

Name: Fariborz Nemati

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## Education

### BSc.

University: Qazvin Islamic Azad University

Major: Electrical Engineering - Electronics

### Msc.

University: Shahid Beheshti University (Laser and Plasma Research Institute)

Major: Photonics

Thesis: Fabrication and Characterization of MoS<sub>2</sub> 2-Dimensional Structures for use in Dye-Sensitized Solar Cells

Supervisors: Dr. Majid Ghannatshoar

### Msc.

University: Tehran Jonoub University

Major: Electronics Engineering

Thesis: A First Principle Numerical Calculation of Electronic and Optical Properties of MoS<sub>2</sub>

Supervisors: Dr.Morteza Fathipour

### PhD

University: Sharif University of Technology (Institute for Nanoscience and Nanotechnology)

Major: Nanotechnology (Nanoelectronics) (2020-Present)

### Research Experience:

Solar Cell, Nanomaterial ...

### Honors & Awards:

Ranked 16<sup>th</sup> in national university entrance exam for Ms.c degree in photonics in year 2015

Ranked 1<sup>th</sup> in national university entrance exam for Ph.D degree in (Nanotechnology-Nanoelectronics) in year 2020

### Publications:

Nemati.F,(2017)Investigation of the Effect of Vacuum in Synthesis of Molybdenum Disulfide Nano Structures, 8th National Vacuum Conference.Tehran.

