

UDAAN FEST 2K22 (11th NOV, 2022)

TECHNICAL EVENTS

PROJECT DISPLAY

DESCRIPTION:

The project can be hardware model/ software simulation/ case study related to science and technology.

Each group should present poster/ppt of their project. The content of the Poster/ppt should be in the following manner:

- a)** Introduction of the project.
- b)** Objective of the project.
- c)** Description of the project.
- d)** Outcomes of the project.

RULES AND REGULATIONS:

- 1.** A maximum of **four members** in a group will be allowed.
- 2.** Students should bring their ID card of their collage or certificate from the Head of the Institute for verification.
- 3.** Brief description of the project should be submitted during registration.
- 4.** Each group will get **15 minutes** to present their project.
- 5.** For software/coding based project, group should bring their own Laptop.
- 6.** The student are solely responsible for the security and safety of their resources.
- 7.** Each group must follow proper sequence for project presentation.
- 8.** Your project should be accepted if it is fully completed.
- 9.** Any harmful substance or chemical should not be considered as a part of your project.
- 10.** Your project should not show any kind of criticism against any organization/people/authority.

TECHNICAL QUIZ

Description:

Technical quiz competition is based on technical knowledge and tests the student/s retention and accumulation of knowledge towards application of concepts.

There will be three rounds as follows:

Round 1 (Screening Round)

- Each individual would be given a set of question paper containing 30 multiple objective type questions.
- Time limit - 10 minutes.
- Only Qualified individual would be selected for next round.
- Individuals will be selected based on their performance related to time limit and marks obtained in screening.
- Minimum 6 teams are to be formed from selected individuals.

LET'S INCLUDE FUN:

Until results for screening round are being checked and calculated ...there will be talent hunt among students which may include singing, dancing, mimicry etc. This will be just for fun and to make activity more interactive. It will have no earning rewards nor it will affect marks system.

Round 2

- Round 2 will be based on technical questions.
- This round will consist of team of 3 members.
- These questions may be covering topics like aptitude, logical reasoning, medium level computer-based question, picture identification and logos (of languages, software companies etc.)
- The same will be transferred to audience via pdf projection medium.
- Each team will be given time limit of 30 seconds to answer the question. Correct answer will be rewarded with points. There shall be no negative marking.
- Team answering correctly will be given chance to play a fun game**. The game will have no earning points but team winning the game will be given special reward.
- After game, again question will be asked and answering team will play game and loop will continue.
- 3 teams are to be selected for the final round.

Note:

**fun games may include dares, whisper challenge, story formation from two three given pictures, picture memory etc.

Round 3 (Rapid fire round)

- Providing correct answers as quickly as possible is what teams should strive for.
- 10 marks for the correct answer and negative 5 marks for the wrong or no answer.
- Team giving more answer and having more points will be selected for winning position.
- The winner team will be rewarded with certificates.

ROBO WAR

Maximum Team Size: 4 (Four members)

Guidelines:

Maximum Size: 500mm × 500mm x 750mm.

Maximum Weight: 25kg. Excluding external power supply and controller unit.

Voltage limit: 24v DC

Participants must bring their own Power Supply.

+/-10% tolerance in weight and dimension is allowed.

Pneumatic devices are allowed.

The robot should not cause any damage to the arena or else it will be disqualified.

DEBATE

- 1) Each team will consist of two or three speakers.
- 2) In round 1, the participant of each team will be given a time limit not exceeding 10 minutes to speak on the subject.
- 3) State the facts, and not just your personal opinion.
- 4) Participants should respect their opponents.
- 5) Do not shout.
- 6) Language can either be Hindi or English.
- 7) Do not interrupt when others are speaking.
- 8) While questioning the opponents, the questions should be fair and clear.
- 9) Points will be given based on content, confidence, arguments.
- 10) The judges must accept the team that shows better ground for its interpretation of the subject.
- 11) Each team will be given 5 points for winning an argument.
- 12) There will be no negative marking.
- 13) Shortlisted teams will appear in round 2.
- 14) Same rules must be followed in round 2.
- 15) The team with the highest points at the end of round 2 will be declared as the winner.

CODE WAR

Event Specification

- 1) This is an Individual Event. All contestants are required to present a valid student identification card.
- 2) The compiler provided will be Turbo c.
- 3) This event consists of two rounds.
- 4) In Round-1 "C" program statement of medium complexity will be given.
- 5) In Round-2 "C" program statement of high complexity will be given.
- 6) Contestants cannot bring any notes or textbooks to the contest room.

Rules

- 1) Each contestant has to write the code for the problem statement, with **MONITOR ON**.
- 2) Each contestant will be allowed to use only a single computer and must write and test their programs on that machine, wholly within the contest room.
- 3) Contestants may be allowed to bring/use their own compiler (or interpreter) in the contest provided that they notify the Contest Committee in writing at least one week prior to the contest and indicate the make, version number and key features of their chosen compiler.
- 4) All solutions must be submitted together on a single diskette. Both the source code and the executable program for each problem, must be included on the disk. Once submitted they may not be changed!

Evaluation of Contestants' Programs

- 1) All contestants will be given the same set of problems to solve
- 2) Each problem will have a specified point value. The more difficult the problem, the more points a correct solution will receive.
- 3) Contestants whose code gets executed will be given higher preference.
- 4) The second preference will be given to code with least number of errors.
- 5) In case of tie in number of errors then timing will be considered.
- 6) Shortlisted participants of Round I will appear for Round II for which above rules will be applicable.
- 7) Contestants may not seek hints and/or ask for leads during the contest. They may, however, submit questions about procedure and/or clarification, in writing, to the Contest Committee who will ensure that all contestants receive the same information as deemed necessary.

Team size: Individual (only one)

Duration: 1 hour (each round)

Judging Criteria:

- 1) Time & Space Complexities of the proposed solution.
- 2) Short & Clean Code
- 3) The uniqueness of the code

AUTOCAD COMPETITION

1. A drawing will give to participants & they will have to draw it in AUTOCAD.
2. They drawing should be made with proper dimensioning.
3. Any discrepancy leads to disqualification of candidate.
4. Total time allotted for the event is 25 minutes and 5 minutes to think over the matter.
5. Candidates who finish the task first will win the first round.
6. Shortlisted candidate will appear in round 2.
7. Same rules must be followed in round 2.
8. The winner candidates will be rewarded with certificates.

EDITING WITH PHOTOSHOP

RULES & REGULATIONS:

- 1) It is an individual competition.
- 2) Participants should bring their ID card of their collage or certificate from the Head of the Institute for verification.
- 3) Software will be used Adobe Photoshop 7.0.
- 4) Photo may be black & white or color, JPEG, PDF, or PNG (No RAW or PSD image files accepted).
- 5) The page size should be A4.
- 6) Participants can used internet for downloading purpose.
- 7) Participants can used any tool for editing.
- 8) There are only one round in this event, Students will get 25 minutes to present their Editing.
- 9) In which, Students will be given a photo and they have to make similar photo using editing tools.
- 10) Decision of the judges will be final.

CREATIVE WRITING

Rules and Regulations.

Note :- Language will be English only.

Discription :- This is the art of playing with words where the contestants write about a topic in the most creative approach.

1. It is an individual competition.
2. It will be descriptive form of writing.
3. Time limit will be 1 hour and word limit is 1000 words.
4. Negative marking for exceeding the word limit.
5. Topic will be given on the spot.
6. Participants will be judged on Idea Mapping, Writing Skills and Expression.
7. Only sheets will be provided. Get your own stationery.
8. No Electronic gadgets like cell phones, Laptops, etc. shall be allowed.
9. No second person, other than the participants will be entertained.
10. Don't carry any extra sheet or paper during the competition.
11. Decision of the judges / coordinators will be final.

BREAK THE QUERY (ORACLE)

Description: Break the Query competition is based on technical knowledge of SQL.

Number of team members: One member

Rounds: There will be two rounds as follows:

Round 1: Elimination Round (MCQs related with Database Management System)

Round 2: Solving SQL queries.

Rules:

- ✓ Registration is mandatory for participation in the event.
- ✓ Decision of judges / coordinators will be final.
- ✓ Time limit for each round is 10 minutes.

Disqualification Criteria:

- ✓ Unfair means
- ✓ Indiscipline / arguments

BUSINESS IDEA (PLANDENEGOTIO)

DESCRIPTION:

Each team must present their respective business idea through Power Point Presentation (PPT). The content of the presentation needs to be in following manner:

- A. Introduction of the business idea.
- B. Financial, Manufacturing and Marketing plans/aspects related to the business idea.
- C. Description of the business idea.
- D. Implementation of the business idea.

RULES OF THE EVENT:

- Business plans may be submitted by individuals or by teams.
- There must not be more than **3 members in a team**.
- Executive summary containing the expansion of the aspects outlined must be sent through an **E-mail** or **Hard Copy** before **November 5, 2022**.
- The selected plans will be intimated through the coordinators of the event.
- The participants must mention the title of their respective plan. For example **‘XYZ PLAN’**.
- Teams need to bring *asoft copy* in **apen drive or laptop** while attending the competition.
- The idea presented shouldn't be similar with any existing business.
- Each team or individual will get maximum **15 minutes** to present the idea.
- Candidates must bring their ID card with them.
- Each group must follow proper sequence to present their idea.
- Your Idea should not show any kind of criticism against any organization/ people/ authority.