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IPN inaugurates the UPIITA Laboratory building equipped with the latest technology

With an investment of 173.3 million pesos, en Instituto Politécnico Nacional (IPN) inaugurated the Building for Classrooms and Heavy Laboratories of the Unidad Profesional Interdisciplinaria en Ingeniería y Tecnologías Avanzadas IPN (UPIITA), benefiting 3,544 engineering students in Mechatronics, Bionics, Telematics, Automotive Systems, and Energy, in addition to the masters and doctorate in Advanced Technology.

When inaugurating the new complex, the general director of the IPN, Arturo Reyes Sandoval, reported that the Government of Mexico, through the IPN, invested 91.5 million pesos in the new UPIITA building for the physical structure and 81.8 million for technological equipment. state-of-the-art, while underlining that this degree of investment represents an institutional effort to put the academic units of this house of studies at the level of the best in the world.

He highlighted that the building has a total area of 2,942 square meters and is made up of classrooms and 10 laboratories in the areas of manufacturing, metrology, robotics, terminal work, mechatronics, and biomechanics, as well as computer rooms and 3D printing.

Reyes Sandoval explained that Mitsubishi Electric donated seven high-end equipment kits focused on the automation process of production lines, and Ford Mexico, two industrial robots for automation.

On behalf of the polytechnic community, he thanked the companies for the donations that will contribute to strengthening the quality, excellence, and competitiveness of the students. "This indicates to us that we are linking very well with the industry," he pointed out.

He highlighted that UPIITA is one of the academic units that has positioned itself at the forefront in the training of highly qualified professionals to execute interdisciplinary projects in advanced technologies, which allows companies to seek to recruit students from the last semesters, for the excellence in their training and the relevance of educational programs.

He ratified the commitment of the IPN to identify and attend to the physical spaces and equipment that the dependencies and academic units have, to cover construction, remodeling, equipment, and maintenance needs in the short, medium, and long term. "Having the right infrastructure affects the quality of teaching and research," he concluded.

The director of UPIITA, Ramón Herrera Ávila, commented that with this new Building for Classrooms and Heavy Laboratories, high-impact research and development pole will be consolidated in the areas of advanced technologies and will allow joining efforts for the internationalization of the IPN.

The general director and public servers of the IPN, the UPIITA community, and directors of Mitsubishi Electric and Ford Mexico, toured the facilities of the new building, where they appreciated two robotic arms donated by Ford Mexico and a mechanical arm for precision welding. provided by Mitsubishi Electric. He also put into operation a Five-Axis CNC Milling Machine, manufactured in Germany, with which high-precision parts can be manufactured that can be used in various industrial processes and the manufacturing of Space Satellites.

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