



Education

- 2004–2009 **Ph.D.**, Mathematical Logic, Shahid Beheshti University, Tehran.
2002–2004 **M.Sc.**, Pure Mathematics, Isfahan University of Technology, Isfahan.
1998–2002 **B.Sc.**, Pure Mathematics, Isfahan University of Technology, Isfahan.

Ph.D. thesis

title *Developing Kripke model theory of intuitionistic first-order logic*
supervisor Dr. Morteza Moniri

Master thesis

title *Admissible rules of intuitionistic propositional logic*
supervisor Dr. Mojtaba Aghaei

Academic experiences

- 2009–Now Assistant Professor of Damghan University
2011–2013 Director of Cultural Affairs of Damghan University

Publications

- With M. Moniri, *Homomorphisms and chains of Kripke models*, Archive for Mathematical Logic, Volume 50, 431-443, 2011.
- With M. Moniri, *Preservation theorems for Kripke models*, Mathematical Logic Quarterly, Volume 55, 177-184, 2009.

Presentations

- *Sandwiches of Kripke models*, 43rd Annual Iranian Mathematics Conference, University of Tabriz, August 27-30, 2012.
- *Fragments of epistemic arithmetic*, Two days Seminar on Mathematical Logic and its Applications, University of Isfahan, November 30 and December 1, 2011.
- *Chains of Kripke models*, 42th Annual Iranian Mathematics Conference, Vali-e-Asr University of Rafsanjan, September 5-8, 2011.
- *On Kripke models of intuitionistic first-order logic*, First Tabriz seminar on Mathematical Logic, University of Tabriz, October 2010.
- *Preservation theorems for Kripke models*, Two days seminar on Mathematical Logic, IPM, December 2009.
- *Extensions and unions of chains of Kripke models*, 40th Annual Iranian Mathematics Conference, Sharif University of Technology, August 2009.
- *Preservation theorems for intuitionistic first-order logic*, Logic Colloquium 2009, Sofia University, Bulgaria, July 31-August 5.

Teaching experiences

Advanced Courses

- Topics in Mathematical Logic
- Foundations of Computer Science
- Proof Theory and Constructive Mathematics
- Advanced Computability Theory

Undergraduate Courses

- Theory of Computation
- Linear Algebra
- General Mathematics
- Logic for Computer Science
- Foundations of Mathematics
- Mathematical Softwares

Computer skills

- C programming
- Maple

Research interests

- Mathematical Logic: Intuitionistic Logic, Epistemic Logic, Temporal Logic, Specifying and Verifying Security Protocols
- Computability Theory and Complexity Theory
- Cryptography

Honors and Awards

- Travel grant from ASL to attend Logic Colloquium 2009.

Membership in Scientific Societies

- Mathematical Logic Group, School of Mathematics, Institute for Research in Fundamental Sciences (IPM).
- Iranian Mathematical Society.
- Responsible for research project codify master courses for passive defence FAVA (ICT) with Malek Ashtar University.