

1. Event Idea: Parallel Coding Challenge - "OptiParallel"

Overview: OptiParallel is a coding competition focused on optimizing parallel algorithms and harnessing the power of parallel computing. Participants will be challenged to enhance the efficiency and performance of given parallel code snippets or algorithms.

Vision:

1. **Skill Development:** Foster a deeper understanding of parallel programming concepts and optimization techniques.
2. **Collaboration:** Encourage participants to collaborate and share ideas, promoting a sense of community within the Parallel Computing Club.
3. **Innovation:** Inspire creative solutions to parallel computing challenges.

Event Structure:

1. **Workshop (1 Hour):** Start with a brief workshop on parallel programming basics and optimization strategies. Provide participants with tools and resources.
2. **Coding Challenge (2-3 Hours):** Participants will work on optimizing parallel code snippets or algorithms. Judges will assess the efficiency, speed, and scalability of their solutions.
3. **Showcase and Discussion (1 Hour):** Participants present their optimized solutions, explaining their approaches. Foster a discussion on different optimization techniques.

Budget:

1. **Venue:** Check if the NIT lab facilities can be used. If not, consider organising it online.
2. **Refreshments:** Provide snacks and drinks for participants.
3. **Prizes:** Allocate funds for prizes, such as certificates or small tokens of appreciation.
4. **Materials:** Budget for any necessary materials, like printed workshop materials or coding environment setup.

5. **Estimated Budget:** 15,000 Rupees.

6. **People Needed:**

1. **Organizing Team:** Plan and coordinate the event, including logistics, scheduling, and communication.
2. **Judges:** Experienced individuals in parallel computing to evaluate participants' solutions.
3. **Workshop Facilitator:** Someone knowledgeable in parallel programming to conduct the introductory workshop.

Publicity:

1. **Social Media:** Leverage platforms like Facebook, Instagram, and Twitter to create event pages and posts. Regularly update with teasers, workshop details, and countdowns.
2. **Campus Posters:** Design eye-catching posters to display across the campus, providing essential details and contact information.
3. **Departmental Announcements:** Coordinate with relevant departments to make announcements during classes or through departmental communication channels.

By combining education, competition, and collaboration, OptiParallel aims to enhance participants' skills, foster innovation, and create a vibrant parallel computing community within NIT, Tiruchirappalli. What do you think?

2. **Event Idea: Tech Symposium**

Vision: Create a platform for students to explore and discuss the latest trends and emerging technologies in the computing world, fostering curiosity and innovation.

Venue: Use an auditorium or a large lecture hall with audio-visual facilities at NIT Trichy.

Budget:

1. Guest Speakers (local experts or industry professionals): ₹8,000
2. Workshop materials: ₹3,000
3. Refreshments: ₹4,000
4. Publicity materials: ₹2,000

5. Miscellaneous: ₹3,000

Total Budget: ₹20,000

People Needed:

1. Event Coordinator
2. Guest Speakers
3. Workshop Facilitators (faculty members or industry professionals)
4. Logistics Team
5. Publicity Team

Publicity:

1. Social Media Campaign: Promote the symposium on various social media platforms, creating engaging content and using relevant hashtags.
2. Campus Posters and Banners: Display visually appealing posters and banners across the campus.
3. Faculty Endorsements: Seek endorsements from faculty members to increase credibility and encourage participation.
4. Email Invitations: Send out personalized invitations to computer science and engineering students.

Symposium Structure:

Session 1: Keynote Addresses

- Local experts or industry professionals deliver keynotes on the latest trends and future prospects in computing technologies.

Session 2: Interactive Workshops

- Concurrent workshops covering topics such as Artificial Intelligence, Internet of Things, Cybersecurity, and Cloud Computing.
- Hands-on activities and demonstrations to engage participants.

Session 3: Panel Discussion

- Panel of experts discussing the impact of emerging technologies on various industries.
- Q&A session allowing participants to interact with the panelists.

Session 4: Tech Showcase and Networking

- Participants showcase their projects or ideas related to emerging technologies.
- Networking session for students to connect with professionals and peers.

Closing Ceremony:

- Thank speakers, workshop facilitators, and participants.
- Distribute certificates and recognize outstanding contributions.

This symposium provides a broad overview of the diverse and dynamic field of computing, allowing participants to explore different areas and gain insights into the future of technology.

3. Event Idea: Code Jam

Vision: Create a competitive yet fun environment for coding enthusiasts to showcase their algorithmic skills, solve challenging problems, and compete for recognition.

Venue: Utilize computer labs or classrooms with computing facilities at NIT Trichy.

Budget:

1. Prizes for Winners: ₹8,000
2. Refreshments: ₹4,000
3. Publicity materials: ₹2,000
4. Miscellaneous: ₹3,000
5. Judges/Reviewers (faculty members or experienced students): ₹3,000

Total Budget: ₹20,000

People Needed:

1. Event Coordinator
2. Judges/Reviewers
3. Logistics Team
4. Publicity Team

Publicity:

1. Social Media and Coding Platforms: Promote the Code Jam on coding platforms, Facebook groups, and relevant social media channels.
2. Campus Posters and Flyers: Design visually appealing posters and distribute flyers across the campus.
3. Faculty Endorsements: Seek endorsements from faculty members to encourage participation.
4. Online Coding Communities: Engage with online coding communities and forums to attract participants from outside the institute.

Code Jam Structure:

Round 1: Online Elimination

- Participants solve algorithmic problems online to qualify for the on-site competition.
- Problems of varying difficulty levels to accommodate participants with different skill levels.

Round 2: On-Site Finals

- Top qualifiers from the online round compete in person.
- Live coding challenges, lightning rounds, and algorithmic puzzles.
- Judges assess problem-solving skills, code efficiency, and creativity.

Networking Break:

- Participants and judges interact over refreshments.
- Networking opportunities for participants to connect with faculty members.

Winners Announcement:

- Award prizes to the top performers.
- Recognize outstanding solutions and innovative approaches.

Closing Remarks and Certificates:

- Express gratitude to participants, judges, and sponsors.
- Distribute participation certificates to all attendees.

A Code Jam provides a thrilling experience for coding enthusiasts, promotes healthy competition, and offers a platform for networking and skill development.

4. **Event Idea: Escape Room Challenge - Cosmic Conundrum Edition**

Vision: Send participants on an interstellar journey where they must unravel the mysteries of the cosmos, solve space-themed puzzles, and navigate through the universe to find their way back to Earth.

Venue: Set up the escape room in a designated space or computer lab with cosmic-themed decorations.

Budget:

1. Cosmic Decorations: ₹5,000
2. Virtual Escape Room Puzzles and Mysteries(with a cosmic theme): ₹8,000
3. Refreshments: ₹4,000
4. Publicity materials: ₹2,000
5. Miscellaneous: ₹1,000

Total Budget: ₹20,000

People Needed:

1. Event Coordinator
2. Game Masters (students or faculty to guide participants through the cosmic adventure)
3. Decorations Team (to create a cosmic atmosphere)
4. Logistics Team
5. Publicity Team

Publicity:

1. Celestial Teasers: Share cosmic-themed teasers and hints on social media to spark curiosity.
2. Galactic Posters and Flyers: Design visually stunning posters with a cosmic theme and distribute flyers across the campus.

3. Astronomy Clubs and Forums: Reach out to astronomy clubs and forums to attract participants who have an interest in space exploration.
4. Campus Ambassadors: Appoint students as ambassadors to promote the event in different departments.

Cosmic Conundrum Structure:

Introduction:

- Participants are briefed on the scenario: their spaceship has been caught in a cosmic anomaly, and they must solve celestial puzzles to navigate through the universe and return safely to Earth.

Teams Formation:

- Participants form teams (4-6 members per team) and choose cosmic-inspired team names.

Cosmic Conundrum:

- Teams enter the virtual escape room with cosmic-themed puzzles, challenges, and interactive scenarios.
- Puzzles may include deciphering star maps, solving black hole-related riddles, and unlocking the secrets of the cosmic rift.

Time Limit:

- Set a time limit for teams to complete the cosmic conundrum.

Celestial Networking Break:

- Participants gather virtually for refreshments and share their cosmic experiences.

Winners Announcement:

- The team that successfully navigates through the cosmic challenges with the fastest time and the most accurate solutions wins.

Closing Remarks and Galactic Certificates:

- Express gratitude to participants and game masters.
- Distribute cosmic-themed digital certificates of participation to all teams.

This Cosmic Conundrum Edition adds a space-age twist to the escape room challenge, creating an immersive and otherworldly experience for participants.