

JULY Newsletter 2024

1-A Day of Joy and Innovation: The MRC Competition Kickoff

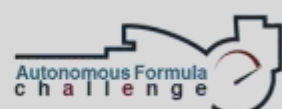
The recent MRC competition day was nothing short of spectacular, filled with joy, excitement, and a spirit of exploration. This remarkable event offered young students a unique opportunity to dive into the fascinating world of robotics through a series of engaging and challenging activities. From Sumo wrestling robots to soccer matches and precision archery to strategic shooting, the day was a celebration of innovation and creativity.

A Day of Diverse Robotics Challenges

The heart of the event was a series of robotics challenges designed to showcase the skills and ingenuity of young participants. Students, ranging from beginners to budding robotics enthusiasts, took part in a variety of competitions that tested their technical abilities and strategic thinking. One of the highlights was the Sumo wrestling robot's competition, where teams designed and built robots to push their opponents out of a ring. This challenge emphasized not only engineering skills but also tactical planning and teamwork. In addition to Sumo wrestling, students engaged in a soccer robots' tournament. Here, participants programmed their robots to dribble, pass, and score goals, simulating a real soccer match. This activity was not only a test of programming prowess but also a demonstration of how robotics can be used to replicate and innovate traditional sports. Another fascinating aspect of the day was the archery robots challenge, where students designed robots capable of accurately launching arrows at targets. This event required a deep understanding of mechanics and precision, as participants had to balance accuracy with strategic planning. The shooting robot's competition was equally exciting, with students creating robots that could aim and shoot at designated targets. This challenge combined elements of engineering with a touch of competitive spirit, as teams vied for the highest scores.

The Spirit of Participation and Community

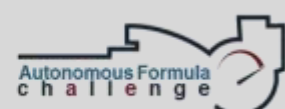
The event was attended by approximately 50 students and 30 parents, all of whom contributed to the lively and supportive atmosphere of the day. The enthusiasm was palpable, with participants and their families eagerly engaging with the various activities and cheering each other on. The sense of community was one of the most rewarding aspects of the day, as everyone came together to celebrate the achievements of the young robotics enthusiasts. Parents were not just spectators but active participants in the event, sharing in the excitement and taking pride in the accomplishments of their



children. Their presence and support were crucial in making the day a success, and their positive feedback highlighted the value of such events in fostering a love for science and technology among young minds.

Conclusion

In conclusion, the MRC competition day was a resounding success, characterized by its joyful atmosphere, diverse activities, and strong sense of community. The event provided a fantastic opportunity for young students to explore the world of robotics and engage in friendly competition. As we look ahead to the inaugural MRC competition in California this September, we carry forward the excitement and inspiration generated by this remarkable day. We eagerly anticipate seeing new talents emerge and witnessing the continued growth of the robotics community. Until then, we extend our heartfelt thanks to everyone who made the day special and look forward to welcoming you to the next chapter of the MRC competition.





2-The Conclusion of the GRC Middle East Competition: A Look Back and Ahead

The recent conclusion of the GRC Middle East competition, hosted by the British University in Egypt and sponsored by the Ministries of Scientific Research and Youth and Sports, as well as the Discovery Foundation, marks a significant milestone in the field of robotics and technology. This event brought together approximately 80 teams from various age groups, ranging from school students to university undergraduates, to compete in a series of challenging and inspiring robotics competitions.

A Celebratory Conclusion to a Successful Event

The GRC Middle East competition was a celebration of innovation, creativity, and collaboration. Held at the British University in Egypt, the event was an opportunity for young robotics enthusiasts to showcase their skills and engage in friendly competition. The diverse range of participants, from school children to university students, demonstrated the widespread appeal of robotics and the importance of fostering a passion for science and technology from an early age. Teams from different backgrounds and regions gathered to compete in various robotics challenges, each designed to test their technical abilities and problem-solving skills. The competition featured a variety of events that highlighted different aspects of

robotics, including design, programming, and strategic planning. Each team brought their unique ideas and solutions to the table, contributing to a dynamic and exciting environment.

The Path Forward: Representing the Middle East on the Global Stage

As the dust settles on this memorable event, the focus shifts to the future. The winners of the GRC Middle East competition will have the honor of representing their countries in the ORIC (Open Robotics International Championship) competition, which will be held in California this September. This upcoming global event promises to be a grand showcase of robotics talent from around the world, with approximately 100 teams from various countries set to compete. The ORIC competition represents a significant opportunity for the winning teams to take their skills to an international stage. It will be a platform for these young innovators to demonstrate their abilities on a global scale, engage with other



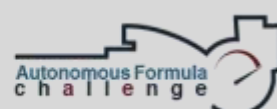
talented teams, and learn from the best in the field. The anticipation surrounding the ORIC event reflects the excitement and pride of the GRC Middle East participants as they prepare for this next challenge.

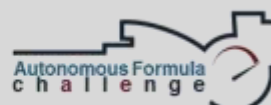
Looking Forward to a Promising Future

As we eagerly await the ORIC competition, there is a strong sense of optimism and expectation. The GRC Middle East competition has not only been a testament to the talents of the participants but also a celebration of the collaborative efforts of the sponsors and organizers. The support from the Ministries of Scientific Research and Youth and Sports, along with the involvement of the Discovery Foundation, has been instrumental in making the event a success. The success of the GRC Middle East competition highlights the importance of continued investment in STEM (Science, Technology, Engineering, and Mathematics) education and initiatives. By providing young students with opportunities to explore these fields, we are nurturing the next generation of innovators and problem-solvers. The GRC Middle East competition has served as a catalyst for this process, and the upcoming ORIC event represents a further step in this exciting journey.

Conclusion

In conclusion, the GRC Middle East competition has been a remarkable event that showcased the talent and enthusiasm of young robotics enthusiasts from across the region. As we reflect on the achievements of the participants and look forward to the ORIC competition in California, we are filled with hope and excitement for what the future holds. The competition has been a testament to the power of innovation, collaboration, and community support. We eagerly anticipate the opportunities and challenges that lie ahead on the global stage and extend our best wishes to the teams as they prepare for their next adventure.





3-Gino Tech Hosts a Free Workshop Introducing Students to the Fascinating World of Robotics

Recently, Gino Tech organized a delightful and educational free workshop aimed at introducing students to the exciting field of robotics. This engaging event provided a unique opportunity for students to explore the role of robotics in both school and university settings, and it was a wonderful example of how technology can inspire and educate the next generation of innovators.

A Day of Learning and Fun: An Overview of the Workshop

The workshop, hosted by Gino Tech, was designed to offer students a hands-on introduction to the world of robotics. Held at Gino Tech's state-of-the-art facilities, the event drew approximately 50 students, along with their parents, who were eager to learn about the latest advancements in robotics and how these technologies can enhance their educational experiences. The day began with a series of interactive sessions where students had the chance to learn about the fundamental concepts of robotics. Expert instructors from Gino Tech provided engaging presentations on how robots are used in various fields, from industrial applications to everyday life. The workshop covered essential topics such as robot design, programming basics, and the potential future developments in robotics.

Interactive Robotics Activities: Learning Through Play

One of the highlights of the workshop was the opportunity for students to interact with various robots and engage in fun, hands-on activities. The participants had the chance to play with different types of robots, including programmable robots that could be controlled and customized to perform specific tasks. These activities were not only educational but also designed to be enjoyable, encouraging students to explore the technology in a playful and informal setting.

The workshop included several interactive stations where students could experiment with robots that performed various functions, such as navigating mazes, solving problems, and even playing simple games. These activities allowed students to experience the excitement of robotics firsthand and to see the practical applications of the concepts they had learned.

A Community Atmosphere: Enjoying Pizza and Ice Cream

In addition to the educational aspects of the workshop, there was a strong emphasis on creating a welcoming and fun environment for everyone involved. The event featured a relaxed and enjoyable atmosphere, with pizza and ice cream provided for all attendees. This aspect of the workshop allowed students and their parents to mingle, discuss what they had learned, and enjoy a delicious meal together.





The opportunity to enjoy pizza and ice cream was a great way to create a sense of community and make the day's learning experience even more enjoyable. It also gave parents a chance to connect with one another, share their thoughts on the workshop, and discuss their children's interests in robotics and technology.

The Importance of Robotics Education: A Vision for the Future

The success of this workshop highlights the vital role that robotics education can play in inspiring young minds and preparing them for future challenges. By offering a free and accessible introduction to robotics, Gino Tech is helping to bridge the gap between students and the exciting opportunities available in the field of technology.

Robotics education not only fosters technical skills but also encourages creativity, problem-solving, and teamwork. Events like this workshop are essential for sparking interest in STEM (Science, Technology, Engineering, and Mathematics) subjects and for showing students how these subjects can be applied in real-world situations.

Looking Ahead: Future Opportunities for Students

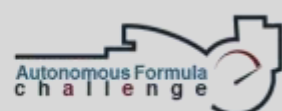
As the workshop came to a close, there was a palpable sense of excitement and enthusiasm among the participants. Many students left the event inspired by what they had learned and eager to explore more about the field of robotics. This workshop was just the beginning of a series of initiatives by Gino Tech aimed at promoting robotics education and providing students with opportunities to develop their skills.

Looking ahead, Gino Tech plans to continue offering workshops and events that engage students in the fascinating world of technology. These future events will build on the success of this workshop and offer even more opportunities for students to learn, explore, and grow.

Conclusion

In conclusion, the free robotics workshop hosted by Gino Tech was a resounding success, offering students an engaging introduction to the field of robotics and providing a platform for learning and fun. The event not only highlighted the importance of robotics education but also fostered a sense of community among students and their parents. With a combination of informative sessions, interactive activities, and enjoyable food, the workshop served as a wonderful example of how educational experiences can be both inspiring and enjoyable.

As we look forward to future events, there is great anticipation for the continued efforts of Gino



Tech to inspire and educate the next generation of technologists and engineers. The workshop was a testament to the potential of robotics to shape the future and a reminder of the joy that can be found in exploring new technologies.

