

# Professor presents Tec's educational model in the Netherlands



**Jorge Membrillo Hernández**, a research professor at the Mexico City campus School of Engineering and Sciences who is also part of the Institute for the Future of Education, was the **main speaker** presenting the **Tec 21 Model** at [Eindhoven University of Technology](#) in the Netherlands.

This seminar was attended by **more than 200 professors** from the areas of engineering, business, and social sciences who want to implement challenge-based educational models similar to that used by the Tec.

The main topics discussed were **how teachers adapt to a new education model**, the new skills students develop, and assessment strategies.

*“[Tec de Monterrey](#) is a world leader in educational innovation and challenge-based learning publications, with around 100 contributions in the [SCOPUS](#) database,”* said Membrillo.

Modelo educativo Tec 21, Jorge Membrillo Eindhoven. width="900" loading="lazy">

## Constant evolution

What has caught the attention of universities such as Eindhoven in the Netherlands, the Hamburg University of Technology in Germany, and Dublin in Ireland is that the Tec's **educational innovation** has been in constant evolution.

*"The learning model where the teacher is in control, even of responses, is fine. But now, **the challenge** is to design something with your colleagues that tests you as a professor too.*

*"We're good at Tec but we always want to be better, which is why we have spent more than six years seeking to **develop our Tec 21 Model**", he concluded.*

Jorge Membrillo Tec CCM, modelo Tec 21 width="900" loading="lazy">

## Use of education as a social tool

This model provides opportunities for students to see problems from more than one perspective, to find **interdisciplinary solutions to challenges**, and to participate in experiential learning.

*"Education and society go hand-in-hand: many **advances in education** determine **societal change**.*

*"The human resources being developed will be highly competitive and, most importantly, will create **a more conscious society**," says the professor.*

*"I want to prepare students who may not have every piece of information but **do know where to find it.**" - Jorge Membrillo*

## Educational change caused by the pandemic

The pandemic accelerated the process of change in some areas of education. According to the professor, the **competencies** required by companies today need **digital skills**.

*"**Experiential learning** allows students to develop skills that will make them stand out at work," he concluded.*

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