



Education

- **École Polytechnique of Montréal, Montréal, QC, Canada** (---)
Ph.D. Degree, Department of Chemical Engineering
Thesis: “De-agglomeration and stabilization of metal oxide nanoparticles”

- **Amirkabir University of Technology, Tehran, Iran** (2008)
M.Sc. Degree, Department of Chemical Engineering
Thesis: “Analysis and Modeling of Chemical Vapor Deposition Technique for Catalyst Preparation”

- **Amirkabir University of Technology, Mahshahr Campus, Iran** (2006)
B.Sc. Degree, Department of Chemical Engineering
Thesis: “Using of Molecular sieves for Gas Sweetening Units”

Research Interests

- Chemical Vapor Deposition (CVD) Process
- Nanopowders
- Aerosol Science
- Polymer Coating
- Mathematical and Computer Based Modeling

Work Experience

- **Petrochemical Research and Technology Company** (NPC-RT), Vardavard, Tehran, Iran Researcher 2012-2014

- **NIXXAMED Company** Chemical Engineer 2011-2012
Tehran, Tehran, Iran

- **Shimi Sanaat Gostar Amirkabir Company** Project Manager 2009-2010
Tehran and Mahshahr, Iran

- **IBACO Company** Chemical Engineer 2006-2007
Tehran, Iran

- **Bandar Imam Petrochemical Company (BIPC)** Trainee 2002-2006
Khouzestan, Iran

Research Background

- Modeling and design of a thermal decomposition reactor
- Synthesis RO and NF flat sheet membranes for wastewater treatment
- Developing a continuous product line for producing RO spiral modules (pilot scale)

- Mathematical modeling of extraction process of porous solid substrates using high pressurized liquids
- Calculating transfer and storage of petroleum products in storage facilities

Teaching Experience

Journal Publications

- Nasri Lari, H.; Nikazar, M., “The influence of surface kinetics in modeling chemical vapor deposition process: a general kinetic” (submitted)

Conference Publications

- Vatanpour, V.; Safarpour, M.; Zarrabi, H.; Nasri Lari, H.; “The effect of acylation catalyst and surfactant additives on the performance of reverse osmosis membranes prepared by interfacial polymerization”; 11th International Seminar on Polymer Science and Technology (ISPST); Tehran, Iran; Oct. 6-9, 2014