A NATIONAL LEVEL TECHNICAL FESTIVAL

Technokruti

2K25

20th and 21st February 2025

Event Details of

CSE/IT Department

"Bits 'n' Bytes"

1. Query Quest
2. Compile Clash
3. Web Warriors
4. Reel Vibes
5. Frame The Moment
6. Blind Volleyball
7. Meme Mania
8. Fear Factor
9. Squid Game 2.0
10. Code Crafters

Student Coordinator	Faculty Coordinators	
Dhruv Shah	Prof. Kevin Prajapati	Prof. Sandip Tandel
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Query Quest

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 40
Event Location	A31

Rules

- All the code will be done on MYSQL software.
- Internet access will not be provided.
- There will be 2 rounds.

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Compile Clash

Event Type	Group Event
No. of Participants	2
Registration Fee	Rs. 100
Event Location	A18

Rules:

- No external resource: Participants can only rely on their knowledge of C programming and cannot use any external resources such as books, the internet, or notes.
- Limited time: Set a specific time limit for each coding challenge to keep the competition fair and intense.
- Closed Environment: Participants should work in a controlled environment without access to other participants' screens or discussions.
- Random problem selection: Problems should be randomly selected to ensure fairness and prevent participants from preparing for specific challenges.
- Blind evaluation: Judges should evaluate the code without knowing the identity of the participant to ensure impartial judgement.
- Clear problem statements: Provide clear problem statements to ensure all participants understand the requirements equally
- Node bugging tools: Participants Cannot use debugging tools or compilers with advanced features; they must rely on basic debugging techniques.
- Single attempt: Participants have only one attempt to complete cach coding challenge, preventing them from making multiple tries to improve their solutions.
- Code review: After the competition, participants can review each other's code and discuss different approaches used to solve the challenges.
- Fair grading criteria: Establish clear criteria for judging the solutions, such as correctness, efficiency, readability, and adherence to best practices.
- Round 1:- MCQ test
- Round 2:- Error find and correction
- Round 3:- Write a code on giving Aim

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Web Warriors

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 50
Event Location	A29

Rules

- The Event will consist of two rounds:

Round 1: Multiple Choice Question (MCQ) Quiz

- Format: Online MCQ quiz consisting of 30 questions.
- Duration: 30 minutes.
- Platform: The quiz will be conducted through Google Forms, and the link will be provided to participants.
- Selection Criteria for Round 2: The top 15 candidates with the highest scores in the MCQ quiz will qualify for Round 2.

Round 2: Website Designing

- Format: Candidates will design a website based on a given theme.
- Duration: 2 hours.
- Theme: The theme for the website design will be provided to the candidates.
- Winner Selection:
- A judge will evaluate the websites designed by the candidates.
- The top 3 candidates with the best designs will be declared as winners.

Rules and Regulations:

- Individual Participation: Only individual entries are allowed.
- Registration Fee: A registration fee of Rs. 50 is applicable to participate in the competition.
- Coding Platform: All coding must be done in Visual Studio Code (VS Code) only.
- Programming Languages: Only HTML and CSS languages are allowed for the competition.
- Task Completion: All candidates must complete the given task within the allotted time.
- Internet Access: Candidates are not allowed to access the internet during the competition.

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Reel Vibes

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 50
Event Location	A33

Rules

- Individual entries are required.
- The registration fee is 50.
- Participants can use any of the editors as they prefer.
- Participants have to complete proper editing before 3: 30 PM
- All participants have to upload their edited reel in the given Google Form which will be selected by the judge.
- Selected participants will upload their reel on Instagram and collaborate with the given Instagram account.

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Frame The Moment

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 30
Event Location	A33

Rules

- Individually entries are required
- The registration fee is Rs.30.
- Participants can use only lightroom apk (required)
- Participants have to complete proper editing before 2 pm.
- All participants have to upload their captured photo in the given Google form which will selected by the judge for round 2
- In round 2 participants will be given random photos for editing. The total time for editing a photo will be 20 min After that the winner will be announced.

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Blind Volleyball

Event Type	Group Event
No. of Participants	6
Registration Fee	Rs. 300
Event Location	Ground

Rules

- Team size 8 (6 Players + 2 Bench Player).
- Free game style will be played [three-pass or shooting]. (if both the teams agree to play any one type then and then it will be done.
- Nivia PU ball will be used during the tournament.
- The referee's decision will be the final decision.
- If the team will not arrive at the given time then they will be disqualified.
- A knockout system will be followed (if the team loses, they will be out of the tournament.)
- 15 15-point games will be played.
- A Player cannot play in multiple teams.
- All players must be from the same college.
- Players must come with their ID card.

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Meme Mania

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 40
Event Location	A15

Rules

- Maximum 3 participants can intake.
- There are 4 rounds and final round in a game.
- In 1st round participants will be given number of MCQs.
- In 2nd round participants need to guess the movie title.
- In 3rd round participants need to guess the character by tune within a given time limits.
- In 4th round participants need to answer the given conditions within a given time limits.
- Highest scored participant will go to the final round.
- Participants get 1 point after answering the questions correctly.
- In final round participants need to guess the song within a given time limits.
- In final round we have negative marking.

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Fear Factor

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 100
Event Location	Ground

Rules

- Participants must have to participate in the event individually.
- You have to face each round to win the competition.
- Help from others or the use of any gadget is not allowed.
- In case of a tie, a tiebreaker will be conducted, and the final decision will rely on the judges.
- Elimination will be based on the total number of participants.

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Squid Game 2.0

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 50
Event Location	Besides A-Wing

Rules

- Rules will be instructed on the ground.
- The one who violates the rule will be eliminated.
- Participants engage in four rounds of challenges: Red Light Green Light involves dancing to music and freezing,
- Tug of War sees teams pulling a rope to stay in their court, pass the ball,
- Participants form groups of 10 and pass a ball; when receiving, they must remain still, and those adjacent sit; failure results in elimination and Make the Rod Stand entails holding a rod in a circle without letting it fall.
- Failure leads to elimination in each round.

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Code Crafters

Event Type	Individual Event
No. of Participants	1
Registration Fee	Rs. 50
Event Location	A30

Rules

- Individual entries are required.
- Mobile phones are strictly prohibited.
- This event involves coding without being able to see the display.
- Participants are required to write the code in C with their monitors switched off.
- Code should be compulsory compile and run.
- This event comprises two rounds:
- Round 1:
  - Participants will able to see code on screen for 2 min.
  - Provided code will be error free.
  - Your objective is to type the code with your monitor switched off.
  - You will have a time limit of ten minutes for typing.
- Round 2:
  - Participants will receive a code with syntax errors.
  - Your objective is to identify and rectify the errors.
  - Once corrected, type the code with your monitor switched off.
  - You will have a time limit of 15 minutes for both error correction and typing.
- Winners Announcement:
  - The winners will be determined based on the results of compilation and code execution.