

Curriculum Vitae



My resume is as follows:

(I) Personal Details

Name: **Mohammad Hossein**

Surname: **Rahmani Doust**

Abbreviation: **M.H. Rahmani Doust**

M.Sc.

Dissertation Title: **Global Analysis of System of Predator-Prey Equations**

Supervisor: **M. Hessaraki, Sharif University of Technology, Iran**

Studies Duration: **Mar 1995 – Jan 1997** (With Grant of MSRT, Iran)

Ph.D.

Dissertation Title: **A Study on Systems of Nonlinear Differential Equations and Applications**

Supervisor: **R. Rangarajan, University of Mysore, India**

Studies Duration: **2005 – 2008** (With Grant of MSRT, Iran)

Present Job: **Asst. Professor of Mathematics, University Faculty Member,**

Mail Address:

Department of Mathematics, School of Sciences, University of Neyshabur, Neyshabur, Iran.

E-mail address:

1. **Mh.rahmanidoust@neyshabur.ac.ir**

2. **Mh.rahmanidoust@gmail.com**

Home: **<http://rahmanidoust.neyshabur.ac.ir>**

Mobile: **+989155518640** Birth Date: **25 May 1970** Gender: **Male**

Nationality: **Iranian** Marital Status: **Married, Two Sons, One Daughter.**

(II) List of Publications

Books:

1. M.H. Rahmani Doust; Introduction to Ordinary Differential Equations and its Applications, **Ilam University Press**, Iran, 2004.
2. M. H. Rahmani Doust; Systems of Non-Linear Differential Equations and Ecology: Basic, Concepts, Methods, **Scholar Press**, Germany, 2013.
3. M.H. Rahmani Doust, F. Haghighifar; Differential Equations and Ecology, Vol. 1, **Nowrouzi Press, University of Neyshabur**, Iran, 2013.
4. M.H. Rahmani Doust, S.A. Mousavi, F. Haghighifar; Introduction to Group Theory, **Nowrouzi Press, University of Neyshabur**, Iran, 2013.
5. M.H. Rahmani Doust; Introduction to Fuzzy Sets and Fuzzy Logic, **Nowrouzi Press, University of Neyshabur**, Iran, 2013.
6. M.H. Rahmani Doust, S.Gholizade, F. Mozafari; Differential Equations, Dynamical Systems and An Introduction to Chaos, Vol.1, **Nowrouzi Press, University of Neyshabur**, Iran, 2014.
7. M.H. Rahmani Doust, S.Gholizade, F. Mozafari; Differential Equations, Dynamical Systems and An Introduction to Chaos, Vol.2, **Nowrouzi Press, University of Neyshabur**, Iran, 2015.

Research Papers:

2007

8. M.H. Rahmani Doust, Analysis of System of Coexistence Equation; **Ultra Scientist**, **19** (1), 49-56, 2007.
9. M.H. Rahmani Doust, An Analysis of System of Competition Equations; **Ultra Scientist**, **19**(2), 393-400, 2007.

2008

10. M.H. Rahmani Doust, R. Rangarajan, M.N. Modoodi, Analysis of Predator-Prey Equations with Intraspecies Coexistence, **Ultra Sciences**, **20** (3), 2008.
11. M. N. Modoodi, M. H. Rahmani Doust, Empowered Knowledge and Under Empowered Ethics: Need to Eco-Friendship, **Asian Journal of Development Matters**, Nov. 2008.
12. M.H. Rahmani Doust, R. Rangarajan, Global Analysis of a Lotka- Volterra Predator-Prey Model with Intraspecies Competition, **Journal of Analysis and Computation**, **4**(1), 2008.

2009

13. M. N. Modoodi, M.H. Rahmani Doust, Living Intelligently in The Intelligent Environment, **Journal of intelligent System Research**, **3**(1), 2009.

2010

14. M. N. Modoodi, S. G. L. Belagali, M.H. Rahmani Doust, Pesticide Residues in Agricultural Water Sample of Mysore District, **Asian Journal of Development Matters** **5**(3), 255-261, 2010.

2011

15. M.H. Rahmani Doust, F.Haghighifar, The Lotka-Volterra Predator-Prey System; Having Interspecific Interactions or Harvested Factor **Journal of Intelligent System Research**, 5(2), 105-111, 2011.
16. M.H. Rahmani Doust , F.Haghighifar, Two Species Lotka-Volterra Harvested Model Having Competition Interspecific Factor, **Journal of Analysis and computation** vol. 7(2), 105-112, 2011.

2012

17. M.H. Rahmani Doust, F.Haghighifar,, M.N. Modoodi, The Lotka-Volterra competition Model , **Proc. Jangjeon Math. Soc.**, 15(3), 259-265, 2012.
18. M.Saraj, M.H. Rahmani Doust, F.Haghighifar, The stability of Gauss Model; Having Harvested factor, **Selcuk J. Appl. Math.** 13(2) 3-10, 2012.

2013

19. M.H. Rahmani Doust, F.Haghighifar, M.Saraj, The Logistic Modeling Having Harvested factor, **Yugoslav Journal of Operational Research**, 23(4), 107-115, 2013.

2014

20. M.H. Rahmani Doust, F. Haghighifar, V. Loksha, The Stability of Gauss Model Having Two-Preys and One-Predator, **Proc. Jangjeon Math. Soc.**, 17(3), 347-354, 2014.
21. M.H. Rahmani Doust, A. Ghyasi, V. Loksha, An Analysis on Fourier Series Expansion, **IeJETA**, (1-5), 2014.
22. M.H. Rahmani Doust, The Lotka- Volterra Food Chain Model; Theory and Importance, **IeJETA**, (6-13), 2014.
23. M.H. Rahmani Doust, S. Gholizade, An Analysis of The Modified Lotka-Volterra Predator-Prey Equations, **General Mathematics Notes** , 25(2) , 1-5, 2014 .

2015

24. M.H. Rahmani Doust, M. Saraj, The Logistics Modeling Population; Having Harvesting Factors, **YUJOR**. 25 (1), 107-115, 2015.
25. M.H. Rahmani Doust, An Analysis On The Lotka-Volterra Food Chain Model: Stability; **Caspian Journal of Mathematical Sciences**, 4(1), 87-94, 2015.
26. M.H. Rahmani Doust, The Efficiency of Harvested Lotka-Volterra Predato- Prey model, **Caspian Journal of Mathematical Sciences**, 5(1), 51-59, 2015.

2016

27. M.H. Rahmani Doust, S. Gholizade; Prey- Predator System; Having Stable Orbit; **Caspian Journal of Mathematical Sciences**, 1(1), 21-27, 2016
28. M.H. Rahmani Doust, A. Ghasem Abadi; Permanency and Asymptotic Behavior of The Generalized Lotka-Volterra Food Chain System; **Caspian Journal of Mathematical Sciences**, 5(1), 1-5, 2016.

2018

29. M.H.Rahmani Doust, F. MotahariNasab, Existence and Uniqueness of Asymptotic Periodic Solution in the Cyclic Four Species Predator- Prey Model, **Journal of Advanced Mathematical Modeling**, 9(1), 143-160 2018.

2019

30. A. Ghasemabadi, M.H.Rahmani Doust, Investigating the dynamics of Lotka-Volterra model with disease in the prey and predator species, **International Journal of Nonlinear Analysis and Applications** Accepted, 2019

(III) Invited Plenary Speaker

- ✓ 26th International Conference of Jangjeon Mathematical Society South Korea, 2013.
- ✓ 29th International Conference of Jangjeon Mathematical Society South Korea, 2016.

(IV) Presented Papers

2000

1. M.H. Rahmani Doust, M. Hesarak, System of Predator - Prey Equations Rosenzweig - MacArther, 4th Seminar of Differential Equations and Dynamical Systems, and Applications, Ferdowsi University of Mashhad, Iran, 4-5 May 2000.
2. M.H. Rahmani Doust, M. Hesarak, Differential Equations and Ecological Models, 4th Seminar of Differential Equations and Dynamical Systems, and Applications, Ferdowsi University of Mashhad, Iran, 4-5 May 2000.
3. M.H. Rahmani Doust, M. Hesarak, Uniqueness of a Limit Cycle for Predator-Prey Equations of Rosezweig-MacArther, 4th Seminar of Differential Equations and Dynamical Systems, and Applications, Ferdowsi University of Mashhad, Iran, 4-5 May 2000.

2006

4. M.H. Rahmani Doust, R. Rangarajan, Global Analysis of a Lotka- Volterra Predator-Prey Model with Intraspecies Competition, 22nd Annual Conference of Ramanujan Mathematical Society, NITK, Surathkal, India, 6-8 June 2006.

2007

5. M.H. Rahmani Doust, R. Rangarajan, An Analysis of Lotka- Volterra Three Species Food Chain, 73rd Annual Conference of the Indian Mathematical Society, University of Pune, Pune, India, 27-30 December 2007.

2008

6. M.N. Modoodi M.H. Rahmani Doust, Empowered Knowledge and Under Empowered Ethics Needs of Sharing Ethics for Eco-Friendship, Regional Seminar on Recent Trends in Environmental Education, Mysore, India, 23-25 January 2008.
7. M.H. Rahmani Doust, R. Rangarajan, Lotka-Volterra Predator-Prey Model with Prey-interspecies Competition and Predator-intraspecies Coexistence, International Conference on Nonlinear Dynamic and Turbulence, IISc., Bangalore, India, 17-21 July 2008.
8. M.H. Rahmani Doust, R. Rangarajan, M.N. Modoodi, Analysis of a Predator-Prey Model with Intraspecies Coexistence, International Conference on Recent Developments in Nonlinear Dynamics, Bharathidasan University, Tiruchi, India, 13-16 February 2008.
9. M.H. Rahmani Doust, R. Rangarajan, The Lotka- Volterra Model, One Day Seminar on Recent Trends in Mathematics, Dept. of P.G. Studies and Research in Mathematics, KuvempuUniversity, Shimoga, India, 5 May 2008.

2009

10. M.H. Rahmani Doust, M. N. Modoodi & A. R. Ghodsi, Logistic Modeling Population Having Harvesting Factor, 5th Asian Mathematical Conference (AMC2009), Putra world Trade Center, Kuala Lumpur, Malaysia, 22-26 June 2009.
11. M.H. Rahmani Doust, M. N. Modoodi, Classification of Non-Linear Systems of ODEs. Multi-Species Interaction, International Conference on Mathematical Sciences, Maltepe University, Istanbul, Turkey, 04-10 August 2009.
12. A. Ghyasi, M.H. Rahmani Doust, An Analysis of Fourier Series Expansion, International Conference on Mathematical Sciences, Maltepe University, Istanbul, Turkey, 04-10 August 2009.
13. M.H. Rahmani Doust, A. M. Bahrami, Approximate Analytic Solution of The Mathematical Model for Bacterial Pattern in a semi solid Medium, 40th Annual Iranian Mathematics Conference, Sharif University of Technology, Tehran, Iran, 17-20 August 2009.

2010

14. M.H. Rahmani Doust, A. M. Bahrami, The Lotka-Volterra Competition Models, 23rd International conference of The Jangjeon Mathematical Society, Shahid Chamran University- Jangjeon Mathematical Society(Iran-S. Korea), Ahwaz, Iran, 8-10 February 2010.
15. M.H. Rahmani Doust, F. Haghighifar, The Study of a System of Harvested Lotka-Volterra Predator-Prey Equations, International Congress in Honor of Professor H. M. Srivastava on his 70th Birth Anniversary, Uludağ University, Bursa, Turkey, 18-21 August 2010.

2011

16. M.H. Rahmani Doust, F. Haghighifar, The Lotka-Volterra Model Having Interspecific Interactions, 24rd International conference of The Jangjeon Mathematical Society - Jangjeon Mathematical Society Konya, Turkey, 20-23 July 2011.

2013

17. M.H. Rahmani Doust, S. Gholizadeh, An Analysis Of The Modified Lotka- Volterra Predator-Prey Model, The 44th Annual Iranian Mathematics Conference, Ferdowsi University of Mashhad ,Mashhad , Iran, 27-30 August 2013.
18. M.H. Rahmani Doust, F. Haghighifar The Stability Of Gauss Model; Having Multi Species Of Preys And Predators, The 44th Annual Iranian Mathematics Conference, Ferdowsi University of Mashhad, Mashhad, Iran, 27-30 August 2013.
19. M.H. Rahmani Doust On The Lotka-Volterra Food Chain Models, the Importance and Stability, 26th International Conference of The Jangjeon Mathematical Society-S. Korea; Acharya Institute of Graduate Studies Bangalore, India, August 01-04, August, 2013.
20. M.H. Rahmani Doust, S. Gholizadeh, , The Lotka-Volterra Predator-Prey Equations, The 10th Seminar on Differential Equations and Dynamical Systems, Mazandaran university, Babolsar, Iran, 6-7 November 2013.

2014

21. M.H. Rahmani Doust, F. Mozafari, Analysis of Kolmogorov Model; Coexistence Type, The 45th Annual Iranian Mathematics Conference, University of Semnan, Semnan, Iran, 26-29 August 2014.

22. **M.H. Rahmani Doust**, A. GhasemAbadi, The Stability of Lotka-Volterra Food Chain Model, The 45th Annual Iranian Mathematics Conference, University of Semnan, Semnan, Iran, 26-29 August 2014.
23. **M.H. Rahmani Doust**, S. Gholizadeh; An Analysis Of Kolmogorov Model, Coexistence Type The 11th Seminar on Differential Equations and Dynamical Systems, , University of Damghan, Damghan, Iran, 23-25 June 2014.

2015

24. **M.H. Rahmani Doust**, R. Karimian, The Stability and Bifurcation of Food Chain Model; Holling Type II, 46th Annual Iranian Mathematics Conference, Yazd University, Yazd, Iran 25-28 Aug 2015.
25. A. Farahmandfard, **M.H. Rahmani Doust** The stability Predator- Prey Model With Diseases Infection, 46th Annual Iranian Mathematics Conference, Yazd University, Yazd, Iran, 25-28-Aug 2015.
26. **M.H. Rahmani Doust**, R. Karimian, The study of stability Lotka-Volterra Competition Model, 12th Seminar on Differential Equations and Dynamical Systems, Tabrizuniversity, Tabriz, Iran 27-29 May, 2015.
27. **M.H. Rahmani Doust**, S. Soltani, Optimal Antrivial Treatment strategies of Hepatits B Modelwith Noncytolytic Loss of Infected Cells, 12th Seminar on Differential Equations and Dynamical Systems, Tabrizuniversity, Tabriz, Iran 27-29 May, 2015.
28. **M.H. Rahmani Doust**, S Gholizade, Applications of Systems of differential Equations Predator- Prey Model, 12th Seminar on Differential Equations and Dynamical Systems, Tabriz university, Tabriz, Iran 27-29 May, 2015.
29. **M.H. Rahmani Doust**, A. Farahmand, The Stability and Basic Reproduction Number for epidemic Models, 12th Seminar on Differential Equations and Dynamical Systems, Tabriz university, Tabriz, Iran 27-29 May, 2015.

2016

30. **M.H. Rahmani Doust**, Z. Komeili, Stabilization of Tuberculosis Dynamics: An optimal Control Approach, The 29th International Conference of Jangjeon Mathematical Society, Pondicherry University, Puducherry, India, 8-10 August 2016.
31. **M.H. Rahmani Doust**, R. Shourabi, On The Study of stability and Bifurcation of a Delay ecological Model , The 29th International Conference of Jangjeon Mathematical Society, Pondicherry University, Puducherry, India, 8-10 August 2016.
32. **M.H. Rahmani Doust**, F. Motahari Nasab, The permanency of Cyclic System of Four Species Predator-Prey Equations, The 29th International Conference of Jangjeon Mathematical Society, Pondicherry University, Puducherry, India, 8-10 August 2016.
33. **M.H. Rahmani Doust**, F. Motahari Nasab and A. Ghasem Abadi, Existence and Uniqueness of Asymptotically Periodic Solution for Cyclic System of Four Species Predator-Prey Equations, 47th Annual Iranian Mathematics Conference, Kharazmi University, Karaj, Iran, 28-31 August 2016.

2018

34. **M.H. Rahmani Doust**, A study on The Permanency of Cyclic System of Four Species Predator-Prey Equations Model, The 1st International Conference n Boundary Value problem and Application, Tabriz university, Tabriz, Iran, 4-5 July 2018.
35. **M.H. Rahmani Doust**, An Analysis of solution in The Cyclic Multi- species Predator- Prey Model, 14th Seminar on Differential Equations, Dynamical Systems and Applications, Institute for Advanced Studies in Basic Sciences, Zanjan, Iran, 17-19 July 2018.
36. **M.H.Rahmani Doust**, ShamsAbadi, The Construction and Analysis of a Predator- Prey Model with Migratory Effect, 49th Annual Iranian Mathematics Conference, Iran University of Science and Technology, Tehran, Iran, 23-28 August 2018.

2019

37. E. Ameli, **M.H. Rahmani Doust**, E. Anjidani, Picard Iteration Method for Ecological Models; Growth Rate, 1st Annual National Conference on Biomathematics, University of Neyshabur, Neyshabur, Iran, 12-13 March 2019.
38. M.Shamsabadi, **M.H. Rahmani Doust**, M.Shirazian, The role of disease in the prey-predator model, , 1st Annual National Conference on Biomathematics, University of Neyshabur, Neyshabur,Iran, 12-13 March 2019.
39. S. Amiri, **M.H. Rahmani Doust**, Fractional Differential Equations, , 1st Annual National Conference on Biomathematics, University of Neyshabur, Neyshabur,Iran, 12-13 March 2019.
40. M.Shamsabadi, **M.H. Rahmani Doust**, M.Shirazian, Stability analysis of prey- predator model with infection, migration and vaccination in prey, 1st Annual National Conference on Biomathematics, University of Neyshabur, Neyshabur, Iran, 12-13 March 2019.
41. **M.H. Rahmani Doust**, M. Shirazian, M. Shamsabadi, A Study on Prey-Predator Eco-epidemiological Model, The 50th Annual Iranian Mathematics Conference, Shiraz University, Iran 26–29 August 2019.

(V) University Lecture Series

- ✓ Mathematics and Ecological Modelling, Research Convention, University of Ilam, Ilam, Iran, 2001.
- ✓ Predator-Prey Models, Research Convention, University of Ilam, Ilam, Iran, 2002.
- ✓ Mathematical Biology, Research Convention, University of Ilam, Ilam, Iran, 2004.
- ✓ Differential Equations and Ecology, Research Convention, University of Neyshabur, Iran, 2014.
- ✓ Ecological Models and Solutions Bifurcation, Research Convention, University of Neyshabur, Iran, 2015.
- ✓ Differential Equations and Chaos, Research Convention, University of Neyshabur, Iran, 2016.

(VI) Workshopes

- ✓ The First Workshop on **Dynamical System and Applications**, Ferdowsi University of Mashhad, Iran, 2002.

- ✓ Pre-Conference Workshop of **ICDM**, university of Mysore, Mysore, India, 2008.
- ✓ Instructional workshop on **Differential Geometry**, university of Mysore, Mysore, India, 2008.
- ✓ Workshop on **Mathematical Biology**, Mazandaran University, Babolsar, Iran, 2013.

(VII) Working Backgrounds

- ✓ Permanent University Faculty Member of Mathematics Department, University of Ilam, Iran (1998-2012).
- ✓ Permanent University Faculty Member of Mathematics Department, University of Neyshabur, Iran (2012-Present).
- ✓ The Manager of Surveillance and Evaluation of University (2008 2010).
- ✓ The General Manager of Educational Affairs (2010-2012).
- ✓ The Vice- chancellor of University: Financial and Administration (2012-2016).

(VIII) Students and Thesis

Supervisor of M.Sc. Students

1. ***An Analysis of Harvested Lotka-volterra Predator- Prey Equations***, University of Ilam , F. Haghighifar 2011.
2. ***An Analysis of System of Three Species Food Chain Equations***, University of Ilam, S. Gholizade, 2012.
3. ***An Analysis of Systems of Kolmogorov Equations***, University of Ilam, F. Mozafari 2012.
4. ***Food Web; Structure and Stability***, University of Neyshabur, A. Farahmandfard 2014.
5. ***The Study of Chaos and Stability in Food Chain***, University of Neyshabur, R. Karimian 2014.
6. ***Global Analysis of Ecological Kolmogorov Models***, University of Neyshabur, S. Soltani 2014.
7. ***The Study on Fixed Point Theorems***; University of Neyshabur, S. Yahghoubi 2016.
8. ***The Study of Hopf Bifurcation in a Delayed System of Predator-Prey Equations***; University of Neyshabur, R. Shourabi 2016.
9. ***Existence of Periodic Solution in Competition Dynamic and Predator-Prey Systems***, University of Neyshabur, F. Motahari 2016.
10. ***The Study of Limit Cycle in Predator- Prey Model***; University of Neyshabur, N. Ali Mirzaee 2016.
11. ***Bifurcation Analysis and Optimal Treatment of a Tuberculosis Model***; University of Neyshabur, Z. Komeili, 2017.
12. ***Stability and Hopf Bifurcation in Gauss Model; Having Two Predators and One Prey***, University of Neyshabur, A. Samghani, 2018.
13. ***Bifurcation and Some Applications in Electronic System***, University of Neshabur, H.R. Borji, 2018.

14. **Stability and Hopf Bifurcation For a predator-Prey Model**, University of Neyshabur, H.Soofi, 2018.
15. **Analysis of Stability for a Predator-Prey Model with Diseases, Migration and Vaccination**, University of Neyshabur, F. Shamsabadi, 2019.
16. **Optimized Harvest and Application for Predator-Prey Gauss Model**, University of Neyshabur, F. Mirzaee, 2019.
17. **Fixed Point Theorem in b-Metric Space with Application to Differential Equations**, University of Neyshabur, E. Ameli, 2019.
18. **Analysis of Stability and Hopf Bifurcation in Predator-Prey Gauss Model; Holling Type III**, University of Neyshabur, S. Amiri, 2019.

Adviser of M.Sc. Students

1. **The Zero-Divisor Graph Associated to a Partially Ordered Set**; University of Neyshabur, H. Amirshahi; 2015.
2. **The Study of Bifurcation in Food Chain Modes**, University of Neyshabur, E. Miriskandari, 2015.
3. **A Numerical Approach Based on Septic B-Spline and Crank-Nicolson Finite Difference Methods for One-Dimensional Cahn-Hilliard Equation**; University of Neyshabur, F. Borji, 2015.
4. **Optimal Control Design for Cancer Treatment Using Iterative Approximations**; University of Neyshabur, M. Pakdin, 2016.
5. **Jensens Inequality for Operators Without Operator Convexity**; University of Neyshabur, M.R. Irankehah, 2016.
6. **The Unit Graph Associated to Commutative Rings**; University of Neyshabur, S. Ghahreman, 2018.
7. **Analysis of Stability and Optimal Control for a Prey- Predator Model**, University of Neyshabur, F. Lotfi, 2019

Under Guidance M.Sc. Students

1. M. R. Daneshwar
2. Z. Janserian

(IX) Teaching Domains Comprise

M.Sc. Courses

- ✓ Real Analysis;
- ✓ Theory of Ordinary Differential Equations;
- ✓ Partial Differential Equations;

- ✓ Special Topics in Analysis.

B. Sc. Courses

- ✓ Calculus (I), (II), (III);
- ✓ The Fundamental of Mathematical Analysis;
- ✓ Mathematical Philosophy;
- ✓ Mathematical History;
- ✓ Algebra (I);
- ✓ Mathematical Analysis (I), (II), (III);
- ✓ Ordinary Differential Equations;
- ✓ Partial Differential Equations;
- ✓ Specialized Foreign Language for Mathematics;
- ✓ Complex Functions.

(X) Qualifications and Degrees

- ✓ B.Sc. In Mathematics (Teacher Training), Ferdowsi University of Mashhad, Iran, 1994.
- ✓ M.Sc. In Pure Mathematics, University of Tarbiat Modares, Tehran, Iran, 1997.
- ✓ Ph.D. In Pure Mathematics, University of Mysore, Mysore, India, 2008.

(XI) Computer Software Skills

- ✓ LATEX
- ✓ MS Word

(XII) Language Skills

- ✓ *Persian*
- ✓ *English*

(XIII) Awards & Grants

- ✓ Winner Scholarship in M.Sc. Studies, Ministry of Culture and Higher Education, Islamic Republic of Iran, 1995.
- ✓ Ranked The First M.Sc. Graduated of Pure Mathematics, University of Tarbiat Modares, Islamic Republic of Iran, 1998.

- ✓ Awarded as The Distinguished Researcher of University, University of Ilam, Islamic Republic of Iran, 2004.
- ✓ Winner Scholarship in Ph.D. Studies, Ministry of Science, Research and Technology, Islamic Republic of Iran, 2004.
- ✓ Awarded as a Distinguished Ph. D. Student, University of Mysore, Embassy of Islamic Republic of Iran in New Delhi, India, 2006.
- ✓ Awarded as a Distinguished Ph. D. Student, University of Mysore, Embassy of Islamic Republic of Iran in New Delhi, India, 2007.

(XIV) Professional Membership

Life Membership of The Society For Special Functions and Their Applications (SSFA), India.

Membership of The Indian Mathematical Society, Allahabad, India, 2007-2008.

Membership of The Iranian Mathematical Society, 2000 up to now.

Reviewer for Caspian Journal of Mathematical Sciences, 2016 up to now.

Reviewer for Punjab University Journal of Mathematics, 2016 up to now.

Reviewer for Science Journals Publications, 2016 up to now.

Reviewer for TWMS J. App. Eng. Math., 2017 up to now.

Reviewer for Journal of Advanced Mathematical Modeling, 2017 up to now.

Reviewer for Advances in Difference Equations, 2018 up to now.

Reviewer for Journal of Ultra Scientist of Physical Sciences, 2018 up to now.

Reviewer for Journal of Advanced Mathematical Modeling (JAMM), 2018 up to now.

Reviewer for International journal of mathematical Biology(IJB), 2019 up to now.

Reviewer for Control and Optimization in Applied Mathematics (COAM), 2019 up to now.

Reviewer for The 10th Seminar on Differential Equations and Dynamical Systems, 2013.

Reviewer for 49th Annual Iranian Mathematics Conference, 2018.

Executive Committee member, 1st Annual National Conference on Biomathematics, 2019.

Academic Committee member, 1st Annual National Conference on Biomathematics, 2019.

The Manager of Surveillance and Evaluation of University (2007-2010).

The Headmaster of Educational Affairs of University, (2010-2012),

Vice-Chancellor of administrative and Financial, University of Neyshabur, (2012-2016),

(XV) Avocations

- ✓ Mountaineering,
- ✓ Cycling,
- ✓ Gardening.