



**POORNIMA**  
**COLLEGE OF ENGINEERING**

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## **A REPORT ON**

### **MAKERS CARNIVAL(ROBO-SOCCER)**

- ◆ **NAME OF ACTIVITY:** Robo-Soccer
- ◆ **DATE & DURATION:** 30th December
- ◆ **TYPE OF ACTIVITY:** Club Participation Activity
- ◆ **ORGANIZED BY:** JECRC UNIVERSITY

#### **Learning Outcomes:**

- To provide a detailed account of the external participation of the Zircon Club from Poornima College Engineering in the Makers Carnival at JECRC UNIVERSITY.
- To highlight the club's performance and achievements in the robotics event, specifically securing the **First** and **Second** position in Robo Soccer.
- To showcase the club's preparation, teamwork, and technical expertise in designing and building bots for the competition.
- To emphasize the significance of participating in such events for the development of students' technical skills, knowledge, and experience.

#### **DETAILS OF ACTIVITY:**

##### **Introduction**

The Zircon Club of Poornima College stands as a distinguished robotics organization, garnering recognition for its notable contributions to diverse technical events. Renowned for its collaborative

  
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teamwork and profound technical acumen, the club's members undergo rigorous training in robotics and allied technical domains, rendering them proficient participants in a spectrum of technical competitions.

In a recent display of prowess, the Zircon Club actively engaged in the Makers Carnival, the esteemed tech fest hosted by JECRC University. Specifically entering the robotics event, wherein eleven teams, comprising three or four members each, vied for supremacy in the domain of Robo-Soccer. The club exhibited exceptional competence, securing both the First and Second positions in this highly competitive event—a laudable accomplishment that underscores the club's commitment to excellence in the realm of robotics.

### **Session Overview:**

The JECRC Makers Carnival, hosted at JECRC University, is a technological event catering to enthusiasts with an interest in wires and circuits. The carnival serves as a platform for individuals with a penchant for innovation, offering a range of events that encompass robotics competitions and coding marathons.

Participants, leveraging their ingenuity, partake in contests featuring puzzles and gadget construction, exploring the boundaries of physics. The event bridges the gap between science fiction and reality, fostering an environment where creativity knows no bounds.

If you happen to be in the vicinity of JECRC University during the Makers Carnival, consider attending to witness the technological marvels on display. The carnival invites individuals to engage in the world of innovation without restraint. Your exploration may lead to unexpected discoveries amidst the array of geekdom.

The Zircon Club of Poornima College fielded eleven teams of three or four members each, and each team had its unique robot. The robots were designed and built by the members themselves, and the designs varied from team to team.

The robots were tested extensively before the event, and the members were confident in their abilities.

The team members of each team were required to work in collaboration to achieve success. They had to work on different aspects of the robot and make sure that all parts were working correctly. The members had to program the robots, test them and make adjustments where necessary. They had to make sure that their robots were able to navigate through the maze without any human intervention.

### **Key Highlights:**

#### **Zircon Club Shines at Makers Carnival, Securing First and Second Place in Robo-Soccer**

The Zircon Club of Poornima College has once again demonstrated its technical prowess and teamwork, securing both the First and Second positions in the Robo-Soccer event at the JU Makers Carnival. This impressive achievement underscores the club's commitment to excellence and its dedication to fostering technical knowledge amongst its members.

#### **1) Learning and Growth through Competition**

Participating in events like JU Makers Carnival provides students with a valuable opportunity to showcase their acquired skills, collaborate with peers, and gain invaluable experience. The Robo-Soccer event, in particular, challenged students to design and build robots capable of navigating a competitive arena and scoring goals. The Zircon Club's robots met this challenge head-on, showcasing their exceptional design, programming, and control capabilities.

#### **2) A Legacy of Technical Excellence**

The Zircon Club has established itself as a leading force in robotics and other technical fields within Poornima College. The club's consistent track record of success in various technical events

is a testament to its members' passion, dedication, and collaborative spirit. This recent victory at JU Makers Carnival further reinforces the club's reputation for innovation and technical expertise.

### 3) Looking Ahead: A Bright Future for the Club

The Zircon Club's members are driven by their shared passion for robotics and their desire to continuously learn and improve their skills. By actively participating in events and competitions, the club fosters a culture of collaboration and innovation, preparing its members for future success in their chosen fields. As the club continues to grow and evolve, we can expect to see even greater achievements in the years to come.

## **Conclusion :**

The Zircon Club of Poornima College achieved outstanding results at the JECRC University robotics event, capturing both the first and second positions. This remarkable feat reflects the club's dedication and skill in the face of formidable competition. Their meticulously designed and constructed robots performed flawlessly, showcasing their strategic prowess.

The club members were elated with their performance, a testament to the culmination of their tireless efforts. They received resounding praise from judges and fellow participants, further bolstering their confidence. Filled with pride, the club members acknowledged that their rigorous training and preparation had yielded exceptional results.

## **Glimpses:**



  
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