Name: Maryam Heidary Ramshe
Email: m.heidary1367@gmail.com, h.ceram91@yahoo.com

Phone: 09124212614

Education

BSc.
University: Iran University of Science & Technology (IUST)
Major: Material Science & Engineering (Ceramic Materials)
Thesis: synthesis of Ni /$NiFe_2O_4$-NiO cermet by solid state reaction method and investigation of Y_2O_3 additive
Supervisor: Dr Farhad Golestanifard . Dr Rahim Naghizade

Msc.
University: Iran University of Science & Technology (IUST)
Major: Material Science & Engineering (Ceramic Materials)
Thesis: synthesis and investigation of optical peroperties of chalcogenide thin films by PLD
Supervisors: Dr Ali Beitollahi . Dr Seyed Mohammad Mahdavi

PhD
University: Sharif University of Technology (2015)
Major: Nanotechnology

Research Experience:
pulsed laser deposition(PLD)
Thin film solar cells
synthesis of $Cu(In_xFe_{1-x})S_2$ (x: 0-1) and Cu_2ZnSnS_4 nanoparticles
Solid state reaction,Hydrothermal and Polyol synthesis

Teaching Experience
Undergraduate Teaching Assistant at Iran University of Science & Technology, The process of making ceramics course

Publications:

Synthesis of Ni/$NiFe_2O_4$-NiO composite by Solid State Reaction Method and investigation of effect of Y_2O_3 additive, oral peresentation at 9th congress of Iranian ceramic society, 2013,In Persian,Tehran, Iran, http://www.civilica.com/Paper-ICC09-ICC09_183.html.

Heidary Ramshe, Maryam,et al, "Synthesis of Flower Shaped $CuInS_2$ Microparticles by One-Pot Polyol Method", Science and Engineering of Ceramic journal, 2015,In Persian,Tehran, Iran.

Synthesis of $CuInS_2$ microparticles by polyol route and use of them in hybrid ink form in solar cell, poster peresentation Conference on Nanostructured Solar Cells (nssc93),In Persian,Tehran, Iran.

Mohammad Mahdi Dabbagh, Seyyed Mohammad Mahdavi, Maryam Haghighi, Maryam Heidary Ramshe, "The effect of deposition temperature onto structure and properties of Cu_2ZnSnS_4 thin films grown by pulsed laser deposition", The 7th National Vacuum Conference Of Iran, 2015, Mazandaran, Iran.