eXabyte 2022

Connecting the New Normal

RULE BOOK

EVENTS:

1. Codeplay (Coding)
2. eXathon (Cryptography and App Development)
3. Webbed (Webpage Designing)
4. Brainstorm (Quiz)
5. Verb-O-War (Debate)
6. Digibit (Hardware Circuit Designing)
7. Pitch-to-Rich (Startup Challenge)
8. Em-Bleed (Poster/Digital Artwork/GIF making)
9. Snappit (Photography)
10. Byte Tales (Micro Fiction)
11. X-Hunt (Clue Hunting)

1. CODEPLAY (Coding)

Languages available: C, C++, Java

Team size: One

Reverse Coding :
- A set of output(s) will be given. Participants need to analyze them and write the code for it.
- The event is to be held in Hackerrank.
- Fastest and the closest ones to the correct solutions get the Winner and Runners-up spots.

2. EXATHON (Cryptography and app development)

Team size: Two

Round 1: Crypt-X:
- A set of n questions will be given in password-protected .txt files on Day 1 of eXabyte.
- The first question will be accessible to every participant.
- The answer to the ith question will be the password of the file containing the (i+1)th question, $1 <= i <= n-1$
- The answer to the nth question will be the password to the question of round 2

Round 2: App Development:
- There will be a list of topics. The participants are to choose one and design a complete application (either Web-app or mobile app) on the topic selected and present it on day 2 of eXabyte.
- Draw an ER Diagram to explain the planning.
- Participants will be marked on the UI designing, planning, final presentation of the app, efficiency of the data structures used, etc.

REGISTRATION LINK :
https://forms.gle/eTq4ikSQKwAg3M2v7

3. WEBBED (Webpage Designing)

Team size: One-two

- Participants need to create a stand-alone webpage (only the front end).
- Languages supported are HTML, CSS and plain JavaScript only.
- Same set of images will be provided to every participant for inclusion in the webpage.

REGISTRATION LINK:

https://forms.gle/Jf7E6ttrnuhN7pzV8

4. BRAINSTORM (Quiz)

Team size: Two

- A generalized quiz event, covering all topics.
- Format and rules of the quiz will be decided by the Quiz Master during the event.

REGISTRATION LINK :

https://forms.gle/HpFtUBKHn5eW4Kvo8

5. VERB-O-WAR (Debate)

Team size: Two (one participant FOR the motion and one participant AGAINST the motion)
Prelims to be conducted only if the organizing committee deems it necessary else there will only be one round (finals) for this event.

PRELIMS (to be held if required):

- One member of each team is to participate in the prelims.
- The participants will be informed of the topic an hour prior to the prelims.
- Each participant will get to speak on the given topic for 2 minutes.

FINALS :

- The topic for the finals will be given a day prior to the event.
- The participants will be informed the same by the PR team.
- The debate is to be conducted in the Oxford style.
- Time limit for each speaker is 2+1 minutes and the rebuttal time allotted is 1 minute per speaker.

REGISTRATION LINK :
https://forms.gle/WUFhaYoqmzGB95Zp9

6. DIGIBIT (Hardware Circuit Designing)

Team size: Two

PRELIMS (to be held if required):
- MCQ questions to be solved by each participant without consulting each other.
- The team with the highest score goes to the Finals.

FINALS :
- A circuit diagram will be given. The circuit is to be designed on the Tinkercad software.
- The fastest team to complete the circuit and the most efficient one gets to be the Winner and Runners-up.

REGISTRATION LINK :

https://forms.gle/vVysN26q22L455nq5

7. PITCH-TO-RICH (Start-up Challenge)

Team size: One to three

- A pool of topics i.e. problem statements will be given to the participants.
- The participants are to choose any one topic and will then get to work on the problem statement - both for an efficient solution and for a presentation.
- The solution designed should be clear, concise and efficient. After that, everyone is to present their ideas in the form of a presentation to the judges.
- The teams will be marked based on how well they address the problem statement that they chose.

REGISTRATION LINK:
https://forms.gle/j7fMLFr6hKjAHADu9

8. EM-BLEED (Poster/Digital Artwork/GIF Designing)

Team size: One

- Participants will have to design poster/digital artwork/GIF on a given topic.
- The design must not represent any particular individual, organization or brand name and must not hurt any religious sentiments.
- Use of PS or Adobe Illustrator is allowed only.
- Final submissions should be in .jpeg format only.

REGISTRATION LINK :

https://forms.gle/L5D9zBbnxQmmqyPP9

9. SNAPPIT (Photography)

Team size: One

- A theme will be given
- Editing of pictures is allowed. The original (RAW file) as well as the edited picture (if edited) are to be submitted.
- Geotagging is compulsory.
- Maximum number of submissions allowed is 3 per participant.

REGISTRATION LINK:
https://forms.gle/eEddRWEQ9zQx9CuN8

10. BYTE TALES (Micro Fiction)

Team size: One

- A theme will be given.
- Participants need to write a short paragraph (word limit: 30 words) on the given theme.

REGISTRATION LINK :

https://forms.gle/qnMj3GMt51mKPrNB6

11. X-HUNT (Clue Hunting)

Team size: Two

PRELIMS (to be conducted if necessary):
- The participants will be given a set of questions which they will have to answer within the given time

MAIN EVENT :
- There will be several clues given about famous places or monuments.
- Participants need to decode them and guess the name of these places.

REGISTRATION LINK :

https://forms.gle/7AnjzX2PFVnQ2yuR8