

# AMERICAN SOCIETY OF CIVIL ENGINEERS

## Events Throughout the Year

### ***1. ORIENTATION***

It's been a great journey for the DTU chapter of the American Society of Civil Engineers. From humble beginnings to a point where it now boasts of a vibrant and dedicated student community, with budding researchers, creative geniuses and super helpful volunteers, ASCE DTU has achieved great heights over these years. There is no peak that is greatest for us. Every achievement is a step towards another one, and as we grow, we need a fresh perspective, a new vigor, and who does it better but the freshers!

ASCE DTU invited all the freshers to its official orientation of **2017**.

**Date and Time:** 1st September at 4 PM

**Location:** SPS 14

The motive for this interactive session was to create a new bonding with first year students and to introduce them with the society. The event witnessed about 80 enthusiasts who were interested in finding how the society works and various activities in which they could involve themselves by getting in touch with ASCE. It all started with a brief introduction about how ASCE started in DTU. Followed by explaining different teams i.e. Publicity team, Logistic team, Corporate team, Think tank, etc with which one can engage himself to enhance his interpersonal as well as technical skills. Students also got the opportunity to know about the experiences of the seniors who guided them by the tips and tricks to learn and innovate and excel in the field of civil engineering. Refreshments were provided to all the students.



## ***2. FUN EVENT- CHUGGING CONTEST***

When we talk about fresher's week in DTU, we all know that it is going to be full of fun events which is a kind of welcome to the new students by the senior.

ASCE organized a fun event named ***CHUGGING CONTEST*** on **24th August 2017** with a motive to give a warm welcome to freshers in a different way. Participants had to chug up three bottles of masala drinks within a time frame of 120 seconds. One who managed to do the same grabbed exciting prizes offered by us. It helped to create a joyful environment near AMUL for about 5 hours and witnessed good participation by students.



## ***3. SOFTWARE MARATHON***

Date: 04-05 November 2017

Venue: Civil Block

A Software Marathon was conducted by ASCE which consisted of four workshops.

1. AutoCAD
2. Mobile App Development
3. Robotics
4. VLSI

Members of ASCE went to different colleges of the city to publicize about this event. A lot of enthusiasm was shown by majority of the colleges.

The workshop took place on a weekend. A large group of zealous college students showed up at the event. The workshop was taken by skilled people working at IBM. It was a fun, informative and amazing experience for the students attending the workshop. They were provided with a course completion certificate from ASCE and IBM.



#### ***4. ASCE INDIA CONFERENCE 2017***

A group of 5 students attended the ASCE INDIA CONFERENCE 2017 held at IIT Delhi from 12 - 14 December 2017.

The motive of the conference is to create awareness among the young civil engineering aspirants about Life Cycle Costing and Renewable Raw Material for Construction. The first day started with a brief introduction about the topic via Webinar. A chance of giving our views and ideas about life cycle costing was given to the members present there from different areas of India. Many PhD scholars and professors interacted with the society members and discussed the possibilities and opportunity available in this field. They introduced various ways in which we can contribute to enhance the scope of this area and provide a feasible solution to match the industry standards and bring a change that could reduce the cost of raw material.

A very important issue of spreading this knowledge among the unorganized construction sector was raised by our participants who were accepted as a big challenge for India by the conference members and praised the students for enlightening such a serious problem.

#### ***5. SANDARBH- THE GUEST LECTURE***

Team ASCE DTU believes in prepping the students for the hurdles to be faced after college also. With the same thought in mind, a guest lecture series was organized in the college premises by ASCE DTU on 13th February, 2018.

Mr. Kanchan Thakur - former IES & Director IES Masters (a premier coaching institute for GATE, IES, PSUs preparation) was called as the guest speaker for the event. He gave a lecture on how to prepare for competitive exams like GATE, IES, etc and the various options one can consider after completing B.Tech.

The event was conducted in Convocation hall, DTU and attended by students in huge numbers of various branches in unison.

It concluded with a fun question-answer session where students could ask their doubts and get counseling from experts in the field of competitive coaching. Refreshments were also served to all those who attended the event. All in all it was a fun-learning experience for the students and they enjoyed a lot!



## 6. INVICTUS- THE TECHNICAL FEST OF DTU

ASCE DTU organized its Annual Technical Fest under INVICTUS. INVICTUS, the annual technical fest of DTU, presented four distinctive events with the objective of spreading the zest of Civil engineering whilst creating a fun and competitive spirit. The events or rather competitions are described below.

### **1.KAYAK-K-CRETE**

Date and Time: 12th February 2018 at 11AM IST.

Location: Concrete Lab Description/ Motive: A concrete cube making event which consisted of developing a cube made of concrete and testing its compressive strength. This event helped the students to gain practical knowledge of working with concrete whilst creating a healthy zeal to compete amongst each other.

Participation: Students from various colleges as well as our students actively participated in the event. The students who made the concrete block with highest compressive strength were declared as the prize winners!

**Winners:** Here is the list of the winners of the competition as well as cash prizes.

#### **1st prize**

Shivam Ayush, Siddhant

#### **2nd prize**

Seema Tushar, Anchalia, Tushar Sethi

#### **3rd prize**

Abhishek, Piyush, Abhishek Singh, Rohan Sinha

### **2.TURRIS GURRIS**

Date and Time: 12th February 2018 at 11AM IST.

Location: Civil Lawn

Description/ Motive: Each participating team had to construct an Arch Bridge for a given span length and maximum load carrying capacity using popsicle sticks. The event was meant to test the designing and construction skills of the participants to fabricate a structurally stable bridge.

Participation: Students from various colleges as well as our students actively participated in the event. They had to go through two phases of the competition. One being the theoretical round

and the second, the construction of the bridge itself. Many students could not make it to the second round but they all learnt something.

Winners: Here is the list of the winners of the competition as well as cash prizes.

1st prize

Karan Saini Mayank Sharma Harshit Maheshwari Yashraj Mishra

2nd prize

Shivam Agarwal Tushar Anchalia Tushar Sethi

### **3.INTELLISENSE**

Date and Time: 13th February 2018 at 11AM IST.

Location: TW3GF2 Civil department

Description/ Motive: A quiz competition consisting of technical as well as nontechnical questions. The knowledge, speed, accuracy and the facts known by the participant was given a new dimension through this quiz. The questions were a mixture of the following topics: surveying, strength of materials, structural design, construction, fluids, geology and general environmental knowledge.

Participation: Students from various colleges as well as our students actively participated in the event. The quiz was comprised of two rounds. Round 1 was a written quiz of 30 questions in 20 minutes and round 2 was a Rapid Fire round - 10 seconds for each question.

**Winners:** Here is the list of the winners of the competition as well as cash prizes.

**1st Prize-** Harsh Tiwari

**2nd Prize-** Shekhar Singh

**3rd Prize-** Gaurav and Deepika

### **4.CADD CRAFT**

Date and Time: 13th February 2018 at 10AM IST.

Location: CADD Lab

Description/ Motive : A platform for the participants to show off their AutoCAD skills, CADD Craft was conducted with the intention to help the students learn and grow in AutoCAD designing. AutoCAD is a very widely used software by civil engineers.

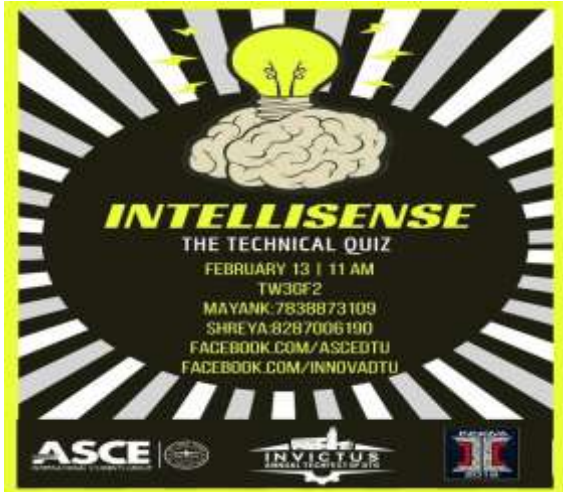
Participation: Students from various colleges as well as our students actively participated in the event. The participants were presented with some specifications which they had to keep in mind while designing. To add a further twist, they were told to modify their design with sudden changes. The winners were distinguished on the basis of accuracy, speed and the process implemented by them. Winners: Here is the list of the winners of the competition as well as cash prizes.


**1st prize-** Tushar Sethi




**2nd prize -** Sanjeev Sharma

**3rd prize-** Ikrar Ahmed






  
**INTELISENSE**
  
 THE TECHNICAL QUIZ
   
 FEBRUARY 13 | 11 AM
   
 TW3GF2
   
 MAYANK: 7838873109
   
 SHREYA: 8287006190
   
 FACEBOOK.COM/ASCEDTU
   
 FACEBOOK.COM/INNOVADTU





  
 AMERICAN SOCIETY OF CIVIL ENGINEERS PRESENTS
   
**KAYAK-e-CRETE**
  
 Design a concrete canoe which should pass
   
 floatation and design tests
   
 FEBRUARY 12 | 11 AM
   
 CONCRETE LAB


  
 DHRUV: 9871569292      TUSHAR: 9971822069
   
 facebook.com/ascedtu



# ENCASTRER 2017 REPORT



## ASCE ENCASTRER

### **Venue: DTU Campus**

ASCE-DTU organizes its **annual technical festival “ENCASTRER”** every year, which witnesses a footfall of 8000 students from various technical and non technical institutions through participation in a series of technical and nontechnical events which gives the students an opportunity to add value to themselves.

Some of the events which have been conducted in Encastrer include:

1. **Cadd craft**- An online AutoCAD Competition
2. **Intellisense** – A Civil and Environmental Engineering Quiz
3. **Build it out**- A Structural Analysis based Competition

Apart from the technical, other notable events that have been organised in Encastrer are as follows-

1. **Disaster Management Workshop** by Dr. Chandan Ghosh from the National Institute of Disaster Management.
2. **ASCE-DTU Online Greenathon** an online event conducted in accordance with the "Swach Bharat Abhiyaan" that aimed to sensitise students about green technologies.
3. **Guest lecture by Prof Rajesh Dhakhal**, University of Canterbury, New Zealand.

## **PREVIOUS YEAR'S PARTNERS:**

### **Veda Defense Systems-Title Partner**



**- Associate Partner**



**- Workshop Partner**



**- Educational Partner**



**Media Partner(Delhi NCR Region)**



**Media Partner(All India)**

## **CONTACT US:**



**9818431788-Divyansh Singh**



**[corpo.ascedtu@gmail.com](mailto:corpo.ascedtu@gmail.com)**



**fb.com/ascedtu**