Drestein -2022 Department of Computer Science and Engineering

| Event Title - The Lost Code (Code Treasure Hun |
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Date and Session - 17.11.2022 FN



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Round 1(Aptitude and Quantitative puzzles/problems)

Rules

In this round the teams (2-3 members) will be given a set of aptitude and logical based questions which they need to solve within the given time. This round will contain questions related to algorithms like N-queens as well as encryption and decryption using simple cipher techniques to find the clues for the second round. The teams that manage to solve all the questions correctly within assigned time will proceed to the next round.

Round 2 (Mismatched cohort)

Rules

Each team will be given chits with mismatched/jumbled codes and they have to rearrange it and obtain the correct code and result. The decrypted clues of the first round will reveal the idea that has to be coded in the second round. The first 20 teams which get the highest number of correct outputs in the assigned time will be qualified to the third round.

| | Round 3 (Clue Mining) | | | | |
|-------|---|--|--|--|--|
| Rules | Based on the output of the second round, The teams have to perform file mining in the given git repository and dig through many folders and files to get snippets of algorithm to qualify to the final round. They need to arrange the algorithm in proper order. The first 5 teams to complete this round will qualify to the final round. | | | | |
| | Round 4 (Expect the Unexpected) | | | | |
| Rules | Each team will have to code the program for the found algorithm in either C programming or Python language and the first team to complete the coding will be the winner of the event. | | | | |

| Event T | Title - Design Space (UI design) | | | 1 7 2 | | |
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| Date and Session - 17.11.2022 AN | | | | | | |
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| 5 | Sachin E A | II | 9080298708 | sachinezhilmaran@gmail.com | | |
| | Round 1 (Quiz) | | | | | |
| Rules | A team shall consist of one or two persons (Max). | | | | | |
| | The participants shall not be allowed to use mobile. The participants need to attend a quiz consisting of 20 questions in 10 mins. Questions will be from general computers and UI. After completing the quiz, participants need to design a website UI. | | | | | |

Round 2 (Innovative Interface)

The participants need to design a website page based on the theme given.

Rules

The participants are given 5 themes, 3 fonts and 3 images. They need to select one from the given themes and need to design a website UI

Take up one of the five challenges provided and design a UI in accordance with the challenge.

Font and image requirements should be fulfilled as provided in the challenge.

Participants can use images of their own if necessary.

Participants should not use the pre-defined components from the external resources

Participants are given the freedom to choose any one of the given tools which is fit for designing a UI interface.

Tools:

FIGMA

FLUID UI

VISILI AI

| Event Titl | e - Sightless Snippets (Blind Coding) | | | A |
|------------|--|------------------------|--------------------|--|
| | Session - 18.11.2022 FN | | | Secretary of the second |
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| | | Round 1(Simple S | Snippets) | |
| Rules | Rules A set of simple programs are given to the coders, they have to find the solution to those programs and execute it in the system with screen off. Those who give the correct answer with in certain time they are qualified to the next round | | | |
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| | | Round 2 (Fla | ash) | |

Round 3 (Fix the Snippets)

Rules

Program with some errors is given in the paper to the coders and first they have to debug that program in the paper and then they have to execute the same program in the system with screen off.

Then three pattern programs are given to them and they have to find the solution to that program then they have to execute it in the system with screen off.

Event Title - Dare to Compete (Ideathon)

Date and Session - 18.11.2022 AN



| S.no | Name of Staff | Designation | Whatsapp Number | Email ID |
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Round 1 (Abstract extraction)

Rules

The theme of ideathon will be given two days before the event

The participants need to prepare an abstract for their idea based on the theme.

A group can contain minimum of 1 and maximum of 3 members

The top 10 teams will advance to ROUND 2 on the basis of their report

| Round 2 (PPT Presentation) | | | | |
|----------------------------|---|--|--|--|
| Rules | Each team will be receiving 3-4 minutes to present their idea through ppt and 2-3 minutes to solve the given questions (Timing may vary based on number of teams). The TOP 3 will be selected based on the idea of the presentation. | | | |