

Dr. Rahmat Sotudeh-Gharebagh

Education

- PhD in Chemical Engineering – Polytechnique Montréal, Canada
- MSc in Chemical Engineering – Polytechnique Montréal, Canada
- Advanced Program in Reservoir Engineering –UNDP & Abadan Institute of Technology
- BSc in Chemical Engineering – Sharif University of Technology, Iran
- Proficiency in English and French
- Taught more than 15 undergraduate and graduate courses at the University of Tehran and Qatar University

Academic and Research Background

- Faculty member at the University of Tehran since 1999
- Visiting Professor at Polytechnique Montréal and Qatar University
- Founder of the Process Design and Simulation Center and the Artificial Intelligence Laboratory for Process Industries
- Founder of the Pharmaceutical Engineering Program in Iran
- Founder and Editor-in-Chief of the international journal Chemical Product and Process Modeling (De Gruyter, Germany)
- Author of over 220 peer-reviewed scientific papers, one Persian book published by the University of Tehran Press, and four internationally published books
- Delivered more than 300 industrial workshops in process simulation, Aspen, HYSYS, digital twins, and applications of AI in process industries
- Supervised 96 graduate students (MSc, PhD, and postdoctoral) and numerous undergraduate projects

Selected Professional Experience

- Dean, College of Engineering, University of Tehran
- Senior Advisor, COMSATS Technical Advisory Committee
- Director, Standard Research Institute – Iranian National Standards Organization
- Acting VP - Research and Director-General for Applied Research, University of Tehran
- Certified Expert Witness (Official Judiciary Expert) in Oil Industry Engineering
- R&D Manager at Glucosan Company and Consultant to IRALCO
- Industrial Project Manager for DuPont at Polytechnique Montréal

Memberships

- Associate Member, Academy of Sciences of the Islamic Republic of Iran
- Member, Promotion Committee of the Iranian Research Organization for Science and Technology (IROST)
- Chair of the Board, Institute for Engineering Education Accreditation of Iran
- Founding Member and Board Member, “Bonyad”
- Member and Chair of the Industry Commission, Promotion Committee of the University of Applied Science and Technology
- Board Member, Iranian Society of Chemical Engineers
- Member, Applied Research Council of Universities in Tehran Province
- Member, Iranian Association for Artificial Intelligence

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Summary

Dr. Rahmat Sotudeh-Gharebagh is a Full Professor of Chemical Engineering at the University of Tehran and a leading researcher in process modeling, multiphase flows, CFD-DEM, and the application of artificial intelligence in process industries. His academic contributions include establishing specialized research centers, creating the Pharmaceutical Engineering discipline in Iran, publishing influential scientific works, and serving on editorial boards of international journals. He has held major leadership roles at the University of Tehran and the Iranian National Standards Organization and also serves as a certified expert witness in oil industry engineering.