NIRMAN'21

A NATIONAL LEVEL SYMPOSIUM

RULE BOOK

List of Events:

1. **Tech trio**
2. **Game Area**
3. **Technical Housie**
4. **Paper/Idea Presentation**
5. **Online Extempore**
6. **Placement Guru**
7. **Online Treasure Hunt**
8. **Open mic**

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TECH TRIO

INTRODUCTION :

We become sentimental when we see our childhood games. It seems like we were just playing a bunch of paper games yesterday, and now they've all disappeared. Life happened somewhere in between. Why don't we play those games again to refresh our memories? A technical trio is a combination of three games in which players must pass each round in order to advance to the next level. Technical word search would be the first round, followed by BINGO, and tic-tactoe would be the last game.

TEAM: INDIVIDUAL PARTICIPATION

FEES: NIL

PROBLEM STATEMENT:

Participants would have to find the solution of the given problem and follow the further instructions accordingly.

INSTRUCTIONS :

- Participants are required to check their network connection before joining the meeting. It is requested to have a stable internet connection so as to avoid any inconveniences.
- A meeting link would be sent to the participants 30 minutes before the beginning of each level.
- Further guidelines will be given during the meeting.

RULES :

Round - 1: Technical Word Search

- A google form would be mailed to the participants 15 minutes before the beginning of the competition.
- Google form will consist of a list of one-word questions.
- Participants will have to find the answer to that question and find the same word from the jumbled box of words and give the answer accordingly.
- The form will consist of 20 questions of one mark each. A time limit of 30 minutes will be given for the submission of the form.
- Submissions received after the deadline would be disqualified.
- Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification.
- Participants would be required to remain present in the meeting throughout the round.
- The top 20 students would be selected for the second round. Make a note that the number of participants qualifying could be varied as per the number of participants.
- Decisions of the organizing committee and judges would be considered final.

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TECH TRIO

Round - 2 : BINGO

- Selected participants would be mailed a bingo ticket and set of questions via email 15 minutes prior to the competition.
- Participants would have to solve the questions and accordingly cut the numbers from the bingo ticket.
- Top 4 participants who complete the 'B','I','N','G','O' first would be qualified for the final round.
- Participants would be required to remain present in the meeting throughout the round.
- Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Decisions of the organizing committee and judges would be considered final.

Round - 3 : TIC-TAC-TOE

- The top 4 participants would be bifurcated based on their completion time of previous rounds.
- 2 groups would be made according to the rankings and meeting links would be sent accordingly.
- Questions would be asked to the participant turn by turn.
- Correct answers will give a chance to participants to keep their sign at their choice of place. Wrong answers will give chance to the opponent for placing their sign.
- First one to complete the line would be declared as the winner.

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GAME AREA

INTRODUCTION :

Working with software is a talent that every civil engineer should have. But why not experiment with this software to see what you can come up with? Participants in this game area event will be able to recreate the game area from a variety of well-known games, as well as understand numerous software instructions more readily.

TEAM: INDIVIDUAL PARTICIPATION

FEES: NIL

PROBLEM STATEMENT :

Participants are required to make a 3-D model of the given game area using Autodesk Revit.

INSTRUCTIONS :

- As a prerequisite for this event, participants must install Autodesk Revit.
- During registration participants would have to select one of the games of their choice from the provided list.
- Participants would be mailed one specific photo from the selected game 15 minutes prior to the competition.
- All participants are required to remain present in the meeting throughout the competition.
- Meeting link and photo for 3-D model would be sent to participants through email 15 minutes prior the competition
- Time Limit for the competition would be 2 hour and all the participants would be required to upload their file in the google form within the given time limit. File must be in .pdf format. File name should be in the following format. <participant's name.pdf>
- Participants are advised to save the model from time to time. No excuses will be entertained regarding any network issue or technical glitches.
- Submissions received after the deadline would be disqualified.
- Participants are required to check their network connection before joining the meeting. It is requested to have a stable internet connection so as to avoid any inconveniences.
- Further submission guidelines will be given during the meeting.

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GAME AREA

RULES:

- Participants are required to replicate the given photo using Autodesk Revit.
- Try to make the game area as close as possible to the original given photo.
- Incomplete plans would not be considered for further judgments.
- Participants can give shading to the final model but editing through any other software apart from Autodesk Revit would not be accepted and participants would be eliminated from the competition.
- Judging criteria would be based on the extent to which participants can replicate the photo given to them with minute details, creativity, and accuracy of the 3D plan.
- Decisions of the organizing committee and judges would be considered final.
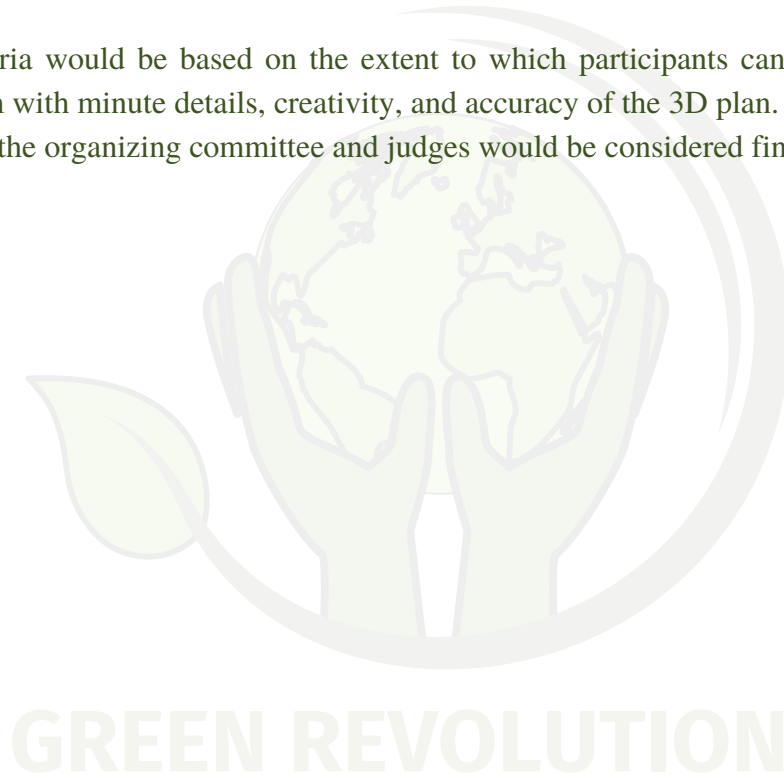
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TECHNICAL HOUSIE

INTRODUCTION :
Technical knowledge is required for core branches such as Civil engineering, and what better way to incorporate it than through the use of fun, well-known games? Housie/Tambola is one such game. Participants in this event must create their own tickets and claim rewards purely based on their technical competence.

TEAM: INDIVIDUAL PARTICIPATION

FEES: NIL

PROBLEM STATEMENT:
Participants would have to create a housie ticket from the options provided and then follow the on-screen instructions.

INSTRUCTIONS:
- Participants must upload their prepared ticket through Google form within the time frame specified, otherwise their entry will be rejected.
- File must be in .pdf format with filename as <Participantname.pdf>.
- Before attending the meeting, participants must check their network connection. To avoid any hassles, a reliable internet connection is required.
- Further guidelines will be given during the meeting.

RULES:
- Total 5 categories with 10 images each will be shown to the participants of which they have to select 15 in total (exactly 3 images from each category) to prepare their ticket in 3x5 format.
- Once prepared and uploaded, the committee will draw the chits out and accordingly participants have to cut the name from their ticket if called.
- To claim a round, participants have to form one of the five sections as mentioned below:
  L section shape
  I section shape
  C section shape
  Rectangle shape
  Hollow Rectangle shape
- Participants have to upload the same through google form and once verified by the committee, then only the section will be considered.
- No changes in the ticket will be entertained.
- One prize per ticket only.
- Decisions of the organizing committee and judges would be considered final.
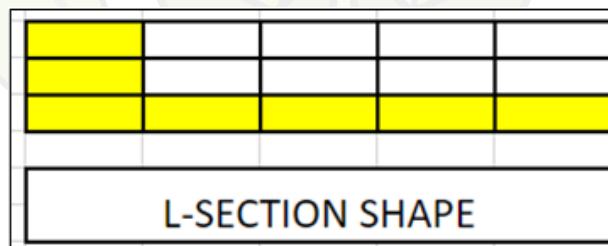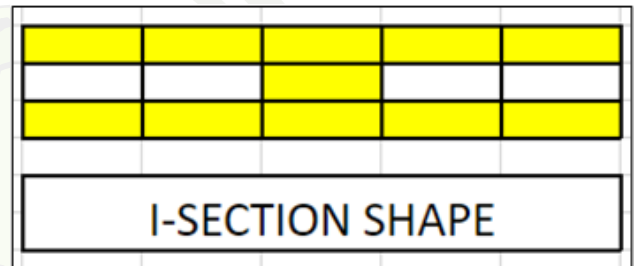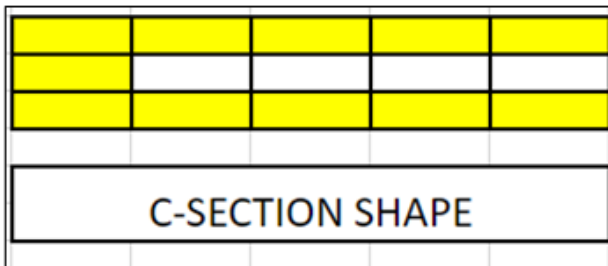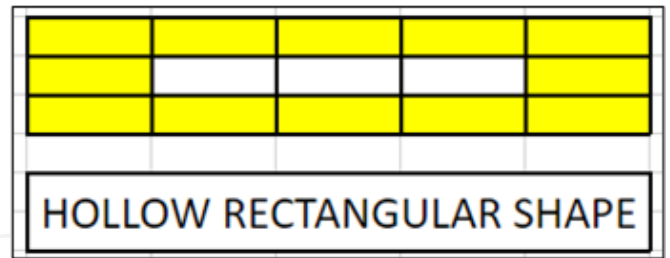
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TECHNICAL HOUSIE

PICTORIAL REPRESENTATION
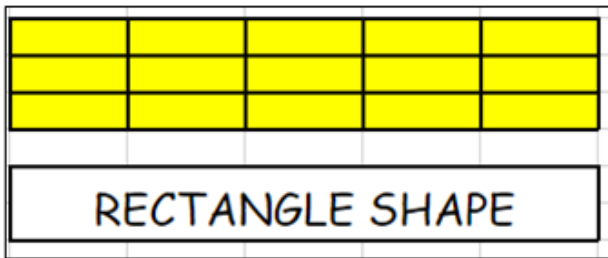
RECTANGLE SHAPE

HOLLOW RECTANGULAR SHAPE

C-SECTION SHAPE

I-SECTION SHAPE

L-SECTION SHAPE

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PAPER/IDEA PRESENTATION

INTRODUCTION:

In today's corporate environment, being able to present your thoughts, facts and statistics, technical and economic data is a highly desired talent. Participants will be able to come up with current methodologies, data and figures, and new prospective ideas connected to civil engineering issues as a result of this paper/idea presentation event.

TEAM: INDIVIDUAL or 2 MEMBERS

FEES: NIL

PROBLEM STATEMENT:

Participants would have to present their views on the given topic with valid technical information, facts, and figures, economic and socio-economic information.

INSTRUCTIONS:

- During registration, participants would have to select one topic for paper/idea presentation from the given list of topics.
- Participants would have to submit their paper/PowerPoint presentation through google form at least 24 hours before the competition. Failing to do so will lead to disqualification. The file must be in .pdf format. The filename should be in the following format. <group leader's name.pdf>
- Any presentation found with plagiarism will lead to direct disqualification from the competition.
- Participants would have to present their paper/idea in an online meeting.
- All the participants would have to remain present throughout the competition.
- All participants are requested to check their internet connection prior to the competition so as to avoid any inconvenience.

RULES :

- Participants would have to give a depth explanation about their selected topic.
- Judging criteria would be based on the extent of technical and non-technical information included in the presentation, presenting skills, and participant's knowledge (which would be based on question-answer session).
- Participants would be given a time limit of 15 minutes for their presentation and 10 minutes for a question-answer session. Points would be deducted if the participant exceeds the time limit.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Decisions of the organizing committee and judges would be considered final.
- Further guidelines will be given during the meeting.

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ONLINE EXTEMPORE

INTRODUCTION:

Communication is the backbone of our society. It enables us to create bonds, influence decisions, and inspire change. The capacity to advance in the workplace and in life would be almost impossible without communication skills. One of the most essential and feared kinds of communication is public speaking. We hope to instil the confidence of fluent and comprehensive speaking in our employees through the extempore competition so that they are always ready to break through communication barriers in their professional lives.

TEAM: INDIVIDUAL PARTICIPATION

FEES: NIL

PROBLEM STATEMENT:

Participants would have to give a speech on the given topic which should include technical, social, economic or socio-economic (whichever applicable) information.

INSTRUCTIONS:

* All the participants would have to remain present throughout the competition.
* All participants are requested to check their internet connection prior to the competition so as to avoid any inconvenience.
* Further guidelines will be given during the meeting.

RULES:

* Participants can speak in Hindi/English/Gujarati but the mixing of the languages is not allowed.
* Evaluation of the extempore would be done on the basis of presentation skills, vocabulary and content of the speech.
* Points would be deducted if the participant talks beyond the allotted time for extempore.
* Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification from the extempore.
* Topics would be given on the spot with 3 min to prepare their speech and 3 min to present on the given topic. Make a note that the time limits could be varied as per the number of participants.
* In case of any problem due to network and internet connection, the panel would take the required steps.
* Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
* Decisions of the organizing committee and judges would be considered final.

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PLACEMENT GURU

INTRODUCTION:

Placement Guru is another event where students may learn about the current placement procedure. Students can perform effectively in front of any placement firm with this expertise. This event will be beneficial to students who will be undergoing a placement procedure in the near future.

TEAM: INDIVIDUAL PARTICIPATION

FEES: NIL

PROBLEM STATEMENT:

Participants would have to go through various rounds such as IQ test, GD and interview round which would be similar to the placement process.

INSTRUCTIONS:

- All the participants would have to remain present throughout the competition.
- All participants are requested to check their internet connection prior to the competition so as to avoid any inconvenience.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Further guidelines will be given during the meeting.

RULES :

Round 1: IQ Test

- First-round will be according to all the engineering fields which include IQ questions like logical and reasoning and General Aptitude etc.
- The test will consist of 30 marks and 1hr time will be given to participants. Based on their performance they would be selected for the next round.
- Top 16 students would be selected for round -2. Make a note that the time limits could be varied as per the number of participants.
- Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification.
- Decisions of the organizing committee and judges would be considered final.

Round 2: Group Discussion

- A group of 8 students would be selected and on the spot topic would be given to them with a preparation time of 5 minutes.
- Participants would be judged on the basis of knowledge on the given topic, self-confidence, communication skills/ power of speech, body Language and personal appearance, listening skills and Cooperation.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification.
- Top 8 students would be selected for the final round. Make a note that the time limits could be varied as per the number of participants.
- Decisions of the organizing committee and judges would be considered final.

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PLACEMENT GURU

Round 3: Personal Interview
- In this final round the judges will interview the selected students and assess their performance.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification
- Decisions of the organizing committee and judges would be considered final.

GREEN REVOLUTION

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ONLINE TREASURE HUNT

INTRODUCTION :

Any techfest cannot be completed without this event called treasure hunt. Solving the clue and reaching the final destination before anyone else is what this event is known for. Well why don't we have a twist here? As everything is becoming online let us also shift these clues to online mode. Let us find out how.

TEAM: INDIVIDUAL PARTICIPATION

FEES: NIL

INSTRUCTIONS :

- Participants would be mailed the meeting link 15 minutes before the commencement of the game.
- All the participants would have to remain present throughout the competition.
- All participants are requested to check their internet connection prior to the competition so as to avoid any inconvenience.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Further guidelines will be given during the meeting.

RULES:

- Participants would be mailed a series of password-protected pdf at the beginning of the game.
- Each pdf would consist of a question from various domains of civil engineering.
- Participants would have to solve the question and the answer obtained would be the password for the next pdf as well as reading for the next question.
- There would be seven such pdfs and the time taken by participants to reach the final answer would be considered for judgment.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Any sort of misconduct and biased means like making use of the internet or any other material would lead to disqualification.
- Decisions of the organizing committee and judges would be considered final.

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OPEN MIC

INTRODUCTION:

Participants would have to speak and present before the audience on any of these: Standup, Poetry, Short Story and Shayari.

TEAM: INDIVIDUAL or 2 MEMBERS

FEES: NIL

INSTRUCTIONS:

- All the participants would have to remain present throughout the competition.
- All participants are requested to check their internet connection prior to the competition so as to avoid any inconvenience.
- Further guidelines will be given during the meeting.

RULES:

- Participants can speak in Hindi/English/Gujarati.
- Evaluation would be done by the audience in the form of a poll.
- Any sort of misconduct and usage of inappropriate language would lead to direct disqualification.
- The choice of participants will be respected for the selection of the type of performance.
- In case of any problem due to network and internet connection, the panel would take the required steps.
- Participants will be video proctored during their respective time slots, so make sure you have your video on during your chance.
- Decisions will be taken on the basis of poll and would be considered final.

GREEN REVOLUTION

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