, DTU who addressed the gathering, emphasizing upon the role of the magazine in the contemporary world and touched upon various pertinent topics within the field of civil and environmental engineering, taking the audience on a captivating journey of recent technological advancements. He emphasized how this initial initiative has grown into a formidable force comprising more than 150 dedicated members who tirelessly strive to transform the society's mission into a tangible reality.

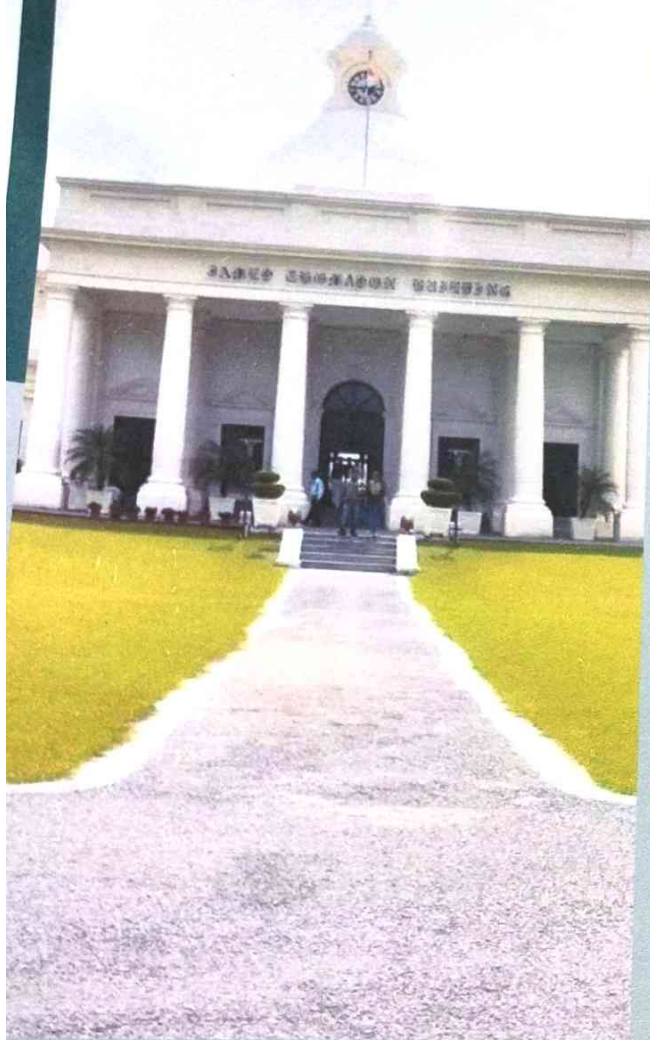
Next, Dr. Vijay K Minocha, HOD, Civil Engineering took over and emphasized on the need for sustainable engineering practices, and the significance of world earth day in the current era.



Ignite was launched as an attempt to celebrate all that has been achieved while listing all that will have to be done to continue celebrating in the future. The launch of Ignite 2.0 magazine was definitely a milestone achievement for SCEE-DTU, and we are excited to continue our journey of making a positive impact in the field of civil and environmental engineering.



# LEARNING-ORIENTED EXPEDITION

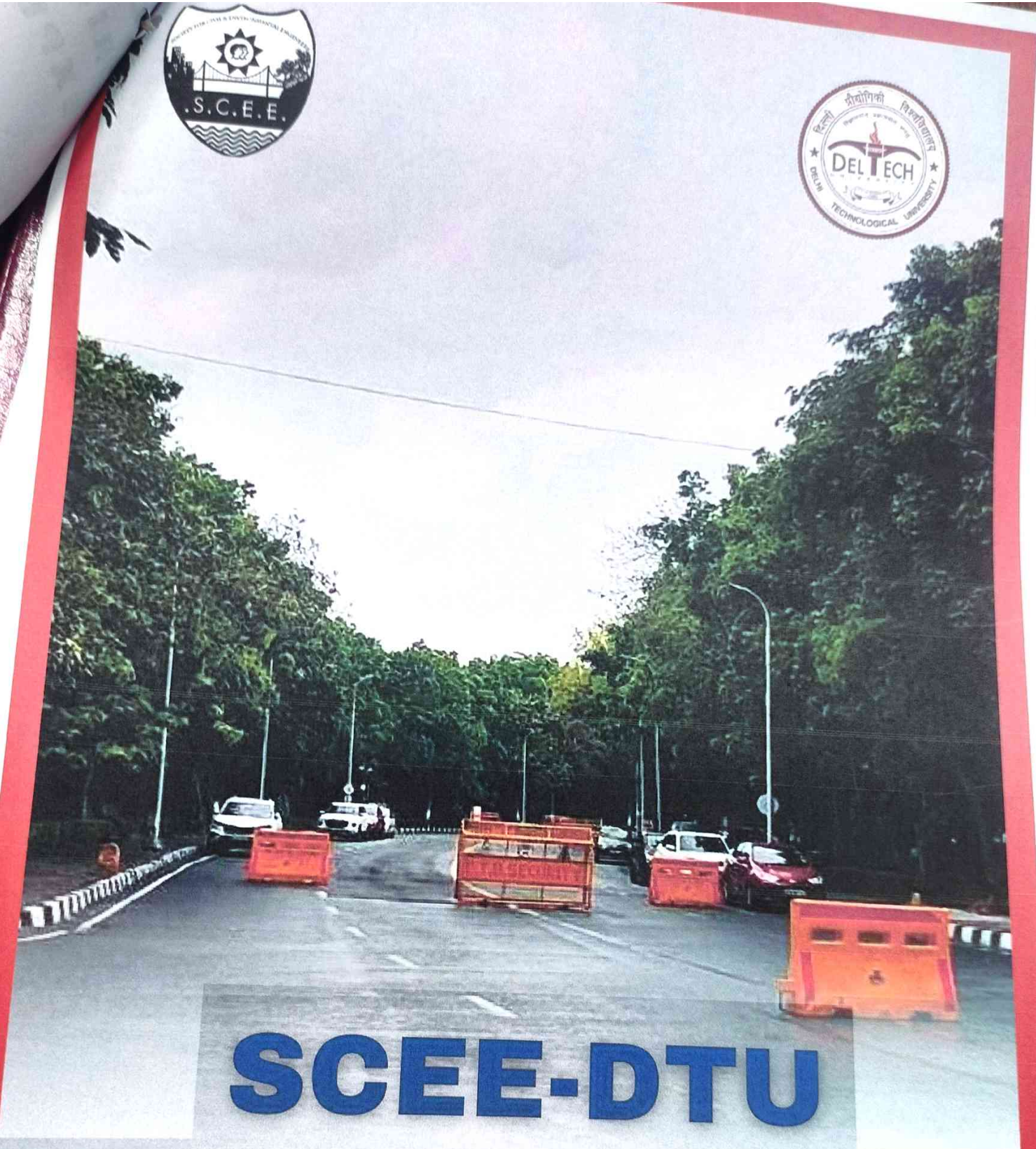


# IIT ROORKEE



March 20  
Indian Institute of Technology  
Roorkee





# SCEE-DTU

Contact us at  
**[scee@dtu.ac.in](mailto:scee@dtu.ac.in)**





**DEPARTMENT OF CIVIL ENGINEERING**  
**DELHI TECHNOLOGICAL UNIVERSITY**  
 (Formerly Delhi College of Engineering)  
 Shahbad Daulatpur, Bawana road, Delhi 110042

**4.5.1. Number, quality of engineering events (organized at institute)**  
 (Level – Institute/State/National/International)

S. No.	Engineering events (organized at institute)	Details
1.	Geo-Meteorological Hazard Risk Management	<p>The Objectives of the FDP:</p> <ul style="list-style-type: none"> <li>• At the end of the training workshop, the delegates / participants will be able to:</li> <li>• Understand the concept of hazard and potential disaster risks in different parts of the sub-continent</li> <li>• Learn about the concepts of geo-meteorological hazards risks, know about the important international agreements and declarations on disaster risks reduction, climate change, urbanization and sustainable development</li> <li>• Understanding National Guidelines pertaining to Geo-meteorological Hazards Risk Management, challenges and gaps in current risk management practices to prevent and reduce the impacts of disasters</li> <li>• Learn about different disaster management initiatives and actions in India, optimizing disaster - management strategy</li> <li>• Risk and vulnerability assessment of different natural disasters like landslides, earthquakes, droughts and floods, etc.</li> </ul>
2.	Disaster Preparedness and Risk Reduction	<p>The Objectives of the FDP:</p> <ul style="list-style-type: none"> <li>• The overall objective is to introduce the basics of the Disaster Management and risk reduction for natural and manmade disasters.</li> <li>• Foresee associated threats and secondary effects to natural and man-made disasters.</li> <li>• Expose the participants to contemporary disaster like urban flooding, fire accidents etc.</li> <li>• Provide a framework to the participants to pursue future research in this domain.</li> <li>• To encourage faculty members to develop responsive curricula, teaching materials, and pedagogical</li> </ul>

Head, Department of Civil Engineering  
 Delhi Technological University  
 Govt. of NCT of Delhi  
 (Formerly Delhi College of Engineering)  
 Shahbad Daulatpur, Bawana Road,  
 Delhi-110042



		<p>approaches that address the various dimensions of disasters management for oriented education and research in disaster risk reduction and related field</p> <ul style="list-style-type: none"> <li>• To encourage faculty members to undertake research that contributes to the understanding of gender dynamics and informs gender-responsive policies and practices.</li> <li>• To foster networking and collaboration among faculty members, researchers, practitioners, and policymakers working in the field of disaster risk reduction.</li> </ul>
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 Delhi-110042



National Level Training Programme  
on  
**GEO-METEOROLOGICAL HAZARDS RISK MANAGEMENT**

**Jointly Organized by**

National Institute of Disaster Management  
(Ministry of Home Affairs, Govt. of India, New Delhi)  
&

Department of Civil Engineering, Delhi Technological University, New Delhi

**Name of the course:** National Level Training Programme on "Geo-Meteorological Hazards Risk Management" 10-14 February 2020 at Delhi Technological University, Shahbad Daulatpur, Main Bawana Road, Delhi.

1. **Duration:** 10-14 February 2020
2. **Venue:** Delhi Technological University, Shahbad Daulatpur, Main Bawana Road, Delhi.
3. **Training Coordinators:** Dr. Surya Prakash (NIDM), Dr. Shilpa Pal (DTU), Dr. Raju Sarkar (DTU), Mr. Anil Kathait (NIDM)
4. **Objectives:** At the end of the training workshop, the delegates / participants will be able to:
  - Understand the concept of hazard and potential disaster risks in different parts of the sub-continent
  - Learn about the concepts of geo-meteorological hazards risks, know about the important international agreements and declarations on disaster risks reduction, climate change, urbanization and sustainable development
  - Understanding National Guidelines pertaining to Geo-meteorological Hazards Risk Management, challenges and gaps in current risk management practices to prevent and reduce the impacts of disasters
  - Learn about different disaster management initiatives and actions in India, optimizing disaster – management strategy
  - Risk and vulnerability assessment of different natural disasters like landslides, earthquakes, droughts and floods, etc.
5. **Methodology:** Lectures, Presentations, Field Visit, Group Exercise & Group Presentations and Discussions.
6. **Schedule:** Copy attached at the end of this report.
7. **Participant's profile:** The participants had varying academic background with most of them being post-graduates. The sponsoring departments included NDRF, Civil Defense, DDMA, Medical & Health, academicians of Educational Institutions, officers of P.W.Ds.



- 33/0
8. List of participants for the National Level Training Programme on Geo-Meteorological Hazards Risk Management" 10-14 February 2020.

REGISTRATION OF PARTICIPANTS OF TRAINING PROGRAMME			
SR. NO.	NAME	DESIGNATION	ADDRESS
1.	MS. ARTI CHOUKSEY	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI
2.	DR. AJAI MISHRA	PROFESSOR	DEPARTMENT OF GEOLOGY, UNIVERSITY OF LUCKNOW, UTTAR PRADESH
3.	MR. AKHILESH KUMAR	INSPECTOR/GD	12 <sup>TH</sup> BN NDRF DOIMUKH, ARUNACHAL PRADESH
4.	MR. ALOK MISHRA	RESOURCE COORDINATOR	SARVA SHIKSHA ABHIYAN, PALANPUR, GUJARAT
5.	MR. ALOK RANJAN	EXECUTIVE OFFICER	NAGAR PANCHAYAT, JASRANA, FIROZABAD, UTTAR PRADESH
6.	DR. ANUJ KUMAR PURWAR	ASSISTANT PROFESSOR	SCHOOL OF ENGG. AND TECHNOLOGY, ACADEMIC BLOCK C, IGNOU, NEW DELHI
7.	MR. ARVIND CHAUHAN	DOCUMENTATION COORDINATOR	DEPUTY COMMISSIONER OFFICE, DDMA, DISTRICT SIRMOUR, HIMACHAL PRADESH
8.	DR. DILIP KUMAR SINGH	DEPUTY DIRECTOR	MPSDMA, BHOPAL, MADHYA PRADESH
9.	DR. IMTIYAZ JAHANGIR KHAN	ASSISTANT PROFESSOR	SHER-E-KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCE AND TECHNOLOGY OF KASHMIR SHALIMAR, SRINAGAR, J&K
10.	MR. INDRAJIT DAS	LDC	THE DISTRICT MAGISTRATE & COLLECTOR, WEST TRIPURA DISTRICT, AGARTALA-799001
11.	MR. JAYESH MUKHERJEE	RESEARCH SCHOLAR	CENTRE FOR THE STUDY OF REGIONAL DEVELOPMENT, SCHOOL OF SOCIAL SCIENCES - III, JAWAHARLAL NEHRU UNIVERSITY, NEW DELHI
12.	MR. LAKHAN KUMAR	RESEARCH SCHOLAR	DEPTT. OF BIOTECHNOLOGY, DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
13.	MR. MOHIT SHARMA	DISTRICT PROJECT OFFICER	DDMA (WEST), SHIVAJI PLACE RAJA GRADEN, NEW DELHI



14.	MR. PARITOSH RANJAN	ASSISTANT ENGINEER	IRRIGATION DEPTT. BHADOHI, UTTAR PRADESH
15.	MR. PINTU DEBNATH	LDC	THE DISTRICT MAGISTRATE & COLLECTOR, WEST TRIPURA DISTRICT, AGARTALA-799001
16.	DR. PRABUDDH KUMAR MISHRA	ASSISTANT PROFESSOR	SHIVAJI COLLEGE, DU, NEW DELHI
17.	MR. PRASHANT KUMAR	DISASTER EXPERT	DDMA, DISTRICT COLLECTOR OFFICE, CIVIL LINES MORADABAD, UTTAR PRADESH
18.	MS. PRIYANKA D. BHOYAR	RESEARCH SCHOLAR	AMITY UNIVERSITY, MANESAR, PANCHGAON, HARYANA
19.	MR. RAJENDRA KUMAR DUBEY	EXECUTIVE OFFICER	NAGAR PANCHAYAT, BHADOHI, UTTAR PRADESH
20.	MR. RABI ROUTH	RESEARCH SCHOLAR	CSRD, JNU, DELHI
21.	MR. SAMARDEEP CHAWLA	PROJECT COORDINATOR	DDMA, CIVIL LINES, NEW DELHI
22.	MR. SHASHI SHEKHAR SHUKLA	RESEARCH SCHOLAR	CSRD, JNU, DELHI
23.	MS. SHUBHAM CHAUDHARY	JOINT GOVERNANCE SECRETARY	DISASTER MANAGEMENT, RELIEF & CIVIL DEFENCE DEPARTMENT, RAJASTHAN
24.	MR. SUDAMA SINGH YADAV	ASSISTANT ENGINEER	PUBLIC WORK DEPARTMENT, BHADOHI, UTTAR PRADESH
25.	MR. SURESH KUMAR NAGAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
26.	DR. SUPRAKASH PAN	ASSISTANT PROFESSOR	HARINGHATA MAHAVIDYALAYA, NADIA, WEST BENGAL
27.	MR. TARUN DEBBARMA	ADDL. DISTRICT MAGISTRATE & COLLECTOR	THE DISTRICT MAGISTRATE & COLLECTOR, WEST TRIPURA, DISTRICT, AGARTALA
28.	MR. THAER M. SHOMAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
29.	THATHIREDDY VIJITHA SREE	RESEARCH SCHOLAR	COEDMM, IIT ROORKEE, UTTARAKHAND
30.	MR. VINOD KUMAR	LECTURER	DISTT. INSTITUTE OF EDUCATION AND TRAINING MAHENDERGARH, HARYANA



31.	DR. RITU RAJ	ASSISTANT PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
32.	MR. NARAD MUNI PRASAD	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
33.	DR. T. VIJAY KUMAR	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
34.	DR. S. ANBU KUMAR	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
35.	DR. NARESH KUMAR	PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
36.	DR. PRADEEP KUMAR GOYAL	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
37.	MR. HRISHIKESH DUBEY	ASSISTANT PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
38.	MR. DEEPAK SINGH	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
39.	MR. UZMA BASHIR WANI	RESEARCH SCHOLAR	C-110 RAJU PARK, KHANPUR, NEW DELHI
40.	MR. NERUSUPALLI DINESH KUMAR REDDY	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
41.	MR. SHANKO AYELE ABERA	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
42.	MS. SHRUTI AGGARWAL	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
43.	MR. ANKIT KUMAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
44.	MR. PRATEEK ROSHAN	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.



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45.	MR. SRIJAN	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
46.	MS. ISTUTI SINGH	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
47.	MS. NISHA KUMARI	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
48.	MR. ANKUR DUBEY	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
49.	MR. MANVENDRA VERMA	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
50.	MR. INDRAJEET SINGH	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
51.	MR. ARUN KUMAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
52.	MR. ABHISHEK PRAKASH PASWAN	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
53.	MR. PARVESH KUMAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
54.	MS. SALILA BHARTI	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
55.	MR. NITIN LAMBA	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
56.	MS. GEETA DEVI	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
57.	MR. PANKAJ GOSWAMI	ASSISTANT PROFESSOR	SHIVALIK COLLEGE OF ENGINEERING, DEHRADUN
58.	MR. SHILEDRA UMRAO	INSPECTOR	10 <sup>TH</sup> BN NDRF, GUNTUR, ANDHRA PRADESH



29/C

59.	DR. SIDDU HULLOLLI	ASSISTANT COMMISSIONER	OFFICE OF ASSISTANT COMMISSIONER, JAMAKHADI, KARNATAKA
60.	DR. JAYASHREE M. EMMI	DISTRICT MALARIA OFFICER	DISTRICT HEALTH AND FAMILY WELFARE OFFICE, BAGALKOT, KARNATAKA
61.	MR. NAZIM ZAI KHAN	DISTRICT MAGISTRATE	OFFICE OF DC RAMBAN, OFFICE OF THE DEPUTY COMMISSIONER, RAMBAN, J&K
62.	MR. JAVID AHMAD SHEIKH	TEHSILDAR	OFFICE OF THE TEHSILDAR, BANIHAL, RAMBAN, J&K
63.	MR. FEYAIZ AHMAD BALI	JR. ASSISTANT	REVENUE DEPARTMENT, RAMBAN, J&K
64.	MR. AMIT SHARMA	BLOCK STATISTIC OFFICER	BLOCK STATISTICAL OFFICE, AMER, JAIPUR, RAJASTHAN
65.	MR. UDAYAN SINHA	ADM & COLLECTOR	OFFICE OF THE DM & COLLECTOR SEPAHIJALA DISTRICT, TRIPURA
66.	MR. ABHIRAM DEBBARMA	OFFICER-IN-CHARGE	OFFICE OF THE DM & COLLECTOR SEPAHIJALA DISTRICT, TRIPURA
67.	MS. POOJA RANA	PLANNER	UTTARAKHAND SDMA, UTTARAKHAND
68.	MS. LEEZA RATHORE	AGRICULTURE DEVELOPMENT OFFICER	SOIL CONSERVATION NORTH ZONE, PALAMPUR, KANGRA, HIMACHAL PRADESH
69.	MR. SANDEEP KUMAR RAWAL	INSPECTOR	7 <sup>TH</sup> BN NDRF, BATHINDA, PUNJAB
70.	MR. SUNIL VERMA	SDM	DHARAMPUR, DEPTT. OF REVENUE, HIMACHAL PRADESH
71.	MS. NIVEDITA NEGI	SDO	MANDI SADAR, SDM OFFICE, MANDI, HIMACHAL PRADESH
72.	MRS. TENZING PEMA BHUTIA	UNDER SECRETARY	PLANNING AND DEVELOPMENT DEPARTMENT, GANGTOK, SIKKIM
73.	MS. PALAK NIDHI NAYAK	CRA	REVENUE DEPARTMENT, DDMA, JALAUN, U.P.
74.	MR. BALRAM GUPTA	TEHSILDAR	REVENUE DEPARTMENT, JALAUN, UTTAR PRADESH
75.	MR. KAUSHAL KUMAR	SDM	REVENUE DEPARTMENT, JALAUN, UTTAR PRADESH
76.	MR. MRITUNJAY KUMAR	REBAR DETAILER	ADVANCE INFORMATICS, NEW FRIENDS COLONY, NEW DELHI



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77.	MS. REENU SINGH	REBAR DETAILER	ADVANCE INFORMATICS, NEW FRIENDS COLONY, NEW DELHI
78.	MS. AVANTIKA SINGH	RESEARCHER	DCRUST, SONIPAT, HARYANA.
79.	MS. PRABHA KUMAR	PROGRAMME EXECUTIVE	ALL INDIA RADIO, PARLIAMENT STREET, N.DELHI
80.	MS. NISHA BHARADWAJ	PROGRAMME EXECUTIVE	ALL INDIA RADIO, PARLIAMENT STREET, N.DELHI
81.	MR. AMIT KUMAR SHRIVASTAVA	PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
82.	DR. MUNENDRA KUMAR	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
83.	SUPRIYA PAL	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
84.	MR. AMOL KHANTE	DIRECTOR	CAC-ALLROUNDER NGO, BAJAJNAGAR, NAGPUR, MAHARASHTRA
85.	MR. ANKUSH GAWANDE	DISTRICT DISASTER MANAGEMENT OFFICER	COLLECTOR OFFICE, NAGPUR, MAHARASHTRA
86.	MR. ANANTKUMAR YOGEESHWAR CHAHARE	INSTRUCTOR/ REPRESENTATIVE	PRAHAR SAMAJ JAGRUTI SANSTHA, NAGPUR, MAHARASHTRA
87.	MR. CHANDRASHEKHAR GUND	PROJECT ASSOCIATE	DISTRICT NRDMS (NATURAL RESOURCE DATA MANAGEMENT SYSTEM) CENTER, KARNATAKA STATE COUNCIL FOR SCIENCE & TECHNOLOGY, BAGALKOTE, KARNATAKA
88.	MS. NEHA THAKUR	SCIENTIFIC PROFESSIONAL	HIMCOSTE, SHIMLA, HIMACHAL PRADESH
89.	MS. SWETA SHUKLA	RESEARCH SCHOLAR	SPECIAL CENTRE FOR THE DISASTER RESEARCH, JNU, DELHI
90.	MR. ANIL KUMAR SAHU	PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
91.	MR. SUSHEEL KUMAR	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.



92.	MR. ANSARI ABDULLAH MOMIN MOHAMMED AMEEN,	RESEARCH SCHOLAR	IIT DELHI, DELHI
93.	DR. N. JAYANTHI	ASSISTANT PROFESSOR	DEPARTMENT OF ELECTRONICS & COMM. ENGG., DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
94.	MR. SUSHANT KAMAL	RESEARCH SCHOLAR, DEPARTMENT OF CIVIL ENGINEERING, DELHI TECHNOLOGICAL UNIVERSITY, DELHI	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
95.	MOHIT TYAGI	ASSISTANT ENGINEER, ENGINEERING CELL	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
96.	DR. MALTI BANSAL	ASSISTANT PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
97.	BIMAL JAIN	EXECUTIVE ENGINEER, ENGINEERING CELL	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
98.	MR. DWIJENDRA PANDEY	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
99.	MS. SHAMBALID AHADY	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
100.	MS. AAYUSHI PANDEY	JRF	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
101.	MR. GOPINADH RONGALI	JRF	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
102.	MS. RIMJHIM RAO	JRF	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
103.	ANUSHA KANT	ARCHITECT URBAN DESIGNER	TECHNICAL CONSULTANT OF SUSTAINABLE URBANISM, JASOLA VIHAR, N.DELHI
104.	MATIUL HAQ ANSARI	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.



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105.	HARISH CHAND	SUB DIVISION OFFICER	U.P. IRRIGATION DEPARTMENT, MUZAFFARNAGAR DIVISION GANGA CANAL, U.P.
106.	MEHRAJUDDIN WANI	PROJECT MANAGER	INDUSTRIES & COMMERCE, GOVT. OF J&K
107.	MUNINDRA	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
108.	ALTAF AHMAD MIR	COORDINATOR- NODAL OFFICER	DISASTER MANAGEMENT, OFFICE OF DEPUTY COMMISSIONER, J&K
109.	VEERENDRA SINGH	RESEARCH SCHOLAR	SHARDA UNIVERSITY, UTTAR PRADESH
110.	SAKET KUMAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
111.	RAHUL KUMAR	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
112.	SUJAY KUMAR	URBAN PLANNER	TOWN & COUNTRY PLANNING ORGANISATION, VIKASH BHAWAN, PATNA, BIHAR
113.	RAHUL RANJAN	URBAN PLANNER	PATNA METROPOLITAN AREA AUTHORITY, BIHAR
114.	PADMA KANT JHA	LIASON OFFICER(SUPERINTENDENT OFFICER)	WATER RESOURCES DEPT. GOVT OF BIHAR
115.	RAKESH KUMAR KAMAL	ASSISTANT ENGINEER	WATER RESOURCES DEPT., SINCHAI BHAWAN, PATNA, BIHAR
116.	AMIT MAHLA	SUB DIVISIONAL ENGINEER	PWD, PROVISIONAL SUBDIVISION, KARNAL, HARYANA
117.	AKHILESH YADAV	ASSISTANT ENGINEER	EXEC. ENGINEER OFFICE, UP JAL NIGAM, SIDDHARTHANAGAR, UTTAR PRADESH
118.	KUSUM LATA	ASSISTANT FOOD & SUPPLIES OFFICER	ROHTAK, HARYANA
119.	ANUPAM TIWARI	SHEKHAR ADVISOR-DISTRICT DISASTER MANAGEMENT AUTHORITY, SIDDHARTHANAGAR, U.P.	DISTRICT DISASTER MANAGEMENT AUTHORITY, SIDDHARTHANAGAR, UTTAR PRADESH.
120.	A. SIVAKUMAR	DEPUTY SUPERINTENDING ENGINEER	BUILDING (CONSTRUCTION & MAINTENANCE) CIRCLE, PWD, CHENNAI
121.	S. MALLIKA	DEPUTY SUPERINTENDING ENGINEER	BUILDING (CONSTRUCTION & MAINTENANCE) CIRCLE, PWD, CHENNAI



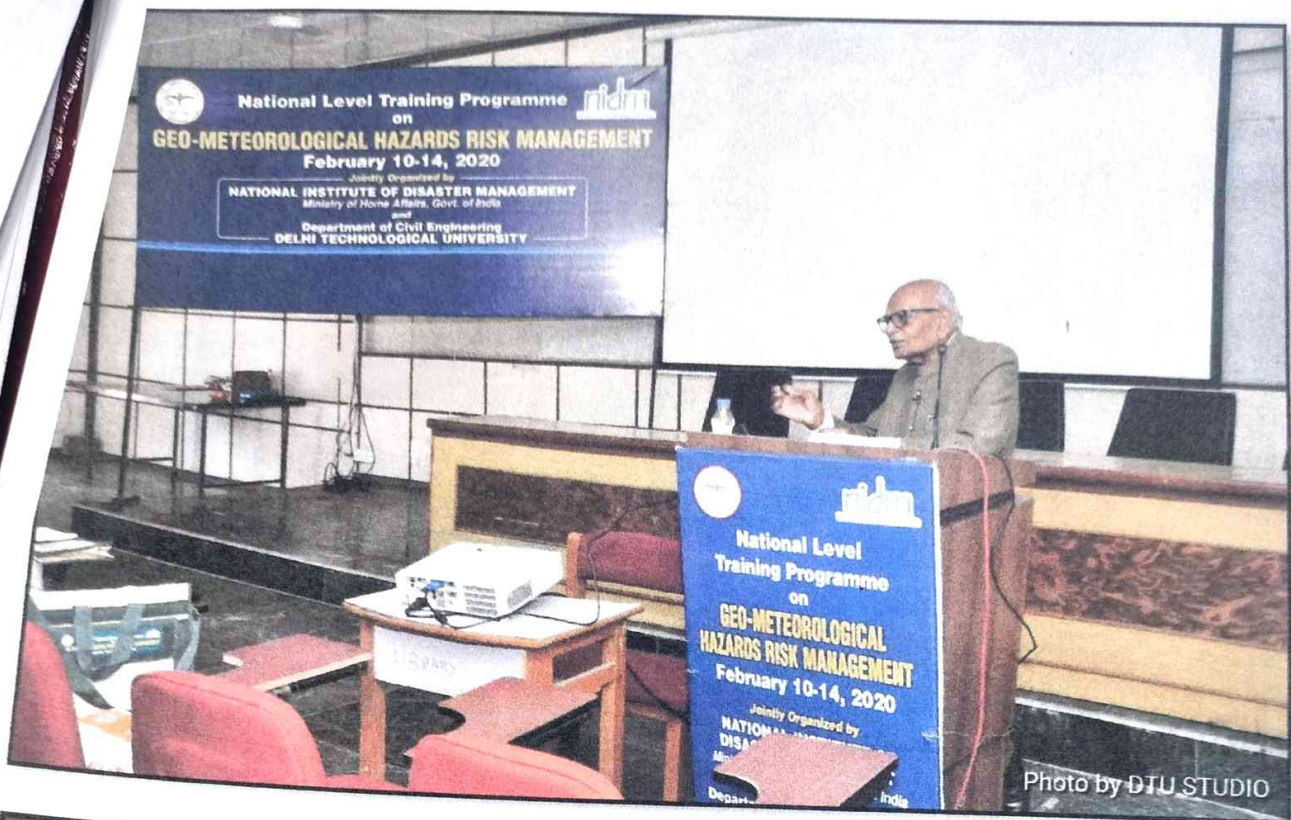
122.	V. KAMAL	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
123.	DR. PARMANAND	BIOLOGIST	O/O CIVIL SURGEON, HARYANA
124.	DR. PRAMOD KUMAR	MEDICAL OFFICER	GOVT. HOSPITAL, NARNAUL, HARYANA
125.	MR. AKASH ANAND	RESEARCH SCHOLAR	DEPARTMENT OF CIVIL ENGINEERING, AMU, UTTAR PRADESH
126.	ARSHAD IFTEKHAR	DPO	O/O MAGISTRATE, DDMA BRANCH, SHAHJAHAN ROAD, DELHI
127.	NEERAJ KANT	RESEARCH SCHOLAR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
128.	SOMDUTT SHARMA	SDE	HARYANA PWD DEPT, NARNAUL, HARYANA
129.	DESH RAJ	SDO	IRRIGATION DEPT, NARNAUL, HARYANA
130.	DAVENDER KUMAR	S.M.S AGRO	O/O DIRECTOR AGRICULTURE DEPT, ROHTAK, HARYANA
131.	PAYAL SAO	SENIOR HORTICULTURE DEVELOPMENT OFFICER	RAIPUR, CHHATTISGARH
132.	FAAKIRAH RASHID	PG STUDENT	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
133.	KSHITIJ GAUR	PG STUDENT	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
134.	SURESH KUMAR	ASST. PLANT PROTECTION OFFICER	AGRICULTURE & WELFARE DEPT, KARNAL, HARYANA
135.	NITISH KUMAR	PG STUDENT	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
136.	SHAGUN	PG STUDENT	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
137.	VINIT	PG STUDENT	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.



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138.	DR. BHARAT BHUSHAN KATOCH	JT-DHS	DEPARTMENT OF HEALTH AND FAMILY WELFARE, HIMACHAL PRADESH
139.	DR. M. JAYASIMHADRI	ASSISTANT PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
140.	DR. POORNIMA MITTAL	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
141.	DR. DINESH VISHWAKARMA	ASSOCIATE PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
142.	DR. GEETA SINGH	ASSISTANT PROFESSOR	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.
143.	GANESH PRASAD	INSPECTOR/EXE	NDRF, TAMIL NADU
144.	RUCHI SARASWAT	ASSISTANT PROFESSOR	JSS ACADEMY, NOIDA, UTTAR PRADESH
145.	DR. DHARAMPAL SINGH	D.D.AGRI	DEPT. OF AGRICULTURE, RAJASTHAN
146.	DR. ANUBHA MANDAL	SCIENTIST 'C'	DELHI TECHNOLOGICAL UNIVERSITY, SHAHBAD DAULATPUR, MAIN BAWANA ROAD, DELHI.













## **FACULTY DEVELOPMENT PROGRAMME ON**

### **DISASTER PREPAREDNESS AND RISK REDUCTION**

**..... September/October 2023**

Jointly Organized by

**National Institute of Disaster Management (NIDM),  
Ministry of Home Affairs, Govt. of India,**

**Delhi Technological University, Delhi  
and**

**Indian Universities and Institutions Network on Disaster Risk  
Reduction(IUINDRR-NIDM)**

#### **NIDM**

The National Institute of Disaster Management (NIDM) was constituted under an Act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. The efforts in this direction that began with the formation of the National Centre for Disaster Management (NCDM) in 1995 gained impetus with its redesignation as the National Institute of Disaster Management (NIDM) for training and capacity development. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management.

#### **IUINDRR-NIDM**

The Indian Universities and Institutions Network on Disaster Risk Reduction (IUINDRR-NIDM) has been established by NIDM pursuant to the Government of India directions and more specifically in conformity to the agenda-6 of the 10-point agenda for Disaster Risk Reduction(DRR) by the Honorable Prime Minister of India, Global issues on Climate Change Adaptation (CCA), Sendai Framework for Disaster Risk Reduction(2015-2030), and Sustainable Development Goals (SDG), for promoting education, innovative technology and research, facilitate capacity development, and contribute to decision-making for addressing local risks and the needs of the most vulnerable sections of community affected by various disasters.

IUINDRR-NIDM envisions in building nations and communities safe and resilient to disasters, through education, knowledge creation, research, technology and dissemination. The network also aims to exchange information among the universities and develop a pool of experts in the areas of disaster management.





#### About DTU

Delhi Technological University erstwhile Delhi College of Engineering came into existence in the year 1941 to cater for the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. For the past 82 years, the institute has maintained the tradition of excellence in Engineering and Technology Education, Research and Innovations.

The Department of Civil Engineering, DTU offers B.Tech programme in Civil Engineering at the undergraduate level and offers M. Tech. degree programmes at the postgraduate level. The M. Tech. Programmes for about the last 40 years have contributed significantly to manpower development in highly relevant areas of national importance. The department also provides an opportunity to working engineers for upgrading their qualifications under Continuing Education Programme.

The Indian subcontinent is among the world's most disaster-prone areas. Of the 28 states and 8 union territories, 22 are disaster-prone. It is vulnerable to wind storms spawned in the Bay of Bengal and the Arabian Sea, earthquakes caused by active crustal movement in the Himalayan mountains, floods brought by monsoons, and droughts in the country's arid and semi-arid areas including the epidemics like COVID. They are extraordinary times that call for holding such a program that provides momentum to the process of knowledge gathering, sharing of information and training. It also sensitizes the participants/delegates about the due importance of Disaster Risk Reduction (DRR).

Hence, the Department of Civil Engineering, DTU is looking forward to collaboration with NIDM to jointly organize a One Week - Five Days Faculty Development Program on **ISASTER PREPAREDNESS AND RISK REDUCTION** for the faculty members from govt./private institutions/university to disseminate information concerning disasters and also create a vast and multidisciplinary understanding of the issues pertaining to managing such disasters among the participants.

#### The essence of the FDP:

The FDP aims to empower faculty members to integrate dynamics of disaster risk and resilience and contribute to the development of responsive policies, strategies, and practices in disaster management.

It is in the above context, in order aims to foster greater gender equality, inclusivity, and resilience in the face of disasters at the regional platform, IUINDRR-NIDM, National Institute of Disaster Management, MHA, GOI in collaboration with Delhi Technological University, Delhi is proposing 5 days offline Faculty Development Program (FDP) programme "DISASTER PREPAREDNESS AND RISK REDUCTION".





### The Objectives of the FDP:

- The overall objective is to introduce the basics of the Disaster Management and risk reduction for natural and manmade disasters.
- Foresee associated threats and secondary effects due to natural and man-made disasters.
- Expose the participants to contemporary disasters like urban flooding, fire accidents etc.
- Provide a framework to the participants to pursue future research in this domain.
- To encourage faculty members to develop responsive curricula, teaching materials, and pedagogical approaches that address the various dimensions of disasters management for oriented education and research in disaster risk reduction and related field
- To encourage faculty members to undertake research that contributes to the understanding of gender dynamics and informs gender-responsive policies and practices.
- To foster networking and collaboration among faculty members, researchers, practitioners, and policymakers working in the field of disaster risk reduction.

**Date of the FDP and tentative timings:** September/October 2023

### Training Methodology:

Lecture-cum-Discussions

Presentation of case Study

Group Discussion and presentations

Audio-Visual Show

Question- answer sessions

Recapitulation, Feedback and Evaluations.

### Course Fee, accommodation, and other arrangements:

There is no course fee for the programme. Lodging and Boarding will not be provided by DTU. There is no grant for Travel.

### Duration of the Programme:

Five Days Faculty Development Program. Attending all the sessions and other completing other evaluation formalities are mandatory to get the participation certificates.





#### Participants:

Faculty members from govt./private institutions/university from any streamteaching the students of UG/PG.

#### Nominations:

The nominations will be invited from all the universities and institutes to join for the FDP. Once the nominations are received, the participants will be selected and informed to join for the FDP.

**Number of participants: 45(it can go upto 60)**

The nomination for participation in the FDP to be done by filling the below form: For Registration click on: .....

#### Esteemed Speakers:

- Prof. Santosh Kumar, Senior Advisor, NIDM
- Prof Surya Prakash, NIDM
- Prof Vasant Matsagar, IIT Delhi
- Prof Pankaj Aggarwal IIT Roorkee
- Prof M. L.Sharma, IIT Roorkee
- Dr. Alok Bhardwaj, IIT Roorkee
- Prof. Raju Sarkar, DTU
- Prof Amir K.Srivastava, DTU
- Prof Munendra Kumar, DTU
- Dr. Shilpa Pal, DTU
- Dr. Preeti Soni, SPC, NIDM

#### Event Organizers

##### *Chief Patron*

Prof. J.P.Saini, Vice Chancellor,  
DTU, Delhi

Shri Rajendera Ratnoo (IAS),  
Executive Director, NIDM, MHA, GOI

##### *Patron*

Prof. Madhusudan Singh, Registrar, DTU

##### *Programme Director*

Prof. Vijay K.Minocha, HOD  
Civil Engg, DTU

Prof. Santosh Kumar  
Senior Advisor, NIDM

##### *Coordinators*

Dr. Shilpa Pal,  
DTU, Delhi

Dr Preeti Soni  
Senior Programme Consultant

##### *Co-coordinators*

Prof. Raju Sarkar, Prof. Munendra Kumar, DTU





**Address for Correspondence**  
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Delhi Technological University,  
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[shilpapal@dtu.ac.in](mailto:shilpapal@dtu.ac.in)  
# +91- 8800325860

Prof. Raju Sarkar  
Co-coordinator  
Department of Civil Engineering  
Delhi Technological University  
Delhi – 110042  
[rajusarkar@dce.ac.in](mailto:rajusarkar@dce.ac.in)  
+91-7678120434

**Venue**

The course shall be conducted in offline/physical mode in the premises of Department of Civil Engineering, DTU, Delhi.

**Program Details / Technical Sessions:**

<b>Day 1</b>	<b>Registration &amp; Inaugural Ceremony</b>
<b>Day 1</b>	<ul style="list-style-type: none"><li>• Introduction to Basic Concepts of DM</li><li>• National disaster management policies</li><li>• Role of national forces for disaster response</li></ul>
<b>Day 2</b>	<ul style="list-style-type: none"><li>• Earthquake Hazard &amp; Mitigation</li><li>• Earthquake Mock Drill</li><li>• Do's &amp; Don't before, during and after earthquake</li></ul>
<b>Day 3</b>	<ul style="list-style-type: none"><li>• Landslides Hazard &amp; Management</li><li>• Do's &amp; Don't</li></ul>
<b>Day 4</b>	<ul style="list-style-type: none"><li>• Flood Hazard &amp; Rescue Management</li><li>• Cyclone Protective Measures</li><li>• Tsunami Hazards &amp; Protective Measures</li><li>• Do's &amp; Don't</li></ul>
<b>Day 5</b>	<ul style="list-style-type: none"><li>• Fire Hazards, Impact and Mitigation</li><li>• Do's &amp; Don't before, during and after fire</li><li>• Remote Sensing for Natural Hazards</li></ul>
<b>Day 5</b>	<b>Valedictory Function</b>



All participants will be required to be present during the entire training programme. The deliberations during the training programme will be done primarily in English language.

#### ABOUT NIDM

National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India is a premium institute and a Statutory Body (under Disaster Management Act 2005) for training, research, documentation, awareness and human resources and capacity development in the field of disaster mitigation and management. The institute lays emphasis on multi-stakeholder interdisciplinary cross-sectoral approach for an efficient proactive continuous disaster risk management based on participatory integrated multi-risk management concept. It aims towards a disaster free and resilient India.

#### About DTU

Delhi Technological University erstwhile Delhi College of Engineering came into existence in the year 1941 to cater for the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. For the past 82 years, the institute has maintained the tradition of excellence in Engineering and Technology Education, Research and Innovations.

The Department of Civil Engineering, DTU offers B.Tech programme in Civil Engineering at the undergraduate level and offers M. Tech. degree programmes at the postgraduate level. The M. Tech. Programmes for about the last 40 years have contributed significantly to manpower development in highly relevant areas of national importance. The department also provides an opportunity to working engineers for upgrading their qualifications under Continuing Education Programme.

#### REGISTRATION

The delegates / participants of the programme will assemble in the Department of Civil Engineering, DTU, Delhi at 09:30 AM on Monday, 11<sup>th</sup> Dec 2023 and will register themselves. NIDM & DTU officials will assist them in Registration.

Also Participants need to register themselves on NIDM training portal for the programme at: <https://training.nidm.gov.in/>.

#### ORGANIZING TEAM

##### Chief-Patrons

Shri Rajendra Ratnoo, IAS  
Executive Director,  
NIDM, MHA, GoI  
Email: [ed.nidm@nic.in](mailto:ed.nidm@nic.in)

Prof. Prateek Sharma,  
Vice Chancellor,  
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##### Patrons

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Registrar, DTU ([registrar@dtu.ac.in](mailto:registrar@dtu.ac.in))

##### Programme Chairs

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Professor & Head  
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CBRN, Industrial And Cyber DRR Division  
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Prof. Vijay K. Minocha,  
HOD Civil Engg, DTU

##### Programme Coordinators

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Shri Shubham Badola  
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Contact No.: +91-8954011996

##### For further details or information, please contact:

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Contact No.: +91-8800325860

Shri Shubham Badola  
Young Professional,  
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Contact No.: +91-8954011996



**nidm**

Resilient India - Disaster Free India

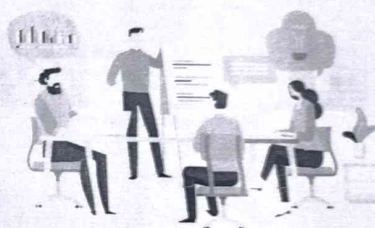


Faculty Development Programme  
on

"Disaster Preparedness and Risk  
Reduction"

11<sup>th</sup> -15<sup>th</sup> Dec 2023

(Monday- Friday)



Organized by

Geo-Meteorological Risks Management Division,  
through

India Universities and Institutions Network for  
Disaster Risk Reduction of National Institute of  
Disaster Management

Ministry of Home Affairs, Govt. of India

in collaboration with

Department of Civil Engineering,  
Delhi Technological University, Delhi



## INTRODUCTION:

The unique geo-climatic and socio-economic attributes of the India has marked it as one of the highly vulnerable country to different hazards in the world map. The National Disaster Management Plan 2019 has highlighted both natural and human induced hazards. Earthquakes, landslides, floods, droughts and cyclones are some of the major geo-meteorological hazards that affect the nation. On the other hand, NDMP-2019 made a note of increased risk from many kinds of human-induced hazards arising from accidents (industrial, road, air, rail, on river or sea, building collapse, fires, mine disasters, oil spills, etc.) and Chemical, Biological, Radiological, and Nuclear (CBRN) hazards.

The Indian subcontinent is among the world's most disaster-prone areas. Of the 28 states and 8 union territories, 22 are disaster-prone. It is vulnerable to wind storms spawned in the Bay of Bengal and the Arabian Sea, earthquakes caused by active crustal movement in the Himalayan mountains, floods brought by monsoons, and droughts in the country's arid and semi-arid areas including the epidemics like COVID. They are extraordinary times that call for holding such a programme that provides momentum to the process of knowledge gathering, sharing of information and training. It also sensitize the participants/delegates about the due importance of Disaster Risk Reduction (DRR).

In pursuance to mandate envisaged under Disaster Management Act 2005, NDM proposes a collaborative five days Faculty Development Programme on DISASTER PREPAREDNESS AND RISK REDUCTION for the faculty members of technical institutions/university/colleges to disseminate information concerning disasters and also create a vast and multidisciplinary understanding of the issues pertaining to managing such disasters among the participants.

Sharing and exchanging knowledge/information on Disaster Risk Reduction and Resilience including some important national initiatives and international agreements / frameworks on DRR including Disaster Management Act, National Disaster Management Plan, National Disaster Management Policy, Standard Operational Procedures on Disaster Management and various Guidelines on different types of disasters and related functions, SFDRR, Climate change (COP21), sustainable development (SDGs) in disaster management. The training programme will focus on sensitizing on disaster risk management by highlighting the strategies to build back better for exiting development and build to last for upcoming

development activities by the respective department/institute.

The programme involves senior level resource persons, experts, professionals and functionaries who have very long and meaningful experiences with vast knowledge on the subject. During the programme, there will be presentations, panel discussions and group exercises and with case studies, sharing of ideas and expertise / skills related to disaster risk reduction and resilience with scope, advantages and limitations as well as issues, challenges and opportunities in managing disaster events including the ethical perspectives. Government of India has established a well-structured disaster management system defining roles, responsibilities and procedures for different stakeholders as well as allocation of adequate funds through different mechanisms for undertaking activities on DRR&R. It has also laid down guidelines, procedures and protocols for Disaster Management functionaries. The programme will provide information about such documents and key important points to be considered in disaster risk reduction and resilience.

It is expected that the programme would serve as a milestone for further actions in enhancing our capacities to reduce disasters and their impacts as part of the national goal to make the country disaster resilient through proactive prior planning on disaster risk reduction and resilience at proper place and time.

## PROGRAMME DETAILS

The programme details including the tentative schedule of the training and the likely resource persons will be provided separately before the programme.

## CERTIFICATE

All the eligible participants with 60% attendance will get the certificate of participation.

## EVALUATION OF THE PROGRAMME

The training programme shall have a dedicated session for feedback and valediction. The participants will be provided with valuation pro- forma, which may be completed and handed over to the programme staff.

## OBJECTIVES

At the end of training workshop, the delegates/participants will be able

1. To develop better understanding about Disaster Risk Reduction and Resilience (DRR&R) strategies.
2. To learn about the relevant Acts, Policies, Plans, Guidelines and SOPs on Disaster Management in the country.
3. Foresee associated threats and secondary effects due to natural and human induced hazard.
4. Provide a framework to the participants to pursue future research in this domain.
5. To encourage faculty members to develop responsive curricula, teaching materials, and pedagogical approaches that address

the various dimensions of disasters management for oriented education and research in disaster risk reduction and related field.

6. To encourage faculty members to undertake research that contributes to the understanding of gender dynamics and informs gender-responsive policies and practices.
7. To foster networking and collaboration among faculty members, researchers, practitioners, and policymakers working in the field of disaster risk reduction.

## BASIC COURSE LEARNING UNITS

Contents of the course would touch upon following aspects, to achieve the objectives.

- Basic understanding of hazards
- Basic Concept of DM Act 2005 and other guidelines/plans/policies regarding DRR
- Linkages among development, climate change, urbanization and disaster management
- Tools & techniques of HVCR in mining
- Group Exercise on Hazard, Vulnerability, Capacity and Risk Assessment (HVCR)
- DM Plan formulation

## SUGGESTED READINGS

- Disaster Management Act 2005
- NDM Policy 2009
- National Disaster Management Plan 2019
- SOP for Responding to Disasters (<http://ndmindia.nic.in/>)
- Environment Protection Act 1986
- National Education Policy 2020

## TARGET GROUP

The target group for this programme would be faculty members from technical institutions/universities from any stream teaching the students of UG/PG.

## BOARDING, LODGING AND VENUE OF THE PROGRAMME

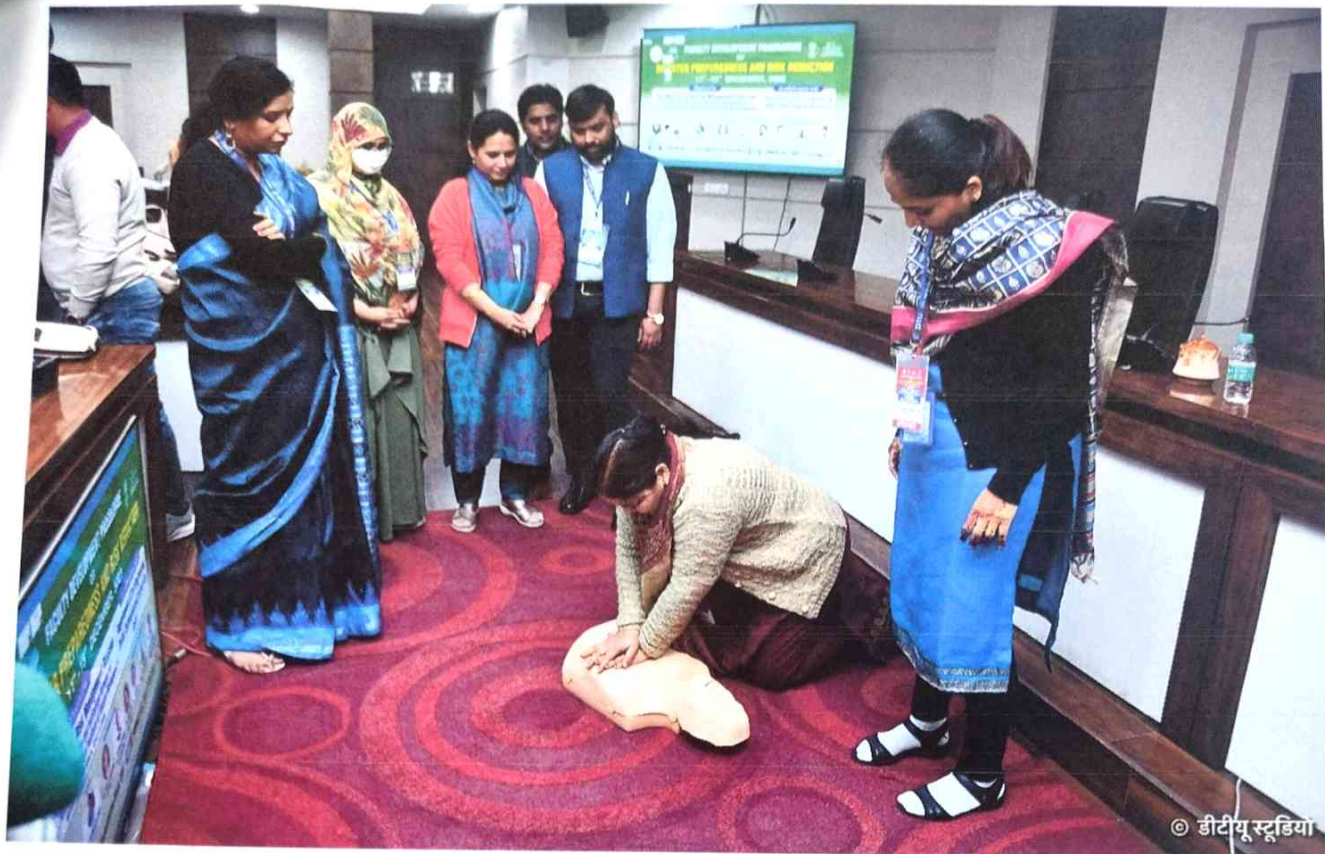
No Boarding 7 Lodging facility is available at DTU.

The programme will be held at the Department of Civil Engineering, DTU, Delhi. It will commence at 10:00 AM on Monday, 11th Dec 2023 and will conclude on 5:00 PM on Friday, 15th Dec 2023. The duration of the training programme will be 5 days.





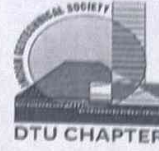






## **Indian Geotechnical Society DTU**

**Delhi Technological University (Formerly DCE),  
Bawana Road, New Delhi - 110042**



S.No	Name	Council Post
1	Rajeev	President
2	Ayush	Vice President
3	Ishank	General Secretary
4	Anika	General Secretary
5	Arpit Meena	Treasurer

Head, Deptt. of Civil Engineering  
Delhi Technological University  
Govt. of NCT of Delhi  
(Formerly Delhi College of Engg.)  
Shahbad Daulatpur, Bawana Road,  
Delhi-110042



**Subject:** Approval to Conduct "Expert Lecture Series" by IGS DTU to be held in the upcoming months of October and November, 2023

Indian Geotechnical Society (IGS-DTU), the newly established society as per the office order DTU/DSW/20233-23/F. No 126/153 is willing to conduct "Expert Lecture Series"

The **Expert Lecture Series** aims to serve as a gateway to understanding the groundbreaking advancements that are reshaping the world of Civil Engineering and sustainable development. The aim is to enrich the students with the knowledge in their respective subjects and to provide them latest sufficient information related to technical field. Since the profession is rooted in science and technology, civil engineer students need to have an in-depth knowledge of the concepts of applied science.

**3 Expert Lectures** will be conducted in the upcoming months, tentatively in the first and second week of the months as given below-

- October 2023 (Guest Lecture 1 & 2)
- November 2023 (Guest Lecture 3)

The expected expenditure in lump-sum of all the guest lectures :-

<i>Category of Expenditure</i>	<i>Estimated Expenses (Rs)</i>	<i>Action</i>
Logistics	51,840	
Honorarium	15,000	
Travel Allowance	3,600	
Saplings		Engineering Cell
Refreshments		GA Branch
Lunch		GA Branch
Mementos		DSW
Total	Rs 70,440/-	

**(Rupees Seventy Thousand Four Hundred Forty only)**

It is requested to give permission to conduct "Expert Lecture Series" in the tentative schedule given above and also to direct concerned departments to provide related services for the event which may include saplings, refreshments and lunch for the invited guest, speakers, industry leaders and attendees by the respective branches/departments of DTU.



The competent authority is requested to give A/A and E/S for a total sum of Rs 70,440/- to conduct "Expert Lecture Series" to be conducted in the upcoming months of October and November, 2023.

The request proposal and other relevant documents are placed in the file for consideration.

Anwar  
11/8/23  
Prof A.K. Srivastava  
Faculty Advisor  
IGS DTU

DSW

File is submitted for your kind approval for Expert Lecture Series with an E/S of Rs 70,440/-.

Indu An  
14/9/2023

Registrar

19/9/23

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Please examine

November  
19/09/2023

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P.T. U

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18/9/23

2512/Rg  
19/9/23

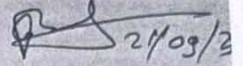


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(9)

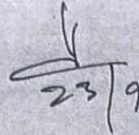
As proposed at para 5, if agreed to, the Registrar, DTU may be requested to accord A/A of Rs. 70,440/- (Rupees Seventy Thousand Four Hundred Forty Only) towards organizing Expert Lecture Series as detailed at para 3. The payment of Experts/Vendors will be paid directly by the University on production of Vouchers. Further the hospitality arrangement may be made by GA Branch and sapling may be arranged by Engineering Cell. The mementos will be arranged by the DSW branch. The expenditure may be debited to A/c head 1.3.04(Honorarium and TA to guest lecturers etc) subject to following all the codal formalities of GFR 2017 and DTU Norms.

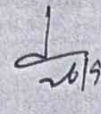
Submitted for your kind perusal and approval please.

 24/09/23

Section Officer(Accts)

Sr. Accounts Officer-II

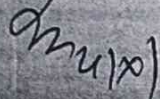
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D/CA  26/9

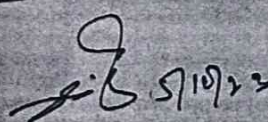
Narendra Dev  
29/09/2023

COF

Registrar

 24/10/23

ADSW

 27/10/23

Pr.

2275/Dec  
03/10/23

25/12/Reg  
4/1/2023



4/N

Subject – Reimbursement of expenses incurred for organizing "Expert Lecture Series" by IGS DTU held on 19<sup>th</sup> October, 2023 and 1<sup>st</sup> November, 2023.

First Expert Lecture was delivered by Prof. K.S. Rao, Emeritus Professor, Department of Civil Engineering, IIT, Delhi on 19<sup>th</sup> October, 2023 and the Second Expert Lecture was delivered by Dr. A.P. Singh, Director, Explore Engineering Consultant P. Ltd on 1<sup>st</sup> November, 2023.

For Expert Lecture Series, the budget of Rs 70,440/- (Rupees Seventy Thousand Four Hundred and Forty ONLY) was approved by the competent authority (3/N) Para 9 and the total expenses incurred were Rs. 46,563/- (Rupees Forty-Six Thousand Five Hundred Sixty-Three ONLY) for both events. It includes Rs. 25610/- (Rupees Twenty-Five Thousand Six Hundred Ten ONLY) for the first expert lecture and Rs. 20953/- (Rupees Twenty Thousand Nine Hundred Fifty-Three) for the second expert lecture].

A total expenditure of Rs. 46563/- (Rupees Forty Six Thousand Five Hundred Sixty Three ONLY) incurred as per the details mentioned below:

S.No.	Vendor	Items	Amount	Remark
1	Jai Maa Sherawali Enterprises	A3 Posters	1500	Paid in cash and payable to faculty advisory
2	Manoram Creations	Trophy's WG-3959	1456	To be paid directly by the university
3	TA to Prof. K.S Rao (Guest Lecturer)	Travel Allowance	1200	Paid in cash and payable to faculty advisory
4	Honorarium to Prof. K.S Rao (Guest Lecturer)	Honorarium	5000	Paid in cash and payable to faculty advisory
5	Jai Maa Sherawali Enterprises	A4 Posters	3120	Paid in cash and payable to faculty advisory
6	Arti Printers	Banners and Standby	13334	To be paid directly by the university
7	Jai Maa Sherawali Enterprises	A3 Posters	2100	Paid in cash and payable to faculty advisory
8	Manoram Creations	Wooden Plaque	1239	To be paid directly by the university
9	TA to Dr. A.P. Singh (Guest Lecturer)	Travel Allowance	1200	Paid in cash and payable to faculty advisory
10	Honorarium to Dr. A.P. Singh (Guest Lecturer)	Honorarium	5000	Paid in cash and payable to faculty advisory
11	Jai Maa Sherawali Enterprises	A4 Posters	2800	Paid in cash and payable to faculty advisory
12	Arti Printers	Banners and Standby	8614	To be paid directly by the university
Total			46563	

It is requested to reimburse the amount Rs. 46563/- (Rupees Forty-Six Thousand Five Hundred Sixty Three ONLY), [ Rs. 25610/- (Rupees Twenty-Five Thousand Six Hundred Ten ONLY) for the first expert lecture + Rs. 20953/- (Rupees Twenty Thousand Nine Hundred Fifty-Three) for the second expert lecture].

The Honorarium, TA to Guest Lecturers were paid in cash and Some vendors were very small and did not agree to provide items/services on credit basis. Hence they demanded cash payment. Therefore, the payments were made in cash after taking from faculty advisor, Prof. Amit Srivastava. However, rest of the vendors agreed to cater their services/items on mutual agreement that their payment shall be released only after the event.



Accordingly, the details of the payments to be made to them is furnished:

Rest of the payment to be made directly to vendors by the university. The accounts details are given below:

All the bills and other relevant documents are placed in the file from

S.No.	Name	Amount(Rs.)	Bank Account Details
1	Arti Printers	21,948	<ul style="list-style-type: none"><li>Bank Name: Union Bank of India</li><li>Account No: 349404010010044</li><li>IFSC : UBIN0534943</li></ul>
2	Manoram Creations	2,695	<ul style="list-style-type: none"><li>Bank Name: Union Bank of India</li><li>Account No: 255011100001990</li><li>IFSC : UBIN0825506</li></ul>
3	Society for Civil and Environmental Engineering To be paid to Prof Amit Srivastava, Faculty Advisor	21,920	Cheque to be issued in favour of Prof Amit Srivastava
Total		46563	

It is also submitted and clarified that no advance was withdrawn for meeting above expenditures for the event/expert lecture series.

*An*  
18/4/24  
(Prof Amit Srivastava)  
Faculty Advisor

032/050  
18/4/24

*Dean (SW)*

*Indee Ar*  
18/4/2024

Please examine

*Nirendera Deb*  
18/04/2024

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19/4/24

*COF*

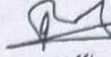
*S.O.*




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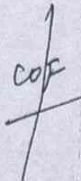
As proposed vide para 13, if agreed to Registrar DTU may be requested to accord E/s of Rs. 46,563/- (Rs. Forty Six Thousand five Hundred Sixty Three Only) towards expenditure incurred in organizing two expert lecture as detailed at para 11. The payment may be made to respective stakeholders as detailed at para 15. Exp head 1.3.10 (Payment on Seminar, Workshop and conference etc) may be debited.

  
19/04/24  
Section Officer (Accts)

Sr. Accounts Officer-II


  
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25/04/2024

Registrar

  
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1/5/24

2512/R2  
30/4/2024

637/0120  
14/5/24





Dean Student Welfare  
**DELHI TECHNOLOGICAL UNIVERSITY**

Established by Govt. of Delhi Vide Act 6 of 2009  
Shahabad Daulatpur, Bawana Road, Delhi-110042  
Tel:+91-11-27296337, Fax:+91-11-2787 1023

Date: 08/5/24

DTU/DSW/2024-25/F.No.037/25

**SANCTION ORDER**

Sanction of the competent authority of Delhi Technological University is hereby conveyed for reimbursement of the expenditure of Rs. 46,563/- (Rupees Forty-Six Thousand Five Hundred Sixty- Three Only) towards Organizing Expert Lecture Series on 09<sup>th</sup> Oct. and 01<sup>st</sup> Nov. 2023 by IGS- DTU.

The expenditure amount will be debited to: -

Exp. Head : 1.3.10(Payment on Seminar, Workshop and Conference etc.)

The amount of Rs. 24,643/- shall be transfer: -

Beneficiary Bank A/C No.	Beneficiary Name	IFSC Code	Amount
349404010010044	ARTI PRINTERS	UBIN0534943	21948/-
255011100001990	MANORAM CREATIONS	UBIN0825506	2695/-

The amount of Rs. 21,920/- Cheque will be issued in favor of "Prof. Amit Srivastava (Faculty Advisor)"

The sanction order has been entered at Page No. 02, Sr. No. 10 of sanction order register in Dean Student Welfare office.

Prof. Ram Singh

Associate (Dean Student Welfare)

Date: 08/5/24

DTU/DSW/2024-25/F.No.037/25

Copy to:

1. PA to VC kind Information
2. Registrar, DTU
3. Controller of Finance, DTU
4. Prof. Amit Srivastava, Faculty Advisor
5. Guard File

Prof. Ram Singh

Associate (Dean Student Welfare)



# Delhi Technological University

Bawana Road, Delhi 110 042

Indian Geotechnical Society

## ATTENDANCE SHEET

Date 1.11.2023

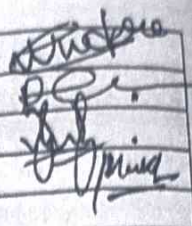
Expert Lecture by Dr. A.P. Singh on 1.11.2023 at 2.00 pm

S.N.	Name of Participant	Department	Signature
1.	AKARSH RAI	Civil Engg	
2.	Aryan Yadav	Environmental Engg	
3.	Sankalp Puriwar	Environmental Engg	
4.	Neha Pawar	Geotechnical Engg.	
5.	Komal Singh	Geotechnical Engg.	
6.	Nisha Jha	Geotechnical Engg.	
7.	Divyen Sagay	Geotechnical Engg.	
8.	Anurag Krishna Mishra	Geotechnical Engg.	
9.	Shivakar Sharma	Geotechnical Engg.	
10.	Vasu Yadav	Geotechnical Engg.	
11.	Harsh Kumar	Civil Engineering	
12.	Abhinav Shingh	ECE	
13.	Hardik Gulata	Civil Engineering	
14.	Aojun Solvastava	Civil Engineering	
15.	Aakash Patel	CIVIL	
16.	Aditya Manocha	CE	
17.	ANKUR PRASAD	Civil Engg.	
18.	Aakanksha Patel	C	
19.	Inderjeet	Civil Engg	
20.	Ayush Singh	Civil Engg	
21.	Ayush	Civil Engg.	
22.	Prateek Roshan	Civil Engg.	
23.	Abhishek Prakash Paswan	Civil Engg.	
24.	Prakhar Kumar Singh	Civil Engg.	
25.	Naravratam Singh	Civil Engineering	
26.	Sarthik Agarwal	Civil Engg.	
27.	Gaurav Yadav	Civil Engg.	
28.	KUMAL TANIWAR	Civil Engg.	
29.	RATAN	Civil Engineering	
30.	Samaarth	Civil Engineering	
31.	Mohit meena	CIVIL Engineering	
32.	umar	CIVIL Engineering	
33.	MOHIT	CIVIL Engineering	



34.	RISHABH	Civil engineering	Disced
35.	Aditya kumar	Automobile	Aditya
36.	Jatin Yadav	C.O	Jatin
37.	Prince Kumar	Civil Engineering	Prince
38.	Nitish Kumar	Civil Engineering	Nitish
39.	RONALD S.M.ERUKA	ECE	Ronald
40.	Omkan Pathak	Civil engg.	Omkan
41.	SARANSH YADAV 2K21/EE/256	Electrical Engineering	Shiv 2K21/EE/256
42.	MANAN MATHUR	Engineering Physics	Manan
43.	Ritvik	Computer engineering	Ritvik
44.	VIJAY KUMAR YADAV	Computer Engineering	Vijay
45.	VIJAY	CO	Vijay
46.	Kushal Majumdar	Automobile	Kushal
47.	Harchit	Civil	Harchit
48.	Ashwani Kumar	Environmental Engg.	Ashwani
49.	VIKAS KUMAR LODHT	Environmental Engg.	Vikas
50.	Himanshu	Civil Engineering	Himanshu
51.	JYOTIRMAJ	Civil Engineering	Jyotirman
52.	Nikhil Tirkay	ECE	Nikhil
53.	SUDIPTY	CO	Sudipty
54.	TANUJ	MC	Tanuj
55.	Rakshit Monga	AE	Rakshit
56.	Arjan Jain	CO	Arjan
57.	Anmol Singh Bhatt	EN	Anmol
58.	Rohit Singh Rautela	EN	Rohit
59.	Chirag Thakur	CE	Chirag
60.	Himanshi Kapoor	EN	Himanshi
61.	Ravi Shekhar Tiwari	Electronics & Comm.	Ravi
62.	Prest Kumar	ECE	Prest
63.	MOHIT	EN	Mohit
64.	Ankush Sharma	EN	Ankush
65.	Pipul Kumar	IT	Pipul
66.	Gaurav Nagay	ENE	Gaurav
67.	Krishna Gupta	EE	Krishna
68.	Amban Sinha	IT	Amban
69.	Ashwary Agarwal	EN	Ashwary
70.	Himanshu Gupta	CE	Himanshu
71.	Abhishek Kumar	EP	Abhishek
72.	Deepak Kumar	PE	Deepak
73.	BOR	ONE	BOR
74.	Aghwari Raj	ENP	Aghwari
75.	Harsh Daga	ENE	Harsh
76.	Shivam Chakraborty	ENE	Shivam
77.	Anvesha Singh	ENE	Anvesha
78.	Sumit Kumar	CE	Sumit
79.	Pushkar	CE	Pushkar
80.	Sarthak Sivas	CE	Sarthak



80.	Nishchay Chopra	23/CE/083	
81.	Rishabh Shukla	23/CE/100	
82.	Yash Yadav	23/CE/148	
83.	Mukuna Mangal	23/CE/088	
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# Delhi Technological University

Bawana Road, Delhi 110 042

Indian Geotechnical Society / M. Tech / Others

## ATTENDANCE SHEET

Date 19.10.2023

Expert Lecture on "Making of the world's highest Chenab bridge - Technical and Social challenges" by Prof. K.S. Rao, IIT, Delhi on 19.10.2023 in DTU (Pragyan Hall) at 2.00 pm

S.N.	Name of student	Roll No.	Signature
1.	Ishank Singh	2K20/CE/072	Ishank
2.	Ayush	2K20/CE/43	Ayush
3.	Arpit Meena	2K20/CE/35	Arpit
4.	Sohan Singh Meena	2K21/CE/223	Sol
5.	Aryan Jain	2K21/CO/104	Aryan
6.	Harish Kumar	2K21/CE/58	Harish
7.	Ankush Sharma	2K23/EN/504	Ankush
8.	Anuj Dahiya	2K22/EN/08	Anuj
9.	Puwin Kumar Verma	2K22/CE/110	Puwin
10.	Abhishek	2K22/CE/05	Abhishek
11.	Aman Kumar Jha	2K22/CE/20	Aman
12.	Aman Kumar	2K22/CE/19	Aman
13.	Anurag	2K22/CE/34	Anurag
14.	Anmol Dhaner	2K22/CE/28	Anmol
15.	Abhishek Yadav	2K21/EN/01	Abhishek
16.	Saurabh Meena	2K22/CE/120	Saurabh
17.	Saurabh	2K22/CE/123	Saurabh
18.	Samarth	2K22/CE/119	Samarth
19.	Neha Panyas	2K23/GTE/03	Neha
20.	Komal Singh	23/GTE/02	Komal
21.	Nisha Jha	23/GTE/11	Nisha
22.	Jeevish Jindal	23/GTE/04	Jeevish



23.	Anurog Krishna Mishra	23/GTE/01	Anurog Mishra
24.	Angushi Gupta	23/GTE/07	Angushi
25.	Abhash Kumar	23/GTE/10	Abhash
26.	Kushagra Bhandari	23/CE/068	Kushagra
27.	Madhav Tiwari	23/CE/093	M. Tiwari
28.	Yash Yadav	23/CE/148	Yash
29.	Sarthak Divas	23/CE/114	Sarthak
30.	Rajat Kumar Dabas	21/CO/1369	Rajat
31.	Sahil Chhabra	21/CO/405	Sahil
32.	Sahil Sharma	21/CO/407	Sahil
33.	Kunwar Prateek Raj	2K22/CE/504	Kunwar
34.	Mohd. Umar	2K21/CE/185	Mohd.
35.	Aman Singh Bisht	2K22/EN/07	Aman
36.	ABHISHEK	2K21/EE/11	Abhishek
37.	Jatin Yadav	2K20/CO/212	Jatin
38.	Anshul Verma	2K21/EE/59	Anshul
39.	Digvijay Singh Thakur	2K23/SE/160	Digvijay
40.	<del>Prateek</del> Vishwas	2K23/SE/161	Vishwas
41.	Vikash	2K22/EC/245	Vikash
42.	Tushar	2K22/EC/240	Tushar
43.	Kartik	2K22/EC/131	Kartik
44.	Anand	2K22/CH/02	Anand
45.	Sankalp Parwar	2K20/EN/163	Sankalp
46.	Divesh Singh	2K22/EN/18	Divesh
47.	Akash Rai	2K21/CE/15	Akash
48.	Rishi	2K20/EE/001	Rishi
49.	Rahul Singh	2K22/EN/59	Rahul
50.	Abhinav	2K22/EE/42	Abhinav
51.			
52.			



# Delhi Technological University

Bawana Road, Delhi 110 042

CE-315 (Rock Engineering/B. Tech)

## ATTENDANCE SHEET

Date 19.10.2023

Expert Lecture on "Making of the world's highest Chenab bridge – Technical and Social challenges" by Prof. K.S. Rao, IIT, Delhi on 19.10.2023 in DTU (Pragyan Hall) at 2.00 pm

S.N.	Name of student	Roll No.	Signature
1.	Mohd. Umar.	2K21/CE/85	
2.	Ankur Prasad	2K21/CE/22	
3.	Shivam	2K20/ME/257	
4.	Ayush Dabas	2K20/CO/111	
5.	Deepak	2K20/CO/135	
6.	Sahil Chhabra	2K21/CO/405	
7.	Sahil Sharma	2K21/CO/407	
8.	Rajesh Kumar Dabas	2K21/CO/369	
9.	Ritik	2K21/CO/387	
10.	Vijay Pal	2K21/CO/517	
11.	VITAY KUMAR YADAV	2K21/CO/516	
12.	Kunwar Pratek Raj	2K22/CE/504	
13.	Aditya Kumar	2K20/AE/04	
14.	Kartik Gupta	2K22/CE/76	
15.	Khobair Akmal	2K22/CE/100	
16.	Kushal Mayumdar	2K22/AE/38	
17.	Abhishek Kumar	2K22/EP/03	
18.	PRATHAM BANSAL	2K22/CE/107	
19.	PRASHANT PAL	2K22/CE/106	
20.	Rohan	2K22/CE/116	
21.	Chirag	2K22/CE/41	



To

Prof. Amit Srivastava  
Faculty Advisor, IGS  
DTU

**Subject:** Approval to Conduct "Expert Lecture Series" by IGS DTU to be held in the upcoming months of October and November; 2023

Indian Geotechnical Society (IGS-DTU), the newly established society as per the office order DTU/DSW/20233-23/F. No 126/153 is willing to conduct an "Expert Lecture Series"

The Expert Lectures aims to serve as a gateway to understanding the groundbreaking advancements that are reshaping the world of Civil Engineering and sustainable development. The aim is to enrich the students with the knowledge in their respective subjects and to provide them latest sufficient information related to technical field. Since the profession is rooted in science and technology, civil engineer students need to have an in-depth knowledge of the concepts of applied science.

**3 Expert Lectures** will be conducted in the upcoming months, tentatively in the first and second week of the months given below-

- October 2023 (Guest Lecture 1 & 2)
- November 2023 (Guest Lecture 3)

**List of Guest Speakers for Expert Lecture Series**

Name	Post
Prof. (Dr.) T G Sitharam	Chairman, All India Council for Technical Education (AICTE)   Ex-Drector - IIT Guwahati
Dr. A.P. Singh	Director - Explore Engineering Consultants Pvt. Ltd.
Prof K.S. Rao	Emeritus Professor - Civil Engineering Department   IIT Delhi
Dr. Jimmy Thomas	Geotechnical Consultant



The expected expenditure in lumpsum for all the guest lecture is detailed below -

Category of Expenditure	Item Description	Quantity	Price	Amount (Rs)	Action
Logistics	Banner (Main Gate)	3	9,580	28,740	
	Standees	6 (2 per lecture)	1,600	9,600	
	Pamphlets	450	20	9,000	
	Posters (A3 Size)	150	30	4,500	
Honorarium	-	3	5,000	15,000	
Travel Allowance	-	3	1,200	3,600	
Refreshments (High Tea)	-	210	-	-	GA Branch
Lunch	-	60	-	-	GA Branch
Saplings	-	15	-	-	Engineering Cell
Mementos	-	3	-	-	DSW
Total				Rs 70,440/-	

*(Rupees Seventy Thousand Four Hundred Forty only)*

It is requested to give permission to conduct **Expert Lecture Series Program** and also to give A/A and to E/S for a total sum of **Rs 70,440** to conduct "**Expert Lecture Series**" to be held in the upcoming months of October and November, 2023 and to direct concerned departments to provide related services for the event which may include saplings, refreshments and lunch for the invited guest, speakers, industry leaders and attendees by the respective branches/departments of DTU.



**Sankalp Purwar**  
President, IGS DTU





A. K. Srivastava <aksrivastava@dce.ac.in>

**Details Regarding "Expert Lecture Series" initiated by IGS DTU Student Chapter**

4 messages

Mon, Oct 16, 2023 at 1:42 PM

**Sankalp Purwar** <sankalppurwar\_en20a17\_59@dtu.ac.in>  
To: igsdelhichapter@gmail.com, Aarti Bhargava <aartibhargava@aimil.com>  
Cc: "A. K. Srivastava" <aksrivastava@dce.ac.in>, Dr A P Singh <apsingh.grg@gmail.com>, apsingh@exploreconsultants.com, SCEE DTU <scee@dtu.ac.in>

Respected Sir/Ma'am

The **New Delhi G20 Declaration** aims towards building a system that better empowers countries to address **global challenges** across territorial boundaries under the slogan, “**One Earth, One Family, One Nation**”. Communicating on **Climate Change** and **Sustainability** is about **Educating** and **Mobilizing Audiences** to take action to confront the current crisis and challenges.

In line with the aforementioned, **Indian Geotechnical Society, DTU Student Chapter** is initiating an **“Expert Lecture Series”** centred around ***“Geotechnical Engineering for Sustainable & Resilient Development”***.

As of now, **3** Expert Lectures are planned for the upcoming months of **October** and **November** as discussed with the **Student Chapter Mentor, Prof. A.K. Srivastava** and **Student Committee Members**.

The finalised details of the **first** Lecture of the “Expert Lecture” Series are given below-

## Expert Lecture 1

Date: 19th October 2023

Time: 2 PM Onwards

Speaker: Prof. K.S. Rao | Department of Civil Engineering, IIT Delhi

## Topic - Making of the World's Highest Chenab Bridge: Technical and Social Challenges

The details of the other upcoming expert lectures will be shared with you as soon as the event itinerary is finalised.

As a proud student chapter of the **IGS Delhi Chapter**, we look forward to your unwavering support and collaboration in making this endeavour a grand success.

Regards

Sankalp Purwar

Aarti Bhargava <aartibhargava@aimil.com>  
To: Sankalp Purwar

To: Sankalp Purwar <sankalppurwar\_en20a17\_59@dtu.ac.in>, igsdelhichapter@gmail.com  
Cc: "A. K. Srivastava" <akrivrastava@delhi.ac.in>, Dr A.P. Singh <ansingh@delhi.ac.in>

Mon, Oct 16, 2023 at 2:22 PM  
Cc: "A. K. Srivastava" <sankalppurwar\_en20a17\_59@dtu.ac.in>, igsdelhichapter@gmail.com  
apsingh@exploreconsultants.com, SCEE DTU <scee@dtu.ac.in>, IGS Mem - ALTAF USMANI <altaf.usmani@eil.co.in>,  
"IGS Mem - Dr. BAPPADITYA MANNA" <bmanna@civil.iitd.ac.in>

"IGS Mem - Dr. BAPPADITYA MANNA" <bmanma@civil.iitd.ac.in>

Mon, Oct 16, 2023 at 2:22 PM



2024, 19:46

Delhi Technological University Mail - Details Regarding "Expert Lecture Series" initiated by IGS DTU Student Chapter

Dear Sankalp,

Regret I could not take your call as I have been travelling and just came back yesterday, had a meeting in the morning. I will be travelling to Mumbai tomorrow morning.

Was trying to reach you after my meeting today, but in vain.

19<sup>th</sup> also I will not be there in Delhi.

However, you may go ahead with your program.

You may please coordinate with Dr Altaf and Dr Manna (Co-chairmen) in my absence. For any support required.

They are also marked on this email, for your reference.

Wish you all the best for the event !!!

I had also requested for the team data, in excel format sent through whats app, unfortunately have not received the same.

Could you please complete the same and send it to me please.

Thanks.

With Best Regards,



**Aarti Bhargava**  
Sr. General Manager (MarCom)

National Manager (Civil Ind.)

Chairperson (IGS DC), Member NEC  
(IGS)

Member IRC G2

**off:** +91 11 61310245

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2024, 19:46

Delhi Technological University Mail - Details Regarding "Expert Lecture Series" initiated by IGS DTU Student Chapter



Aimil Ltd., Naimex House, A-8, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi - 110 044

Think before you print.

**From:** Sankalp Purwar <sankalppurwar\_en20a17\_59@dtu.ac.in>  
**Sent:** Monday, October 16, 2023 1:43 PM  
**To:** igsdelhichapter@gmail.com; Aarti Bhargava <aartibhargava@aimil.com>  
**Cc:** A. K. Srivastava <aksrivastava@dce.ac.in>; Dr A P Singh <apsingh.grg@gmail.com>;  
apsingh@exploreconsultants.com; SCEE DTU <scee@dtu.ac.in>  
**Subject:** Details Regarding "Expert Lecture Series" initiated by IGS DTU Student Chapter

CAUTION: This email is from an external source. Exercise caution when opening attachments or clicking links.

Respected Sir/Ma'am

The **New Delhi G20 Declaration** aims towards building a system that better empowers countries to address **global challenges** across territorial boundaries under the slogan, "**One Earth, One Family, One Nation**". Communicating on **Climate Change** and **Sustainability** is about **Educating** and **Mobilizing Audiences** to take action to confront the current crisis and challenges.

In line with the aforementioned, **Indian Geotechnical Society, DTU Student Chapter** is initiating an "**Expert Lecture Series**" centred around "**Geotechnical Engineering for Sustainable & Resilient Development**".

As of now, **3 Expert Lectures** are planned for the upcoming months of **October** and **November** as discussed with the **Student Chapter Mentor, Prof. A.K. Srivastava** and **Student Committee Members**.

The finalised details of the **first Lecture** of the "Expert Lecture" Series are given below-

#### **Expert Lecture 1**

**Date:** 19th October 2023

**Time:** 2 PM Onwards

**Speaker:** Prof. K.S. Rao | Department of Civil Engineering, IIT Delhi

**Topic -** Making of the World's Highest Chenab Bridge: Technical and Social Challenges

The details of the other upcoming expert lectures will be shared with you as soon as the event itinerary is finalised.

As a proud student chapter of the **IGS Delhi Chapter**, we look forward to your unwavering support and collaboration in making this endeavour a grand success.

Regards  
Sankalp Purwar

<https://mail.google.com/mail/u/0/?ik=0cd0b2b4b9&view=pt&search=all&permthid=thread-f:1779899000410274800&simpl=msg-f:1779899000410...>



Sankalp Purwar <sankalppurwar\_en20a17\_59@dtu.ac.in>

Mon, Oct 16, 2023 at 4:01 PM

To: Aarti Bhargava <aartibhargava@aimil.com>  
Cc: igsdelhichapter@gmail.com, "A. K. Srivastava" <aksrivastava@dce.ac.in>, Dr A P Singh <apsingh.grg@gmail.com>, apsingh@exploreconsultants.com, SCEE DTU <scee@dtu.ac.in>, IGS Mem - ALTAF USMANI <altaf.usmani@eil.co.in>, IGS Mem - Dr. BAPPADITYA MANNA" <bmanna@civil.iitd.ac.in>

Respected ma'am,

Thank you for the support from the IGS Delhi Chapter. We will communicate and coordinate with Dr Altaf and Dr Manna for any support that may arise.

I have received the team data request from Rajeev, in Excel format and will complete and share it with you at the earliest possible.

Regards

Sankalp Purwar

[Quoted text hidden]

Sankalp Purwar <sankalppurwar\_en20a17\_59@dtu.ac.in>

Sat, Oct 28, 2023 at 2:58 PM

To: igsdelhichapter@gmail.com  
Cc: "A. K. Srivastava" <aksrivastava@dce.ac.in>, Dr A P Singh <apsingh.grg@gmail.com>, apsingh@exploreconsultants.com, SCEE DTU <scee@dtu.ac.in>, Aarti Bhargava <aartibhargava@aimil.com>, "IGS Mem - Dr. BAPPADITYA MANNA" <bmanna@civil.iitd.ac.in>, IGS Mem - ALTAF USMANI <altaf.usmani@eil.co.in>

Respected Sir/Ma'am,

As discussed, the details for the **Second Expert Lecture** of the "Expert Lecture Series" are given below-

### **Expert Lecture 2**

Date: 1st November 2023

Time: 2 PM Onwards

Speaker: Dr. A.P. Singh | Honorary Secretary, IGS Main Body

Topic - Geotechnical Aspect of Infra Projects

Please let us know if anyone from the IGS Delhi Chapter will be attending the event so that we can make the necessary arrangements for the same.

Regards

Sankalp Purwar

[Quoted text hidden]



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