

**Mahdi Ghaemi Nia, PhD.**E-mail: m.ghaeminia@ut.ac.ir

More than a decade of engaging in various innovation-driven research, plans, and practices provides reliable support for my professional passion for immersing myself in the arena of innovation, and the emerging trends of technology and technological strategies internationally. Specific essential knowledge and abilities can be highlighted concerning my expertise: Experienced in underpinning concrete paths to explore targeted multi-aspect demands, passionate about strategic thinking, skillful in planning creative and cooperative solutions, and capable of setting and managing inspired, innovative teamwork.

Fields of Expertise

- Fostering Innovative Engineers
- Innovation and digital transformation
- Disruptive innovation
- Innovation and scaling up
- Innovation and the new strategic approaches (Blue Ocean & Lean)
- Futures thinking in innovation
- Innovation ecosystems & economy

Education

2020 – 2022	Postdoc in Innovation & Futures Studies, Sharif University of Technology, Iran
2016 – 2018	Postdoc in Innovation & Futures Studies, Delft University of Technology, the Netherlands • Investigated and analysed 15 international, Dutch companies regarding innovation-related approaches
2011 – 2016	PhD in Technology & Futures Studies, Delft University of Technology, the Netherlands
2006 – 2009	MBA, Sharif University of Technology, Iran

Work Experience

2023– present	Assistant Professor at Tehran University
2021 – 2023	Innovation Consultant, MCI, Iran
2022 – 2023	Teacher at Tacapu Business school • Topic: Digital Transformation
2021 – present	Visiting teacher at Sharif University of Technology, Iran • Topic: Innovation (eco)systems related subjects
2022 – 2022	Innovation and Digital Transformation Consultant, Golrang, Iran
2020 – 2022	Innovation Consultant, Irancell, Iran
2019 – 2020	Innovation Consultant, Certus Port Automation, the Netherlands • Designed and led the Abu Dhabi automated port (ADT) project in the UAE • Designed and led the LCT automated port in Mexico • Co-designed different automated port projects in the Netherlands, the USA, the UK, Germany, Turkey, and Sweden
2016 – 2018	Strategic Planning Consultant, Yes!Delft Accelerator, the Netherlands
2009 – 2011	Co-founder and Strategic Manager, <i>Animaykadeh</i> , Iran.
2008 – 2009	Consultant in the Management Sector at the <i>Ministry of Industries and Mines</i> , Iran.
2006 – 2009	Taught GMAT courses at various universities in Iran.
2006 – 2008	Project Manager, <i>Omran Sanat Shahin</i> , Iran.

Publications

- Nia, M.G. (2025). Diagnosis of Iran's innovation ecosystems. (in press)
- Ghaemi Nia, M.M., Asadian, S. & Amirifard, S. (2025). Artificial Intelligence in the Context of Digital Transformation: A Diagnostic Reappraisal of Concepts and Applications. *Public Administration Perspective*, doi: 10.48308/jpap.2025.240557.1487.
- Nia, M.G., & de Vries, M.J. (2017). Technology development as a normative practice; damming as a case study. *Science and Engineering Ethics*, doi: 10.1007/s11948-017-9999-7 (Q1)
- Nia, M.G., & de Vries, M.J. (2016). Models as artefacts of a dual nature: a philosophical contribution to teaching about models designed and used in engineering. *International Journal of Technology and Design Education*, doi: 10.1007/s10798-016-9364-1 (Q1)
- Nia, M.G., & de Vries, M.J. (2016). 'Standards' on the Bench: Do Standards for Technological Literacy Render an Adequate Image of Technology? *Journal of Technology and Science Education, (JOTSE)*, 6(1), 5-18.
- Nia, M.G., & de Vries, M.J. (2016). The New Zealand Curriculum's approach to technological literacy through the lens of the philosophy of technology. *Australasian Journal of Technology Education*, doi: <http://dx.doi.org/10.15663/ajte.v3i1.38> (Q2)

- Harandi, M.F., Nia, M.G., & de Vries, M.J. (2014). Water Management: Sacrificing Normative Practice Subverting the Traditions of Water Apportionment — ‘Whose Justice? Which Rationality?’ *Science and Engineering Ethics*, doi: 10.1007/s11948-014-9593-1. (Q1)

Additional Qualifications

- *Industry 4.0: How to Revolutionize your Business*, The Hong Kong Polytechnic University
- *Leading Digital Transformation*, Silicon Valley Innovation Center, California
- *Futures Thinking Specialization*, Institute for the Future, Palo Alto, California
- *University Teaching*, The University of Hong Kong
- *Learning How to Learn*, University of California
- *Communication in the 21st Century Workplace*, University of California
- *Blockchain: Understanding Its Uses and Implications*, The Linux Foundation
- *Game Theory*, Stanford University (with distinction)
- *Managing the Companies of the Future*, University of London (with distinction)
- *Project Certificate in Project Management*, APMG International
- *Tackling the Challenges of Big Data*, Massachusetts Institute of Technology (MIT)
- *Gamification*, University of Pennsylvania

Computer Skills

- Microsoft Project; C++; Assembly Programming; MS Office; SQL; Power BI; HTML

Languages

- *Persian (Farsi)*: mother tongue;
- *Turkish (Azeri)*: fluent in speaking and writing;
- *English*: fluent in speaking and writing;
- *Dutch*: basic working knowledge

Interests

Sports: *swimming, chess, hiking, table tennis*;

Travel

Music

Movies