

Rocketron Event Report

1. Introduction

The Rocketron event was organized to encourage creativity and engineering skills among participants through the design, construction, and launch of water rockets. Participants utilized everyday materials like plastic bottles to create rockets capable of achieving maximum distance and stable flight. The event provided a hands-on experience in aerodynamics, propulsion systems, and creative problem-solving.

2. Event Objective

- Foster innovation and practical engineering skills.
- Promote teamwork.
- Provide participants with real-world experience in designing and testing functional models.

3. Event Highlights

- Participation: Over 7 teams.
- Innovations: Unique rocket designs with creative use of fins, materials, and parachute mechanisms.
- Challenges: Teams overcame issues like balancing water-to-air ratio and ensuring effective parachute deployment.
- Top Performers: Highlight the winning teams and their achievements.

4. Conclusion

The Rocketron event successfully met its objectives, providing participants with a platform to apply theoretical knowledge in a practical setting. The event showcased exceptional creativity and engineering talent, reinforcing the importance of experiential learning in technical education.

