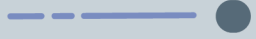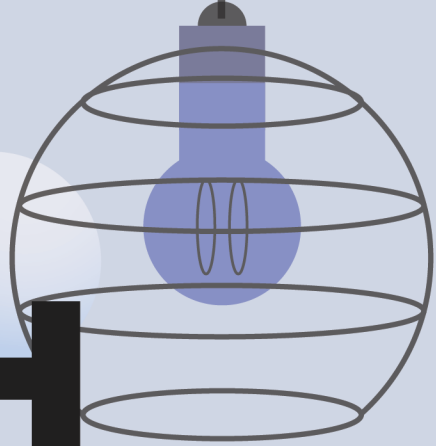# YOUTH
TECH-TIC

RULEBOOK

INTRODUCTION

Amalthea is an annual technical summit organized at IIT Gandhinagar, dedicated to fostering collaboration, knowledge exchange, and technological advancements. This year's theme, "Synergizing Knowledge," aims to provide a unique platform for students, professionals, researchers, and industry experts to contribute to science and technology.

OBJECTIVE

The Amalthea Youth Tech Challenge is designed to foster holistic development among school students by:

1. **Building Confidence:** Instilling confidence in students to exress their ideas effectively in front of an audience.

2. **Promoting Teamwork:** Encouraging collaboration and teamwork among students.

3. **Nurturing Problem-Solving Skills:** Challenging participants to devise creative solutions to real-world problems.

4. **Enhancing Communication:** Improving communication and interpersonal skills through group discussions.

5. **Providing Exposure:** Offering a platform for students to interact with peers from other schools and learn from experts.

MOTIVATION

In today's world, confidence, communication skills, and the ability to think critically are invaluable attributes. The Amalthea Youth Tech Challenge aims to address the fear of public speaking, instill a sense of respect for others opinions, and provide students with a taste of real-world problem-solving scenarios. By participating in this event, students can expect personal growth, skill development, and a chance to shine on a larger stage.

OVERVIEW

The Amalthea Youth Tech Challenge consists of two main rounds:

1. **Intra-School Group Discussion:** Schools will select their top 8 students to participate in simultaneous group discussions. The judging criteria focuses on speech quality and respect for others' opinions. The top 2 students from each school will advance to the next round.

2. **Final Round - Problem-Solving, and Presentation:** Qualified teams will receive a problem statement 14 days prior to the event. They will work collaboratively to devise creative and effective solutions. On D-day, each team will present their idea, and a panel of expert judges will evaluate their presentation and solution quality.
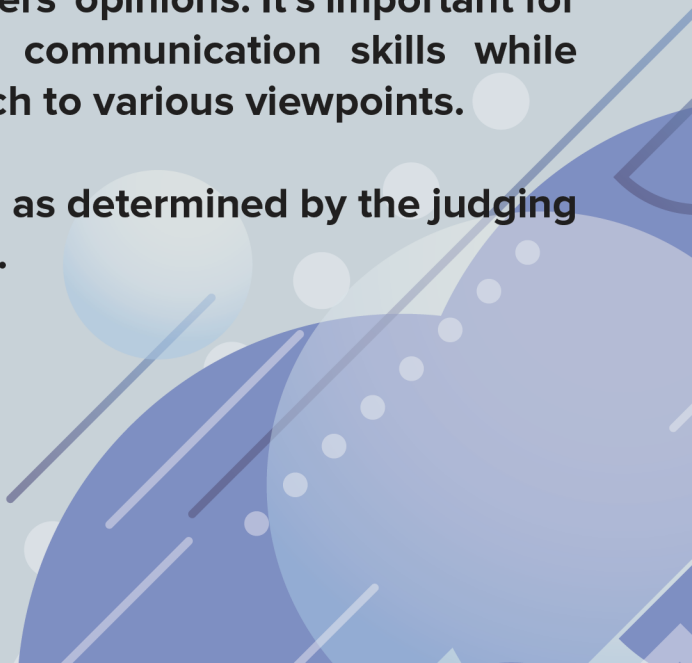
CONSIDERATIONS

1. The event aims to be inclusive and encouraging. Participants are urged to respect diversity and value different viewpoints.

2. Fairness and transparency are fundamental. The judging process is clear and impartial.

3. Participants should approach the event with a growth mindset, embracing challenges as opportunities for learning and improvement.
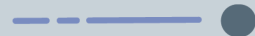
FORMAT OF COMPETITIONS AND RULES

Intra - School Group Discussion

1. The first round of the Amalthea Youth Tech Challenge involves an Intra-School Group Discussion. This round will be held simultaneously in 16 different schools, with each school nominating 8 students to participate. The students selected should be based on their academic performance, communication skills, and enthusiasm for technology.

2. During the group discussion, participants will be divided into groups of 8, and a specific topic related to science, technology, or a relevant theme will be given. The judging criteria for this round will focus on the quality of speech, the ability to express ideas clearly, logical reasoning, and respect for others' opinions. It's important for participants to showcase effective communication skills while maintaining an open-minded approach to various viewpoints.

3. The top 2 students from each school, as determined by the judging panel, will advance to the next round.

Final Round Problem Solving and Presentation

1. Qualified students from different schools will form teams of 2 participants each. These teams will be given a problem statement 14 days prior to the final event day. The problem statement will require creative thinking and the application of technology and science concepts to devise effective solutions. This round is designed to nurture problem-solving skills and encourage collaborative teamwork among participants.

2. On the day of the event, each team will present their solutions to a panel of expert judges and their peers. The presentation should be well-structured, clearly explaining the problem, the proposed solution, its feasibility, and the potential impact. Judges will evaluate both the presentation quality and the solution's innovation and effectiveness.

GUIDELINES TO SCHOOLS FOR SELECTING STUDENTS

1. Schools should nominate eight students based on academic performance, communication skills, and enthusiasm for technology.

2. Ensure gender diversity and representation from various backgrounds.

3. Emphasize the importance of teamwork and respect for peers during group discussions.

4. Provide basic information and guidelines about the event to selected students well in advance.

5. Encourage students to prepare by practicing group discussions and improving their general knowledge.

EVENT TIMELINE

1. Event Launch (Registrations Open): 4th Week of August

2. Round 1 (Intra-School Group Discussion): September End

3. Round 2 (Final Problem-Solving and Presentation): 4th November 2023

4. Location: IIT Gandhinagar campus

PARTICIPANT BENEFITS

1. Enhanced confidence and public speaking skills.

2. Collaborative teamwork experience.

3. Enhanced problem-solving and critical thinking abilities.

4. Improved communication and interpersonal skills.

5. Exposure to diverse perspectives and expert knowledge.

PRIZES AND RECOGNITION

Winning teams will receive certificates, trophies, and opportunities for further mentorship and skill development.

CODE OF CONDUCT

We expect all participants to maintain a respectful and inclusive environment throughout the event. Any form of discrimination or disrespect will not be tolerated.

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AMALTHEA '23   IIT GANDHINAGAR

For any further queries or clarifications, participants can contact the event coordinator Harshit at harshit.harshit@iitgn.ac.in or reach out to the provided contact numbers.

Participants are encouraged to share their journey and experiences using the hashtag #Amalthea and following the event updates on the official Instagram account @Amalthea_iitgn. This will help create a sense of community and engagement among participants.

CONTACT US

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