

Event Report: Mechatron Robotic Competition 2k23

Date: October 11-13, 2023

The Faculty of Engineering and Technology at Gurukul Kangri Deemed University, Haridwar, hosted the Mechatron Robotics Competition 2023 from October 11 to 13. The competition aimed to celebrate innovation and technical excellence in the field of robotics. It brought together 11 dynamic teams who showcased their remarkable robotic creations and navigational skills.

Opening Ceremony and Chief Guests:

The event commenced with an illustrious opening ceremony, graced by the presence of two distinguished chief guests, Advocate Sanjay Singh Thakur, former Minister of State, Government of Uttarakhand, and Neelima Ji, the respected Chairperson of the Mother Teresa Blood Bank. Their participation added prestige to the event and served as a significant source of inspiration for all attendees.

Advocate Sanjay Singh Thakur commended the participants and expressed his deep admiration for their talent and enthusiasm in the field of robotics. He emphasized that these young minds represent the future of innovation and technology, and their dedication is genuinely inspiring.

Neelima Ji shared her perspective, highlighting the importance of events like this in promoting the spirit of innovation and technological advancement. She expressed her delight in witnessing young individuals pushing the boundaries of technology.

Felicitation Ceremony and Dean's Appreciation:

During the felicitation ceremony, Dean Prof. Vipul Sharma expressed his admiration for the participants, acknowledging their significant contribution to the field of robotics. He stated, "The Mechatron Robotics Competition 2023 is a testament to the extraordinary talent and dedication of our students. Their innovative approach and technical excellence are truly commendable and showcase the bright future of technology and robotics."

The Competition:

The Mechatron Robotics Competition 2023 featured 11 teams, each of which demonstrated remarkable innovation and technical expertise. The teams presented robots that were carefully designed and programmed to navigate complex terrains and execute tasks with extraordinary precision. The competition was a testament to the exceptional capabilities and creativity of the participating teams.

On the final day of the competition, Six teams were selected for the highly anticipated robot war, where their creations battled for supremacy.

The Six teams are as follows:

1. Team Absolute Hack (Lead by- Vaibhav Sharma)
2. Team Megatron (Lead by-Yashwant Kumar)
3. Team SMT (Lead by-Rajeev Ranjan)
4. Team VIR (Lead by-Subrat Mandal)
5. Team Hell Fire (Lead by-Siddhant Yadav)
6. Team GM (Lead by-Karanveer singh Kanwar)

Out of These six best teams Team SMT came up with flying colors and was awarded first position whereas Team Hell fire was declared as the runner-up of the competition. The winning Team received a cash prize of 11000/- INR and runner up team received a cash prize of 4100/- INR

Team SMT Members

1. Rajeev Ranjan (Lead)

2. Sonu Kumar
3. Abhinav Kumar Gaurav.

Team Hell Fire Members

1. Siddhant Yadav (Lead)
2. Vishal
3. Vishwajeet
4. Bikram
5. Deepak

Words of Wisdom:

In his address, Chief Guest Prof. Somdev Shatanshu, Vice-Chancellor of Gurukul Kangri Deemed University, Haridwar, reflected on the historical use of robots in India, referring to them as 'yantra.' He encouraged students to pursue excellence in the field of robotics and acknowledged the importance of technological advancements.

Prof. Vipul Sharma announced the university's commitment to organizing an inter-university robotics event in the near future, promoting collaboration and innovation across academic institutions.

The entire event was impeccably coordinated by Mr. Anuj Kumar Sharma and Dr. Dharmendra Baliyan, who ensured its smooth execution. Several prominent faculty members, including Dr. Tanuj Garg, Dr. Suyash Bhardwaj, Dr. M.M. Tiwari, Dr. Mayank Agarwal, and Dr. Sunil Panwar, were present at the event, lending their expertise and support.

Conclusion:

The Mechatron Robotics Competition 2023 at Gurukul Kangri Deemed University was a resounding success, celebrating the ingenuity and technical prowess of the participating

teams. It underscored the importance of nurturing and promoting innovation and technological advancement. The event left a lasting impact, inspiring both participants and attendees to continue pushing the boundaries of technology and robotics.

COORDINATOR TEAM

1. Abhinav Patel (Event Coordinator)

2. Ashish Madhup (Co-Lead)

Volunteers

1. Priyam Gupta

2. Harsh Chaurasiya

3. Rishabh Chaurasiya

4. Praveen Gupta

5. Prabhakar Jha

6. Vishwajeet Kharat

7. Satyam Shukla

8. Sahil Shukla

9. Sagar

10. Saksham Shukla

Glimpse of event :





