

Research Interests

- Corrosion of materials in aqueous environments
- Pit initiation in stainless steels

- Numerical modelling of electrochemical processes
- Thermomechanical processing

Research Projects

1. "*Investigation of the effect of cold rolling on corrosion behaviour of 17-4 PH stainless steel*", M.Sc. thesis, August 2011- present, Ferdowsi University of Mashhad, under supervision of [Dr. M. H. Moayed](#)
2. "*Failure analysis of corroded ductile iron water system pipe*", November 2010- February 2011, [FUM](#) and [Imam Reza Holy Shrine](#) under supervision of [Dr. M. H. Moayed](#)
3. "*Heat treatment process for automotive torsion bar*", August- November 2009, Internship project, [FUM](#) and [Sapco](#) under supervision of [Dr. M. Kashefi](#)
4. "*Controlled forging of a Nb-containing HSLA steel for automotive applications*", B.S Project, May 2008- June 2009, Ferdowsi University of Mashhad, under supervision of [Dr. F. Fazeli](#) and [Dr. M. Mazinani](#)
5. "*Determining the fatigue life of normalized Ti-V-microalloyed steel*", September- December 2008, Student Scientific Committee and [Nahamin Pardazan Asia Co](#)
6. "*Investigation of the effect of Ag addition on lead-acid batteries performance*", Internship project, June- October 2008, [FUM](#) and [Sapco](#) under supervision of [Dr. M. H. Moayed](#)

