Event: CodeVoyage

_____

Code Voyage: Unleash Your Coding Skills!

Are you ready to take on the ultimate coding challenge? **Code Voyage** is your chance to showcase your problem-solving genius and creativity. Compete solo, rise to the top, and win exciting prizes.

Why Participate?

- **Push Your Limits**: Take your skills to the next level.
- **Make Your Mark**: Stand out and dominate the leaderboard.
- **Earn Rewards**: Top performers will be recognized!

General Rules

1. Solo Participation: Each participant competes individually; no team participation is allowed.
2. Time Management: Each round has a strict time limit. Participants must adhere to the specified timings.
3. Fair Play: No external help or cheating is permitted. Any violation will result in disqualification.
4. Device Use: Only authorized devices and tools are allowed. No internet usage is permitted in any of the rounds.
5. Decision Authority: The organizers' decisions are final in case of any disputes.

1st Round: Quiz (Knowledge Check)

1. Format: Multiple-choice questions.
2. Time Limit: 20 minutes to complete all questions.
3. Scoring: Points awarded for correct answers; no negative marking.
4. Qualification: Top scorers advance to the next round.
5. Tie-Breaker: In case of a tie, additional questions will be provided.

2nd Round: Treasure Hunt (Problem-Solving)

1. Clues & Tasks: Participants must solve programming-related clues using C language concepts to find hidden tasks.
2. Navigation: Clues will lead to different locations or codes that need to be deciphered.
3. Time Limit: 45 minutes to solve all clues and complete the treasure hunt.

4. Scoring: Points awarded for each correctly solved clue and completed task.
5. Qualification: The first few participants to complete the hunt advance to the final round.

3rd Round: Coding (Application Development Challenge)

1. Task: Participants are required to develop a small application using the C language based on a given problem statement within a specified time limit.
2. Time Limit: 60 minutes to complete the application development.
3. Problem Statement: At the beginning of the round, participants will receive a detailed problem statement outlining the requirements and functionalities needed for the application.
4. Development Environment: Participants must use the provided development tools and environments. Internet access is strictly prohibited.
5. Language & Tools: The C programming language is mandatory, and participants must utilize the specified tools provided at the start of the event.
6. Code Quality: Applications will be evaluated based on functionality, efficiency, and strict adherence to the problem requirements.
7. Testing: Participants must ensure their application is free of bugs and runs correctly. Test cases may be provided to validate the application.
8. Submission: All applications must be submitted before the time limit expires. Late submissions will not be considered.
9. Evaluation Criteria: The applications will be judged on the following aspects:
    a. Functionality: Does the application fulfill the required specifications?
    b. Efficiency: Is the code optimized and efficient?
    c. Creativity: How innovative is the solution to the problem?
    d. Complexity: How well does the application handle complex requirements?
10. Winner: The participant whose application scores the highest across all criteria will be declared the winner of the Coding Challenge.

Faculty Coordinator

1. Prof. Umesh Thoriya (umesh.thoriya@darshan.ac.in - +91-9714233355)
2. Prof. Sejal Gupta (sejal.gupta@darshan.ac.in)

Student Coordinator

1. Khokhar Yash KamleshBhai: +91 9428296165
2. Dadhaniya Jainil Dineshbhai: +91 8128074515
3. Raval Shreya Kapilbhai
4. Raja Yashvi Kaushik
5. Chiniya Dipa Parsaram
6. Bakori Hetvi Dipakbhai
7. Virani Mansi Maheshbhai