



RULEBOOK

SEASON 3



STRUCTURAL SUDOKU



ORGANIZED BY:
ASCE STUDENT CHAPTER, DUET



IN COLLABORATION WITH:
DEPARTMENT OF CIVIL ENGINEERING, DUET, GAZIPUR

The “**Structural Sudoku**” Olympiad is hosting a competition for undergraduate students to participate in. This exciting competition will allow the participants to explore into the intricate world of structure by analyzing and solving structural problems having gravity and lateral (wind and earthquake) loads resulting to calculate shear force, bending moment, deflection, sway, torsional irregularity etc. using ETABS software. Design of the Beam, Column and Slab also included. This event provides a platform for participants to showcase their skills and knowledge in ETABS software for checking and analyzing of different structural element. By taking part in this competition, students have the opportunity to verify their software-based knowledge and become heroes in the realm of structural problems.

Rules and Regulations:

- Participants must be undergraduate student; teaching center or professional design background ineligible;
- Individual registration is mandatory;
- Calculators allowed for problem-solving; participants must bring their own non-programmable scientific calculator;
- The authority will provide required computer for ETABS analysis and extra paper for calculation. Use of personal computer and extra sheet of paper is strictly prohibited;
- The questions will be prepared by our designated juries;
- **BNBC 2020** will be followed during the competition;
- Competition duration is **one and half** hours;

Syllabus:

- Analysis of truss, 2D or 3D frame or continuous beam using ETABS;
- Check and analysis of a building or different element of a building under different type of loading such as gravity and lateral loads using ETABS.

Compliance Guidelines for Olympiad:

- Follow competition and host university rules strictly;
- Plagiarism or cheating will result in immediate disqualification;
- Participants must carry a valid **university ID card** for verification
- Judges' decisions will be considered final in all respects;
- Adhere to host university's conduct standard without exception;
- Organizing committee reserves the right to modify rules as required for fairness;
- Any violations may lead to disqualification from the competition;
- Maintain respectful conduct towards fellow participants, organizers, and judges;
- Ensure compliance with all safety protocols outlined by the host university;
- If any situation is not covered by the rulebook, the Rulebook Management Committee's decision shall be final after considering the participants' explanations;
- To be eligible to participate, all participants must be currently enrolled as undergraduate students as of **1 January 2027**, the date of the event;

Prize Pool

- Prizes will be awarded to the **Champion, 1st Runner-up, and 2nd Runner-up** based on their final scores.
- The total prize pool is **BDT 18k+**, distributed as follows:

Champion	:	BDT 9k
1st Runner-up	:	BDT 5k
2nd Runner-up	:	BDT 4k
- The winners of the **Structural Sudoku** segment will receive a **Gorgeous Crest and a Certificate**.

N.B. The rules and guidelines stated above are **subject to change** at the discretion of the organizing committee. Participants are advised to **check official announcements** regularly for any updates or changes.

Registered Participants will receive →

- Event Kits [T-Shirt + Merchandise + ID Card]
- Breakfast and Lunch
- Participation Certificate
- Transport Facilities (Specific Routes)

Registration Process

Registration Fee	: BDT 500.00
Payment Method	: Online payment gateway via the official website
Registration link	: https://ascechapter.duet.ac.bd/cevilization/26
Event Date	: 1 st January 2027 (Friday)
Event Schedule	: Will be announced
Event Link	: Will be announced

For any queries :

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For More Updates

Website	: https://ascechapter.duet.ac.bd/cevilization
Email	: cevilizationduet@gmail.com
Facebook Page	: https://www.facebook.com/cevilization.duet