



Dr. Rene Sanjuan Galindo



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Semblanza

He holds a PhD in Engineering from the National Autonomous University of Mexico, with recognition in the National System of Researchers of SECIHTI and with a PRODEP profile. He collaborates with the CA-PRODEP Modeling, Simulation, and Control of Systems. His scientific production is linked to the development and application of water treatment systems through photocatalysis and hydrodynamics in pilot reactors. He has also experimentally contributed in the field of bioengineering for the production of biological control agents. His research has been funded by SECIHTI (formerly CONACYT), TecNM, and PRODEP, and has collaborated with various universities on research projects, teaching, or as a committee member.

He has also been an evaluator of educational programs at the national level and has participated in the review of technological and scientific proposals with various publishers and councils. His experimental work was recognized by the Mexican Society of Biotechnology and Bioengineering and by the North American Mixing Forum. His scientific contributions have received over 100 citations, and he has supervised 10 master's thesis projects. Some of the subjects he has taught include Climate Change, Supply Chains, Fluid Mechanics, and Air Pollution.



TECNOL

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Proyectos en desarrollo

- Development of a system for measuring atmospheric methane.
- Emerging trends in Logistics and Supply Chains Driven by Nearshoring Transformations.
- Effects of hydrodynamic conditions on the production of fungal metabolites grown on low-cost substrates.

Infraestructura

- Laboratory for microbiology, bioengineering, and fluid dynamics

LGAC

- Environmental Engineering and Renewable Energies
- Optimization of Products and Processes