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## **The IPN boosts Durango in robotics and advanced technologies**

- **Foreign Secretary Marcelo Ebrard; IPN General Director Arturo Reyes and Governor Esteban Villegas inaugurate the Robotics and Advanced Technologies Tournament.**
- **IPN and Durango government sign agreement to broaden their participation in topics such as water and agave**

The Secretary of Foreign Affairs, Marcelo Ebrard Casaubón; the General Director of the Instituto Politécnico Nacional (IPN), Arturo Reyes Sandoval, and the Governor of Durango, Esteban Villegas Villarreal, inaugurated the Robotics and Advanced Technologies Tournament (Tryta), a competition organized by Polytechnic students in which young people from various educational institutions in the country demonstrate their skills in these disciplines.

At the " Bicentenario" Cultural Center, located in this municipality, the Chancellor emphasized that the Mexican Government is doing its best to prepare young people for the challenges of the future, where there will be many robots and artificial intelligence will be part of their lives.

He emphasized the fact that the state of Durango is participating in the development that is being forged today, and that will determine how its young people will live in the future. "Today we are planting a seed that will grow because you will determine it, but we have to act now."

He highlighted the leadership and initiative of the General Director of the IPN for bringing this event to Durango and incorporating it into the development of advanced technologies. "He was part of one of the most advanced teams in the world in vaccine research, and that is why President Andrés Manuel López Obrador invited him to be the head of the Politécnico. Now he is traveling around the country trying to encourage others to do the same as he did."

In addition, Reyes Sandoval said that in 87 years of being the leading institution for scientific and technical education in Mexico, the IPN has promoted a modernizing process with a view to the country's technological independence.

He indicated that one activity that materializes the objectives of the education at IPN is the Robotics and Advanced Technologies Tournament, where students put to the test all the knowledge they acquire every day in the classroom.





"Mexico has participated in the last 20 years in international robotics competitions, managing to position itself in the first places. Our house of studies has always performed remarkably and has positioned itself as a power already established at the international level in the development of this team of competition robots."

He said that this tournament, originally organized by the Unidad Profesional Interdisciplinaria en Ingeniería y Tecnologías Avanzadas (UPIITA) of the Politécnico, aims to encourage students' interest in advanced technologies, contribute to scientific and technological development, and, above all, innovate and have a social impact in our country. Through these competitions, which are always won by our students, the IPN aims to position itself as an international reference.

Reyes Sandoval expressed his satisfaction that Durango is hosting this event of international stature, which allows students of all educational levels to spread their wings and move towards future applications for solving problems in our society and industry.

He commented that throughout the editions of Tryta, there have been 1,000 participating robots and 4,000 competitors in 13 competition modalities.

While highlighting the progress made in water and electricity supply in his state, Governor Villegas Villarreal emphasized that Durango is exporting talented young people to other states, and therefore, it needs companies to open up spaces with well-paying jobs.

Villegas Villarreal expressed his gratitude to Chancellor Marcelo Ebrard for promoting projects that will generate large investments and acknowledged the Politécnico for working for young people and bringing this event to his state."

During the ceremony, Reyes Sandoval and Esteban Villegas signed a general collaboration agreement whereby the IPN, through the Centro de Vinculación y Desarrollo Regional (CVDR) and the Centro Interdisciplinario de Investigación para el Desarrollo Integral Regional (Ciidir), both located in this entity, will expand collaboration in water studies and analysis, as well as in the certification of the agave appellation of origin, among other topics.

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