

3 key factors that have made the Tec de Monterrey a world-class act



The **Tec de Monterrey** has continued to solidify its international rank, which has shown significant improvement.

In the **QS World University Rankings 2020**, **Tec de Monterrey** climbed **20 places** as compared with the previous year, and is recognized as the **number 1 private university in Mexico** and **number 158 in the world**.

Moreover, in its new **Latin American** ranking, **Times Higher Education (THE)** has once again placed the Tec, for the third year running, as the **best university in Mexico and the fifth best in the region**.

CONECTA presents four key aspects that have led to the Tec's success in these rankings:

1. RESEARCH, SCIENTIFIC PUBLICATIONS AND COLLABORATIONS

Among the criteria under consideration, both rankings include scientific contributions made by universities that encourage social development.

For a decade, the **Tec de Monterrey** has placed great importance on research as an integral part of its vision of institutional improvement. The results of this include:

- An increase in the number of research professors. The Tec currently has **570 research professors** registered in the **National Research System (SNI for its initials in Spanish)** in Mexico, **124% more than 10 years ago**. SNI membership ensures the quality and innovative nature of research.
- There are currently **7,000 students**, at graduate and postgraduate levels, **doing research**.
- The **research professor** model has been created where staff members dedicate half of their time to research.
- These strategies have brought about an **increase in the number of scientific publications** and, consequently, in the **number of citations**.
- **Collaborations and partnerships have been set up with other top universities in the world**, which encourages joint projects. One example of this is the partnerships the Tec enjoys with **MIT**, number 1 in the world according to the QS University Rankings, in the area of **nanoscience and nanotechnology**.

"These results are evidence that the **Tec de Monterrey** is **evolving**, that it is a **leading university** not just in education, but also in **research**," Arturo Molina, Vice-Rector of Technology Transfer and Research at the Tec, told CONECTA.

2. ACADEMIC REPUTATION

In the **QS ranking**, **academic reputation** is measured using a global survey of academics, in which they are asked to identify the higher education institutions that do an outstanding job.

- Here, the Tec improved 20 places from 246th to 226th in the world.
- The **TEC21 Educational Model**, which consists of **structurally-flexible, challenge-based learning** that **combines academic experience with a memorable university experience** has managed to attract the attention of other top universities.
- The Tec has also set in motion an academic positioning strategy according to study areas. Some of these results were spotlighted in the **QS World University Rankings by Subject 2019**.

"We have had the opportunity to participate in **meetings organized by the WUN (Worldwide University Network), APRU (Association of Pacific Rim Universities) and Universitas 21**, which represent **60 or 70 universities that are specifically familiar with the TEC21 Model**. This has earned us our ranking," noted Neil Hernández, Tec Research Director.

3. EMPLOYER REPUTATION

Another aspect measured by the QS ranking is the **opinion of employers** in the world; in other words, the universities that **produce the finest graduates** for the labor market are identified.

- **The Tec** works constantly to improve its record of successful **graduate placement in companies** through different **incubation centers** and the **job center**.
- Tec departments like **EXATEC, the Life and Career Center, Talent and Culture, and Communications** collaborated on **projects aimed at attracting employers**.

"The world regions we wanted to impact were identified, **we drew up a positioning strategy in digital media like LinkedIn and designed a website** containing information for employers,"

explained **Nathalíe Galeano, Tec Ranking Intelligence Director.**

*"We reach **over half a million people in countries like the United States, Canada, Germany, France, and Spain.** We emphasize to employers that our graduates are committed to innovation, development, excellence and that they possess human values,"* added **Aída Madrigal, the Tec's Employer Branding leader.**

According to the Tec's Research Director, the fact that Mexico's **universities** are ranked among the **best in the world** has a positive impact.

*"Socially speaking, **we are generating extremely high-quality graduates,** which makes the social movement of students and alumni possible; economically speaking, it enables us to attract companies only interested in top universities,"* concluded Hernández.

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