

- 1. Brief description of the event:** Civileer is a technical event organized by Department of Civil Engineering. Participants are required to plan a town as per recent trend keeping in view of Green and Smart city with the help of certain tools like <https://drawisland.com/> or any other tool to design their task. Participants are also required to prepare the model of earthquake resistant structure manually by applying their logic that how the building can resist dynamic forces.  
This event is intended to encourage and motivate the students to refresh their technical understanding on the upcoming technologies and concepts. Students are advised to go through the recent advancements and basic concepts of civil engineering. The competition will have total two rounds.
- 2. Eligibility: UG and PG students,** University /Institute Identity Card is mandatory.
- 3 Registration Fee: NIL**
- 4. Date and Time of Event:** Date: 25-3-2022 Round 1: 1-2 pm  
Date: 26-3-2022 Round 1: 1-4 pm  
Date 27-3-2022 Round 2: 3-5 pm
- 5. Logistics Required** : MS Teams / Drawing tool/ Laptop
- 6. Event Joining details (link)** : Microsoft TEAM code: **vq9685g**  
<https://teams.microsoft.com/l/team/19%3aRmmi5pfZvxKSaISeOqb7VBo3G8j9KYH3EaET-xVsrq41%40thread.tacv2/conversations?groupId=13244a1c-4658-48ee-ab90-ad9a19fb5644&tenantId=8d46a076-d093-416d-a57b-8692cde13bf8>

**Help desk No/ WhatsApp No/Signal No.** : +91 8010428 536

- 7. Rule and regulations for Event:** The participant should keep PC/laptop camera switched on. Team Size: Individual for all round.

**Round 1:** Briefing about Amity University, its facilities, infrastructure and about rules of the event.

### **Round 2: TOWN-O-PLANNER (Smart City and Green City)**

Each participant will have to design their own towns according to their idea of a smart and efficient town using smart and sustainable materials. The concept of green city is creating structures and using processes that are environmentally responsible and resource-efficient throughout a building's life-cycle from siting to design, construction, operation, maintenance, renovation and deconstruction. Green city is also known as a sustainable or high-performance city. A smart city is a technologically modern urban area that uses different types of electronic methods, voice activation methods and sensors to collect specific data. The smart city agenda has a strong green emphasis regarding reducing the production of carbon dioxide, through the operation of smart electricity supply grids, increasing efficiency and harnessing low-carbon energy supplies.

They will be given 180 minutes to complete their projects.

Participants could use <https://drawisland.com/> or any other tool to design their projects.

### **Round 3: CIVIL-TECH**

Each participant will have to make a model of earthquake resistant structure. These competitions require the design and construction of a model of a mini-structure. Earthquake-resistant or aseismic structures are designed to protect buildings to some or greater extent from earthquakes. While no structure can be entirely immune to damage from earthquakes, the goal of earthquake-resistant construction is to erect structures that fare better during Seismic activity than their conventional counterparts.

If it is in online mode than the participants can use any software/website to draw their model within the time limit & if it

is in offline mode participants will have to make their models by using stationery tools. Participants will be given 120 minutes to make the model. Assessment will be based on contestant's creativity and informativity.

- **8. Prizes** : Prizes to 1<sup>st</sup> and 2<sup>nd</sup> winners(In kind upto 10000 and 5000 Merit E-certificates to all winners. Participation E-Certificates will be awarded to all the participants.

**Jury Members:**

**Judgement will be done on the basis of effective and optimized used of resources based on GRIHA, IGBC and BEE for town planning and certain special structural members to be used for earthquake resistant structures.**

1. One faculty from Department of civil Engineering
2. One member from Industry (Structural)
3. One member from Delhi Technological University

**9. Event Coordinator:**

**Faculty Coordinators**

Mr. Ashish Kumar Kashyap  
email: [akkashyap@amity.edu](mailto:akkashyap@amity.edu)  
+91- 8010428536  
+91-9667660116

**Student Coordinators**

1. Himanshi; Mob no.: 8930668246;  
Email: [himanshi.3@s.amity.edu](mailto:himanshi.3@s.amity.edu)
2. Jyoti Kumari Mishra; Mob no.: 9631701945;  
Email: [jyoti.mishra@s.amity.edu](mailto:jyoti.mishra@s.amity.edu)
3. Shafaque Anam; Mob. no.: 9891802268  
Email: [shafaque.anam@s.amity.edu](mailto:shafaque.anam@s.amity.edu)
4. Abuzar Ali; Mob no.: 8383909247  
Email: [abuzar.ali@s.amity.edu](mailto:abuzar.ali@s.amity.edu)
5. Arijit Roy; Mob no.: 6297235339  
Email: [arijit.roy@s.amity.edu](mailto:arijit.roy@s.amity.edu)