



Curriculum Vitae (CV)

Personal Data

First name: Marym **Surname:** Tahmasebpour
Date of Birth: 14-03-1982
Nationality: Iranian
Sex: Female
Marital Status: Married, one children

Tel: 0098-4133392507, **Mobile No:** 098 9127306569, **Fax:** +98 41 33338497
E-mail: m.tahmasebpour@gmail.com, tahmasebpour@tabrizu.ac.ir

Positions:

Aug 2020 – present | Associate Professor at University of Tabriz, Iran
June 2014 – Aug 2020 | Assistant Professor at University of Tabriz, Iran

Publications:

H-index: 23

Papers: More than 60 articles

Orcid: <http://orcid.org/0000-0001-6000-2233>

Google scholar:

https://scholar.google.com/citations?hl=en&user=f_wGCK4AAAAJ

Educational Background:

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
B.Sc.	Chemical Engineering	Mohaghegh Ardebili, Ardebil, Iran	2001-2005
M.Sc.	Chemical Engineering	Sahand University of Technology (SUT), Tabriz, Iran.	2005-2008
Ph.D. student	Chemical Engineering	University of Tehran (UT), Tehran, Iran.	2008 – 2012

M.Sc. Thesis Subject

Study of the key parameters effects on metal oxide ceramic nanopowders properties produced by the polyacrylamide gel method

Supervisor: Dr. A.A. Babaluo

Ph.D. Thesis Subject

Study of the scaling in gas-solid fluidized beds by chaos theory

Supervisors: Dr. R. Zarghami, Dr. R. Sotudeh-Gharebagh,

Research Interests:

- CO₂ capture and CO₂ adsorbents
- Synthesis of nano-adsorbents and catalysts
- Gas-solid fluidization technology
- Water Treatment

Language Skills: **English:** Fluent **Persian:** Native **Turkish:** Native

Honors and Awards:

- Acknowledged as the best researcher of the faculty of chemical & petroleum engineering in the university of Tabriz, 2024.
- Acknowledged as the best female researcher of the year in the university of Tabriz, 2022.
- Acknowledged as the best teacher of the faculty of chemical & petroleum engineering in the university of Tabriz, 2020.
- Head of the department of chemical & petroleum engineering in the university of Tabriz, (Sep 2019-Sep 2021)
- Acknowledged as a member of exceptional talent students, Iran (2009)
- Ranked 2nd during PhD studies, UT, Tabriz, Iran (2012)
- Ranked 2nd during MSc studies, SUT, Tabriz, Iran (2008)

Contribution in scientific events:

1. Invited lecturer at 17th International Conference on Catalysis and Chemical Engineering (ICCCE), July 24-26, 2023, Madrid, Spain.
2. Invited lecturer at 8th international Congress on Nano Science & Technology: Basic and Applications (ICNBA 2018), July 28-29, 2018, Moscow, Russia.
3. Speaker at ECI conference, Fluidization XIV from fundamentals to products, 2013, Netherlands.
4. Speaker at 4th International symposium on recurrence plots, 5-7 December 2011, The Hong Kong Polytechnic University, China
- 5.

Sabbatical:

Feb 2012 – Aug 2012 | Guest Researcher, TUDelft, Delft, Netherlands

Jun 2023– Aug 2023 | Guest Researcher, INCAR-CSIC, Oviedo, Spain

Books and Book Chapter:

- I) M. Tahmasebpour, H. Nami, “Application of Mathematics in Chemical Engineering (in Persian Language)”, Modarresane Sharif Publisher, ISBN: 9789641871026, 2011.

- II) Hasan Abedpour, Jafarsadegh Moghaddas, M. Tahmasebpour, "Translucent Silica Aerogel, properties, preparation and applications", (Translation to Farsi), ISBN: 9786227711714, 2024.

Research Projects, Grants, and Contracts with industry:

- Towards the design of efficient CO₂ adsorbents by coupling the adsorption and fluidization performance, I-COOP 2021 program supported by “Instituto de Ciencia y Tecnología del Carbono, INCAR-CSIC. Oviedo, Spain”, Ref. COOPA20492, Grant: 23.900 euros, Duration: January 2022 – December 2023.
- Investigation and comparison of the performance of natural and synthesized sorbents in the calcium looping process with emphasis on sorbent CO₂ capture capacity, stability and fluidization behavior, supported by Iran National Science Foundation (INSF), Ref. 99866910, Duration: May 2020 – Aug 2022.
- Evaluation the performance of calcium carbonate adsorbent prepared from eggshell waste in carbon dioxide removal in the calcium looping process, TabrizU-300 program supported by University of Tabriz, International and Academic Cooperation Directorate.
- Evaluation the performance of calcium carbonate adsorbent prepared from eggshell waste in carbon dioxide removal in the calcium looping process, TabrizU-300 program supported by Vice Chancellorship for Research and Technology, University of Tabriz, Ref., Duration: Feb 2021 – Aug 2022.

Graduated Ph. D. students: 2 students

1. Dr. Mehri Imani
2. Dr. Masoumeh Lotfinezhad

Ph. D. candidate students: 8 students

Graduated M. Sc. students: 25 students