

CURRICULUM VITAE



PERSONAL INFORMATION

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| Full name | Mahjabin Najmi Noori |
| Place & date of birth | Sirjan/Iran & Sep. 18, 1989 |
| Nationality | Iranian |
| Marital status | Single |

CONTACT INFORMATION

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| Position & Address | Lecturer at Department of Chemical Engineering, Sirjan University of Technology, Sirjan, Iran. |
| Telephone Number | +98-34-42336901 |
| Mobile number | +98-913-1785616 |
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RESEARCH INTERESTS:

- Electrochemistry
- Electrodeposition
- Copper electrowinning
- Magnetoelectrolysis
- Surface morphology of cathodic copper deposits
- Fluid Mechanics
- Computational Fluid Dynamics
- Simulation by Ansys Software

EDUCATION INFORMATION:

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| Ph. D. student (2014- until now) | Ph. D. student in Chemical Engineering, “Shahid Bahonar University of Kerman”, Kerman, Iran. GPA: 18.85/20. Thesis Title: “The experimental and numerical study of the effect of magnetic field on electrowinning cell performance in Sarcheshmeh copper complex” Supervisor: <u>Prof. A. Mohebbi.</u> |
| M.Sc. degree (2011-2013) | M.Sc. in Chemical Engineering, Shahid Bahonar University of Kerman”, Kerman, Iran. GPA: 19.21/20, <u>Ranked first among all Masters students of Chemical Engineering Department in 2013.</u> Thesis Title: “CFD simulation of the electrolyte flow in the copper electrowinning cell of sarcheshmeh copper complex” Supervisor: <u>Prof. A. Mohebbi</u> |
| B.Sc. degree (2007-2011) | B.Sc. in Chemical Engineering, Shahid Bahonar University of Kerman”, Kerman, Iran. GPA: 16.62/20. Thesis Title: “Study of air pollutants removal using nanoparticles” Supervisor: <u>Prof. H. Hashemi Poor Rafsanjani</u> |

SUMMARY OF ACADEMIC EXPERIENCE

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| 2014- Until now | Lecturer (Part time) in Sirjan University of Technology, Sirjan, Iran, Teaching in Department of Chemical Engineering with the following courses: <ul style="list-style-type: none">- Fluid Mechanics- Heat Transfer- Nano Technology- Technical English Language- Computer application in Chemical Engineering |
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COMPUTER PROGRAMMING SKILLS:

MATLAB, ANSYS, Hysys, C++ program, Office.

INDUSTRIAL EXPERIENCES:

Hydrometallurgy laboratory of Sarcheshmeh Copper Complex.

• **PUBLICATIONS:**

✓ **JOURNAL PAPER:**

- **Najminoori, M.**, Mohebbi, A., Ghadami arabi, B., Daneshpajouh, Sh., 2015. CFD simulation of an industrial copper electrowinning cell. **Hydrometallurgy** 153, 88–97.

✓ **CONFERENCE PAPERS:**

1. **M. Najmi Noori**, A. Mohebbi, A. Soltani, “ CFD Simulation of the Electrolyte Flow in the Copper Electrowinning cell,” the First Conference on Process Engineering in Oil, Gas and Energy, Tehran– Iran, May. 2013. (In Persian)
2. **M. Najmi Noori** , A. Mohebbi , A. Soltani , H. Hemmatia , B. Ghadami Arabi, “CFD Modeling of the electrolyte Flow in the Copper Electrowinning cell of Sarcheshmeh Copper Complex,”, 8th International Chemical Engineering Congress & Exhibition (IChEC 2014), Kish, Iran, 24-27 February, 2014. (In English)
3. A. Mohebbi, S. Bazyar, R. Sadeghi, **M. Najmi Noori**, H. Hemmati, “Application of CFD in mining-chemical industries: case studies on copper extraction industry,” 5th National Conference on CFD Applications in Chemical and Petroleum Industrie, Tehran– Iran, May. 2014. (In Persian)
4. **M. Najmi Noori**, A. Mohebbi, B. Ghadami Arabi, “ Analysis of the concentration boundary layer in the copper electrowinning cell of Sarcheshmeh Copper Complex using computational fluid dynamics,” 7th National Conference on CFD Applications in Chemical and Petroleum Industrie, Kerman– Iran, May. 2016. (In Persian)
5. B. Ghadami Arabi, A. mohebbi, **M. Najmi Noori**, “ Study of iron ion effect on the performance of the copper electrowinning cell of Sarcheshmeh Copper Complex using computational fluid dynamics,” 7th National Conference on CFD Applications in Chemical and Petroleum Industrie, Kerman– Iran, May. 2016. (In Persian)