

## Dr. Mehdi Nikfar



**PhD Institution and Year :** \*K. N. Toosi University of Technology, Mechanical Engineering Department, Tehran, Iran. January 2016\*.

**Date of Joining IISc :** November 2016

**Area(s) of Research :** Computational Fluid dynamics (CFD), Turbulent Multiphase Modeling, Porous media, Element-based finite volume method (EB-FVM), Meshless Methods, Distinctive Element Method (DEM), Inverse Shape Design Problems, Coupled Solvers.

**Name of the Post-doctoral Fellowship :** Multiphase flow modeling Supported Department of Science and Technology (DST).

**Laboratory where currently working :** Simulation lab (SIMULATION LAB  
<http://materials.iisc.ernet.in/%7Egovind/>

**Department :** Materials Engineering

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**Topic(s) of Research :** Numerical Simulation of Turbulent Multi-Phase Flow Inside Porous Media (blast iron-making furnace).

**Research Publications in IISc :** At this moment I have not published any papers in IISc. In order to refer my publications/citations you can use my \*Google Scholar Profile  
<https://scholar.google.com/citations?hl=en&user=pfOP7CsAAAAJ&sortby=pubdate>

**Other accomplishments and recognition while in IISc :** Nothing yet

**What information will be useful to post-docs if it is available on the post-doc page on the IISc Website ? List the items.**

I think that there should be a link on the website showing the available postdoc positions in all over the world.

**A tweet about your post-doctoral experience in IISc :**

During these three months, I found IISc a prosperous scientific environment. In IISc, researchers almost have access to everything to carry out a high-caliber research.

