

Curriculum Vitae: Mehdi Bahmani Oskooee

Personal Information:

Name: *Mehdi Bahmani Oskooee*
Birth: *23 July 1982, Tabriz, Iran*
Nationality: *Iranian*
Marital Status: *Married, One daughter*



Contact Information:

Address: *Department of Mining and Materials Engineering, Urmia University of Technology, Band Road, Urmia, Iran.*
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Education:

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| September 2012–2017 | Ph.D., Materials Engineering Department, Sahand University of Technology, Tabriz, Iran.
Ph.D. Thesis Title: "Copper precipitation effect on the microstructure, mechanical and antibacterial properties of AISI 410s stainless steel", September 2017 with the Grade of 19.5/20.
Supervisors: Dr. S. Hossein Nedjad & Dr. A.Samadi. |
| February – July 2016 | Visitor researcher at Vienna University of Technology, (TU Wien), Institute of Materials Science and Technology.
Supervisor: Professor Ernst Kozeschnik. |
| September 2005-2008 | M. Sc., Material Science and Engineering Department, Ceramic Division, Sharif University of Technology, Tehran, Iran.
M.Sc. Thesis Title: "The Effect of Antibacterial Component in Ceramic Glazes", February 2008 with the Grade of 19.1/20.
Supervisors: Dr. Z. A. Nemati and Dr. M. R. Fazeli. |
| September 2000-2005 | B.Sc., Materials Engineering Department, Industrial Metallurgy Division, Sahand University of Technology, Tabriz, Iran. |
| September 1996–2000 | Physics Diploma, Total Cumulative GPA: 19.02/20 = 3.8/4. |

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Practical Experiences:

November 2008–Now	Faculty Member of Mining and Materials Engineering Department, Institute of Material Science Engineering, Urmia University of Technology, Urmia, Iran.
2009 – 2012	Manager of the Technology & Industrial Collaboration Office in Urmia University of Technology.
2009 Summer	Establishing the Technology & Industrial Collaboration Office in Urmia University of Technology.
2009 Spring	Establishing the Casting Laboratory and the Administrator of Operation Office
2007 - 2008	Wellhead Equipment Technology Co., Tehran, Iran.
2006 - 2007	Iran Inspection Quality and Standard Co., Tehran, Iran.
2005 - 2006	Iran Ferrosilice Co., Semnan, Iran.
2003 Summer	Motogen Co., Tabriz, Iran. (Internship).
2001 Summer	Tractor Manufacture Co., Tabriz, Iran. (Internship).
2000 Summer	Iran Casting Industries Co., Saveh, Iran. (Internship).

Teaching Experiences:

Teacher of *Heat Treatment of Steels, Physical Metallurgy & Ceramics & Refractories* for Materials Science Engineering Students, Urmia University of Technology, 2017 –Now.

Teacher of *Material Science & Engineering* for Mechanical Engineering & Industrial Engineering Students, Urmia University of Technology, 2008 –Now.

Teacher of *Welding Technology, Welding Workshop, Casting & Physical & Mechanical Properties of Materials* for Mechanical Engineering Students, Urmia University of Technology, 2008 -2012.

Teacher of *Casting Workshop* for Mechanical Engineering & Industrial Engineering Students, Urmia University of Technology, 2008 -2012.

Publication:

- M. Bahmani Oskooee, S. Hossein Nedjad, A. Samadi, “*Effect of copper addition on the microstructure, hardness and antibacterial properties of martensitic stainless steel (410s)*”, *Advanced materials and technology*, vol. 7, No. 1, 2018.

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- M. Bahmani-Oskooee, S. Hossein Nedjad, A. Samadi, E. Kozeschnik, **“Cu-bearing, martensitic stainless steels for applications in biological environments”**, Materials & Design, Vol. 130, 442-451, 2017.
- M. Bahmani Oskooee, S. Ashkriz, **“NANO- TiO₂ in Self Cleaning Glass”**, 1th National Conference on Health, Environment, Health, Safety & Sustainable Environment, Hamadan, Iran, September 2014.
- Sepehr Omid, Mahdi Bahmani Oskooee, Navvab Shafiei, **“Finite Element Analysis of an Ultra-Fine Grained Titanium Dental Implant Covered by Different Thicknesses of Hydroxyapatite Layer”**, Indian Journal of Dentistry, 2013.
- Sepehr Omid, Mahdi Bahmani Oskooee, **“Analysis of Stress Concentration in Bone-Implant Interface Using Different Shapes of the Implant: Porous Ti and Ultra-Fine Grained Ti”**, Indian Journal of Dentistry, 2013.
- M. Bahmani Oskooee, Z. A. Nemati, M. R. Fazeli, S. Meshkat, **“Antibacterial Properties of NANO-AgNO₃ in Ceramic Glaze”**, Advances in Applied Physics and Material Science Congress, Antalya, Turkey, May 2011.
- M. Bahmani Oskooee, Z. A. Nemati, M. R. Fazeli, H. Jamalifar, **“Antibacterial Properties of Silver Nitrate in Ceramic Glaze”**, 9th Iranian Congress of Microbiology, Kerman, Iran, March 2008.

Patent:

M. Bahmani Oskooee, Z. A. Nemati, M. R. Fazeli, H. Jamalifar, **“Design and Manufacture of Antibacterial Glaze and Tile”**, Jan 2008, Ministry of Science, Research & Technology, Iranian Research Organization for Science and Technology, Iran.

Best Regards

Mehdi Bahmani Oskooee

