DAYANANDA SAGAR COLLEGE OF ENGINEERING

An Autonomous Institute Affiliated to VTU, Approved by AICTE & UGC, Accredited by NAAC with 'A' grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

- - *GENESIS PRESENTS* - -

CATALYSIS
V2.0

A 3 - DAY INTER-DEPARTMENT TECH FEST

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DSA Smackdown:
Data Structure and Algorithm Challenge

Event Overview:
- "DSA Smackdown" is a technical event that tests participant proficiency in data structures and algorithms. Participants are presented with a set of DSA questions and must aim for the highest score and the quickest completion time. This event will be conducted on HackerRank.

Event Details and Link:
- Event details and the link to access the competition will be provided on the day of the event. Participants should check their emails or event communication channels for this information.

Event Rules:

Eligibility:
- All students from Dayananda Sagar College of Engineering are allowed to participate in this event irrespective of their department and semester.
- Participants must carry their ID card to the event. They won't be allowed to participate without a valid college ID.
- Participants must be registered for the event in advance.
- This is an individual event so teams are not allowed.

Questions:
- A set of DSA questions will be provided, including easy, medium, and hard difficulty levels.

Scoring:
- Participants will earn points for each correctly answered question.
- Points may vary based on the difficulty level of the questions.
- There might be partial points based on the test cases passed.

Time Limit:
- Participants will have a specific time limit to complete as many questions as possible. The timer will start when the event begins.
- No extra time will be provided to any participant.

Code Submission:
- Participants should submit their solutions for each question within the provided time limit.
- Solutions can be written in the language of their choice from among those specified in the problem.

Computers Access:
- Participants will be allowed to use computers provided in the lab.
- However, it is advised to carry their own laptops if they prefer to work on their own devices.

Judging Criteria:
- The following criteria will be considered when determining the

winners:
- Points are allotted for every test case, and some test cases may carry more points than others.
- The final ranking will be based on the total points scored by the individual.

Tiebreaker:
- In the case of two or more participants scoring the same total points, the time taken by each participant to complete the questions will be considered for deciding the rank.
- The participant who completes the questions faster will be rankedhigher.

Prizes:
- Only two prizes will be awarded - one for the winner and one for the runner-up
- Based on the participants' scores according to the judging criteria. The participant with the highest score and the fastest completion time will be declared the winner.

Grounds for Disqualification:
- Participants may be disqualified for violations of the event rules, including cheating, plagiarism, or not adhering to the code of conduct.

Disclaimer:
- The event organizers reserve the right to modify the rules and guidelines at their discretion. Participants are expected to adhere to the rules, and any disputes will be resolved by the organizers.
- By participating in "DSA Smackdown," participants agree to the terms and conditions outlined in this rule book.