CURRICULUM VITAE

1. Name & Surname: Kabir Sadeghi
2. Title: Prof. Dr.
3.Education status:

Degree	Major	University	Date
Ph.D.	Civil (Structural) Engineering	Centrale Nantes (Ecole Centrale de Nantes)/Université de Nantes	1995
D.E.A. (M.Sc.)	Land-based and Maritime Dynamics and Civil Engineering	Centrale Nantes (Ecole Centrale de Nantes)/Université de Nantes	1991
M.Sc.	Civil (Structural) Engineering	Amirkabir University of Technology (Tehran Polytechnic)	1987
B.Sc.	Civil Engineering	Amirkabir University of Technology (Tehran Polytechnic)	1979

4. Academic Titles:
Prof. Dr., Civil Engineering, 2016
Assoc. Prof. Dr., Civil and Coastal Engineering, 2010
Asst. Prof. Dr., Civil Engineering, 1995

5. Supervised Master's and Doctoral Theses:

Master: Number of theses supervised: 25
Ph.D.: Number of Theses supervised/supervising: 4

6. Publications:

6.1. Articles published in international peer-reviewed journals, Science Citation Index (SCI) (in Web of Science):

a)- SCI Articles as the Single Author and First Author:

1. Sadeghi, K. (2015). Nonlinear numerical simulation of RC columns subjected to cyclic oriented lateral force and axial loading. *Structural Engineering and Mechanics*, *53*(4), 745-765.
2. Sadeghi, K. (2016). Nonlinear static-oriented pushover analysis of reinforced concrete columns using variable oblique finite-element discretization. *International Journal of Civil Engineering*, *14*(5), 295-306.
3. Sadeghi, K. (2017). Nonlinear numerical simulation of reinforced concrete columns under cyclic biaxial bending moment and axial loading. *International Journal of Civil Engineering*, *15*(1), 113-124.
4. Sadeghi, K. (2014). Analytical stress-strain model and damage index for confined and unconfined concretes to simulate RC structures under cyclic loading. *International Journal of Civil Engineering*, *12*(3), 333-343.
5. Sadeghi, K. (2011). Energy based structural damage index based on nonlinear numerical simulation of structures subjected to oriented lateral cyclic loading, *International Journal of Civil Engineering, 9*(3), 155-164.
6. Sadeghi, K., Shamsi, A. & Faghidian, S.A. (2023) Mechanics of mixture unified gradient nanobars with elastic boundary conditions. Microsyst Technol 29, 1681–1692.
7. Sadeghi, K., & Nouban, F. (2019). An algorithm for simulation of cyclic eccentrically-loaded RC columns using fixed rectangular finite elements discretization. *Computers and Concrete, 23(1), 25*, *36*.

8. Sadeghi, K., & Nouban, N. (2024). Multipurpose algorithm to simulate reinforced concrete structures: macro modelling method. *Proceedings of the Institution of Civil Engineers Structures "and" Buildings,* 177(5), 397-409.

9. Sadeghi, K. & Nouban F. (2023), An algorithm to determine the most suitable location to construct new commercial harbours, Infrastructure Asset Management, 10 (3), 114–125.

10. Sadeghi, K., & Nouban, F. (2017). Behavior modeling and damage quantification of confined concrete under cyclic loading. *Structural Engineering and Mechanics*, *61*(5), 625-635.

11. Sadeghi, K., & Nouban, F. (2016). Damage and fatigue quantification of RC structures. *Structural Engineering and Mechanics*, *58*(6), 1021-1044.

12. Sadeghi, K., & Nouban, F. (2021). Analysis of RC Beam-Columns Subjected to Monotonic and Cyclic Oblique Shear and Axial Loading. *International Journal of Civil Engineering*, *19*(6), 733–748.

13. Sadeghi, K., & Nouban, F. (2017). A highly accurate algorithm for nonlinear numerical simulation of RC columns under biaxial bending moment and axial loading applying rotary oblique fiber-element discretization. *International Journal of Civil Engineering*, *15*(8), 1117-1129.

14. Sadeghi, K., & Nouban, F. (2017). Global and local cumulative damage models for reinforced concrete structures subjected to monotonic, cyclic, or fatigue loading. *International Journal of Civil Engineering*, *15*(7), 1063-1075.

15. Sadeghi, K., & Nouban, F. (2020). A simplified algorithm for conceptual estimation of the material quantities of rubble-mound breakwaters. *Ocean Systems Engineering*, *10*(1), 111-129.

16. Sadeghi, K., Nabi, K. K., & Nouban, F. (2024). Evaluation of lateral stiffness of steel structures having different types of lateral load-resisting systems. Advances in Computational Design, 9(3), 151–165.

17. Sadeghi, K., Royaei, J., & Nouban, F. (2025). Evaluation and modelling of the buckling behaviour of SRC composite columns under simultaneous off-axis and lateral loading, Acta Polytechnica 65(2):213–221.

18. Sadeghi, K., Lamirault, J., & Sieffert, J. G. (1993, 21-23 June). Damage indicator improvement applied on R/C structures subjected to cyclic loading. *Structural Dynamics-Eurodyn* (Vol. 93). A.A. Balkema Publishers, Brookfield, Rotterdam, Netherlands, Vol 1, 129-136. ISBN-10: 9054103361.

b)- SCI papers as the Second Author or more:

19. Massumi, A., Sadeghi, K., Ghojoghi, O., Karimzade Soureshjani, O. (2024), Effect of aftershock characteristics on the fragility curve of post-mainshock RC frames, Soil Dynamics and Earthquake Engineering, 178(2024), 108451.

20. Ahmad, O., Sadeghi, K., Nouban, F. (2026), Optimizing Seismic Performance Assessment: A Web-Based Enhanced Visual Screening Method Integrated with Machine Learning for Reinforced Concrete Structures, Appl. Sci. 2026, 16(3), 1271, 1-20.

21. Royaei, J., Nouban, F., Sadeghi, K. (2024). Non-destructive assessment of carbonation in concrete using the ultrasonic test: Influenced parameters, Structural Engineering and Mechanics, 89(3), 301-308.

22. Nouban, F., & Sadeghi, K. (2018). An algorithm to simulate the nonlinear behavior of RC 1D structural members under monotonic or cyclic combined loading. *Structural Engineering and Mechanics*, *66*(3), 305-315.

23. Royaei, J., Sadeghi, K., Nouban, F. (2023). A comparative experimental investigation of high-temperature effect on fibre concrete and high strength concrete using UT and cm methods, Acta Polytechnica, 63(3), 208-215.

24. Al Houri, A., & Sadeghi, K. (2022). Safety management of offshore structures: Overview. *Infrastructure Asset Management*.

25. Massumi, A., Sadeghi, K., & Zifan, N. (2019). A novel nondestructive method to quantify fire-induced damage in RC structures based on their dynamic behavior. *Materials and Structures*, *52*(6), 132:1-14.

26. Massumi, A., Sadeghi, K., & Nekuei, M. (2017). A novel multi-objective structural system against earthquake and uncommon environmental loads. *International Journal of Civil Engineering*, *15*(5), 737-746.

27. Hashemi, S. S., Sadeghi, K., Fazeli, A., & Zarei, M. (2019). Predicting the Weight of the Steel Moment-Resisting Frame Structures Using Artificial Neural Networks. *International Journal of Steel Structures*, *19*(1), 168-180.

28. Azhdari, N., Hashemi, S.S., Ezzi, S., Sadeghi, K. and Fazeli, A. (2025), "Using gene expression programming to investigate the effect of infill sandwich panels on the response modification factor of moment-resisting reinforced concrete frames", World Journal of Engineering, Vol. ahead-of-print No. ahead-of-print.

29. Bakhshizadeh, A., Sadeghi, K., Ahmadi, S.& Royaei, J. (2023). Damage Identification in Long-Span Cable-Stayed Bridges Under Multiple Support Excitations. Int J Civ Eng 21, 1275–1290.

30. Bakhshizadeh, A., Sadeghi, K. (2024) Health-monitoring methods for long-span cable-stayed bridges. Infrastructure Asset Management, 11 (1), 41–54.

31. Royaei, J., & Sadeghi, K. (2021). The seismic behavior of buried seabed walls in liquefaction soil. *Civil Engineering Journal Stavebni Obzor*, *30*(1), 89-104

32. Massumi, A., Sadeghi, K., & Moshtagh, E. (2018). Effects of Deviation in Materials' Strengths on the Lateral Strength and Damage of RC Frames. *Structural Engineering and Mechanics*, *68*(3), 289-297.

33. Massumi, A., Sadeghi, K., & Ghaedi, H. (2021). The effects of mainshock-aftershock in successive earthquakes on the response of RC moment-resisting frames considering the influence of the vertical seismic component. *Ain Shams Engineering Journal*, *12*(1), 393-405.

34. Ferdowsi, F., Hashemi, S. S., Sadeghi, K., Dashti, R. (2024). Analyzing the Progressive Collapse of a 230 kV Power Transmission Line Tower Structure and Investigation of the Effect of Environmental Factors. *International Journal of Structural Stability and Dynamics*.

35. Hashemi, S. S., Sadeghi, K., Javidi, S., & Malakooti, M. (2019). A parametric shear constitutive law for reinforced concrete deep beams based on multiple linear regression model. *Advances in Concrete Construction*, *8*(4), 285-294.

36. Hashemi, S. S., Sadeghi, K., Vaghefi, M., & Seyed, A. S. (2020). Evaluation of the response modification factor of RC structures constructed with bubble deck system. *Scientia Iranica, 27*(4), 1699-1713.

37. Hashemi, S. S., Sadeghi, K., Javidi, S., & Malakouti, M. (2021). Analysis of RC Deep Beams Considering the Shear Deformations and Bar-concrete Interaction. *Periodica Polytechnica Civil Engineering*, *65*(1), 99-108.

38. Hashemi, S. S., Sadeghi, K., Vaghefi, M., & Shayan, K. (2017). Evaluation of ductility and response modification factor in moment-resisting steel frames with CFT columns. *Earthquakes and Structures*, *12*(6), 643-652.

39. Hashemi, S. S., Sadeghi, K., Vaghefi, M., & Siadat, S. A. (2018). Evaluation of ductility of RC structures constructed with bubble deck system. *International Journal of Civil Engineering*, *16*(5), 513-526.

6.2. Articles published in peer-reviewed <u>Scopus Index Journals</u>

Note: Articles in Journals that are indexed both in Scopus and Web of Science have not been listed.

40. Sadeghi, K., & Ghaboun, N. (2019). Significant Guidance to Employ the Software to Analyze and Design the Reinforced Concrete Structures: State-Of-The-Art. *International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8*(9) 1160-1169. D

41. Ahmad, O., Sadeghi, K., Nouban, F. (2023), Comparison of the post-tensioned, solid, hollow block, and flat slabs in terms of economy considering different span lengths, International Journal of Applied Mechanics and Engineering, 2023; 28(2):24–33.

42. Alkhattab, M., Resatoglu, R., Sadeghi, K., & Alibrahim, B. (2019). Seismic performance of steel frames with inverted V-braces for N. C., *International Journal of Innovative Technology and Exploring Engineering, 9*(1), 4314-4321.

43. Bdaiwi, B. W., Sadeghi, K. & Mahmoud, A. S. (2025). State-of-the-Art on Time-Dependent Analysis of Reinforced Concrete Columns Strengthened by FRP: Experimental and Numerical Studies, IOP Conference Series: Earth and Environmental Science, 1545(1), 012074,

44. Sadeghi, K. (2001, 30 April – 2 May). Proposition of a simulation procedure for the non-linear response of R/C columns under cyclic biaxial bending moment and longitudinal loading. *Proceedings First International Conference on Concrete and Development,* Ministry of housing and urban development, *Tehran, Iran, 233-239*.

6.3. Articles published in <u>other</u> peer-reviewed <u>international journals:</u>

<u>a)- As the Single Author and First Author:</u>

45. Sadeghi, K. (2007). An overview of design, analysis, construction and installation of offshore petroleum platforms suitable for C. oil/gas fields. *Journal of Soc. & Applied Sciences*, *2*(4), 1-16.

46. Sadeghi, K. (2008). Significant guidance for design and construction of marine and offshore structures. *Journal of Social & Applied Sciences*, *4*(7), 67-92.

47. Sadeghi, K. (2007). A numerical simulation for predicting sea waves characteristics and downtime for marine and offshore structures Installation operations. *Journal of Soc. & Applied Sciences*, *3*(5), 1-12.

48. Sadeghi, K. (1994). Proposition of a simulation procedure for the non-linear response of R/C columns or piles under oriented lateral loading. *International Journal of Engineering*, *5*(2a), 1-10.

49. Sadeghi, K., & Moctar H. I. (2023). Strong Column-Weak Beam Concept and Stiffness Factor Study for Moment Resisting Frames, *International Journal of Innovative Science and Research Technology, 8*(1), 1856-1861.

50. Sadeghi, K., & Mohamed, S. M. S. (2019). Characteristic constitutive laws of concrete under monotonic compression loading, *Academic Research International, 10*(2), 40-47.

51. Sadeghi, K., & Getachew, Y. (2019). Significant guideline for the damage indices applied to reinforced concrete structures, *Academic Research International, 10*(2), 29-39.

52. Sadeghi, K., & Abdi, S. (2019). Constitutive laws for confined concrete subjected to cyclic loading: State-of-the-art, *Academic Research International, 10*(2), 1-14.

53. Sadeghi, K., & Elasad, M. (2020). An overview of types, applications, design and fabrication of tension leg platforms, *Academic Research International, 11*(3), 1-9.

54. Sadeghi, K., Musa, M. K., & Nassrullah, H. M. (2019). Corrosion problems in RC structures: an overview of causes, mechanism, effects, controls and evaluation. *Academic Research International*, *10*(2), 15-28.

55. Sadeghi, K., & Musa, M. K. (2019). Semisubmersible platforms: design and fabrication: an overview, *Academic Research International, 10*(1), 28-38.

56. Sadeghi, K., & Dilek, H. (2019). An introduction to the design of offshore structures, *Academic Research International, 10*(1), 19-27.

57. Sadeghi, K., & Al-Othman, D. (2019). An introduction to onshore structures' construction. *Academic Research International*, *10*(1), 1-12.

58. Sadeghi, K., & Angın, M. (2018). Characteristic Formulas of Damage Indices for Reinforced Concrete Structures: A General Guideline. *Academic Research International*, *9*(3), 8-18.

59. Sadeghi, K., Muhammad, S. M., & Sofy, S. A. (2018). Constitutive laws for compression concrete under monotonic and cyclic loading: Characteristic models. *Academic Research International*, *9*(2), 11-23.

60. Sadeghi, K., Sarhad A., Zhiry H., Application of sheet piles in onshore and marine structures, *Asian Journal of Natural & Applied Sciences*, Japan, 7(1), March 2018, 10-18.

61. Sadeghi, K., & Guvensoy, A. (2018). Compliant tower platforms: A general guidance for analysis, construction, and installation. *Academic Research International*, *9*(1), 39-49.

62. Sadeghi, K., Abdullahi, I. S. & Albab, H. F. (2018). Classification of seawalls and their failure: An overview, *Academic Research International, Journal, 9*(1), 12-19.

63. Sadeghi, K., Derki, A., & Shlash, A. (2018). Dry docks: Overview of design and construction, *Academic Research International, Journal, 9*(1), 1-11.

64. Sadeghi, K., & Haladu, A. B. (2018). Offshore tower platforms: an overview of design, analysis, construction and installation. *Academic Research International*, *9*(1), 62-70.

65. Sadeghi, K., Al Haj Houseen, Q., & Abo Alsel, S. (2018). General guidance for design and construction of gravity platforms. *Asian Journal of Natural and Applied Sciences*, *7*(1), 19-27.

66. Sadeghi, K., & Tozan, H. (2018). Tension leg platforms: An overview of planning, design, construction, and installation. *Academic Research International*, *9*(2), 55-65.

67. Sadeghi, K., Akbil, Ö., & Angın, M. (2018). General guidance for planning and design of harbors. *International Journal of Scientific and Research Publications*, *8*(1), 128-134.

68. Sadeghi, K., Al-koiy, K., & Nabi, K. (2017). General guidance for the design, fabrication and installation of jack-up platforms. *Asian Journal of Natural & Applied Sciences*, *6*(4), 77-84.

69. Sadeghi, K., & Almuhisen, M. (2017). Concrete caisson breakwaters: An overview on design and construction. *Asian Journal of Natural & Applied Sciences 6*(4), 100-106.

70. Sadeghi, K., & Babolian, M. (2016). An overview and a WBS template for construction planning of medium-sized petroleum refineries. *Academic Research International*, *7*(2), 19-33.

71. Sadeghi, K., & Sadeghi, A. (2013). Local and microscopic damage indices applicable to RC structures and concretes subjected to cyclic loading. *International Journal of Academic Research*, *5*(4), 216-221.

72. Sadeghi, K., & Nouban, F. (2013). Numerical simulation of sea wave characteristics and its applications on Mediterranean Sea waters. *International Journal of Academic Research*, *5*(1), 126-133.

73. Sadeghi, K., & Nouban, F. (2010). A simplified energy based damage index for structures subjected to cyclic loading. *International Journal of Academic Research*, *2*(3), 13-17.

74. Sadeghi, K., & Nouban, F. (2010). A New Stress-Strain Law for Confined Concrete under Cyclic Loading. *International Journal of Academic Research*, *2*(4), 6-15.

75. Sadeghi, K., Dzayi, G. J., & Alothman, Z. (2017). An overview of generation, theories, formulas and application of sea waves. *Academic Research International*, *8*(4), 57-67.

76. Sadeghi, K., Al Haj Houseen, Q., & Abo Alsel, S. (2017). Gravity platforms: Design and construction overview. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)[Online]*, *7*(3), 6-11.

77. Sadeghi, K., Abdeh, A., & Al-Dubai, S. (2017). An overview of construction and installation of vertical breakwaters. *International Journal of Innovative Technology and Exploring Engineering, 7*(3), 1-5.

b)- As the Second Author:

78. Nouban, F., & Sadeghi, K. (2016). Rough estimation of breakwaters' materials required for construction of harbors. *Academic Research International*, *7*(3), 56-65.

79. Nouban, F., & Sadeghi, K. (2014). Analytical model to find the best location for construction of new commercial harbors. *Academic Research International*, *5*(6), 20-34.

80. Nouban, F., Sadeghi, K., & Abazid, M. (2017). An Overall Guidance and Proposition of a WBS Template for Construction Planning of the Template (Jacket) Platforms. *Academic Research International*, *8*(4), 37-56.

81. Muvunyi, Y., Sadeghi, K. (2025), Comparative Time-Dependent Study Of Corrosion In Reinforced Concrete And Tubular Steel Piles Under Cathodic Protection, Materials & Corrosion 5 (1), 01-06.

82. Muyiwa, O. A., & Sadeghi, K. (2007). Construction planning of an offshore petroleum platform. *Journal of Soc. & Applied Sciences*, *2*(4), 82-85.

83. Yassin, A., & Sadeghi, K. (2023). Structure Behaviour under Seismic loads using X-Bracing, Inverted V-Bracing Systems and without Bracing, *International Journal of Innovative Science and Research Technology, 8*(1), 1091-1098.

84. Alhodairy, Y. S., & Sadeghi, K. (2019). Application of artificial neural network to predict the wave characteristics to improve the sea waves and current forces applied on the jacket platform legs. *Journal of Pure & Applied Sciences*, *18*(4), 7-12.

85. Janvier De Thales, A. K. & Sadeghi, K. (2019). Causes of fatigue in offshore structures, *International Journal for Modern Trends in Science and Technology*, 7(7), 80-86.

86. Andaque, H. H. S., Sadeghi, K. (2023) Comparison Between Timber Concrete Composite Slab and Solid Slab for Residential Buildings, International Journal of Innovative Science and Research Technology, 8(5), 612-623.

c)- As the Third Author:

87. Fatemi, A. A., Tabrizian, Z., & Sadeghi, K. (2016). Non-Destructive Static Damage Detection of Structures Using Genetic Algorithm. *International Journal of Civil and Environmental Engineering*, *3*(3), 1-5.

88. Hashemi, S. S., Hemmat, M., Sadeghi, K., Vaghefi, M., & Masihzadeh, A. (2017). Numerical investigation of fillet welds effects on the ultimate strength and local buckling of box steel columns, *Malaysian Journal of Civil Engineering 29*(3), 289-306.

89. Nouban, F., French, R., & Sadeghi, K. (2016). General guidance for planning, design and construction of offshore platforms. *Academic Research International*, *7*(5), 37-44.

6.4. Articles presented at scientific seminars, conferences, and congress, published in proceedings

90. Sadeghi, K., Lamirault, J., & Sieffert, J. G. (1993, 24-26 March). Proposition de définition d'unindicateur de dommage: Troisième Colloque National, Génie parasismique et Aspects Vibratoires dan le Genie Civil. France, Paris, Volume II, 47- 56. [Published Conference proceedings].

91. Sadeghi, K. (1998, 12-16 October). Proposition of a damage indicator applied on R/C structures subjected to cyclic loading. *Fracture Mechanics of Concrete Structures Proceedings FRAMCOS-3*,

AEDIFICATIO Publishers, D-79104 Freiburg, Germany, Vol 1, 707-716. ISBN 3-931681-21-1. [Published conference proceedings book].

92. Sadeghi, K., & Aleali, S. A. (2008, 13-15 December). Applied technical proposal for planning, design and installation of offshore wind farms suitable for Persian Gulf, Oman Sea and Caspian Sea. *Eighth International Conference on Coasts, Ports & Marine Structures (ICOPMAS 2008),* Ports and Maritime Organization, Tehran, Iran, 40-44. [Published conference proceedings book].

93. Sadeghi, K. Nouban, F., Damdelen, O. "Analytical modeling of the characteristics of sea waves of the northern coastal zones of C. by applying a proposed simplified algorithm", the Second International Conference on Water Problems in Mediterranean Countries "WPMC2019", 7 May 2019.

94. Sadeghi, K. (2004, 29 November - 2 December). An analytical approach to predict downtime in Caspian Sea for installation operations. *Sixth International Conference on Coasts, Ports & Marine Structures (ICOPMAS 2004)*, Ports and Maritime Organization, Tehran, Iran, Vol. 1, 83-95. [Published conference proceedings book].

95. Sadeghi, K. (1998, 13-15 December). A new formulation of damage indicator for structures subjected to cyclic and monotonic loading. *Third International Conference on Coasts, Ports & Marine Structures (ICOPMAS98),* Tehran, Iran, Vol 1, 36-46.

96. Sadeghi, K., & Lamirault, J. (1993, 15-16 October 1993). A simulation procedure for the non-linear response of R/C columns under oriented lateral loading. *Construction 2000, International Symposium*. Cluj Napoca, Romania, Vol. 1, 145-152. [Published Conference proceedings].

97. Sayyari M., Sadeghi K., "Numerical Simulation for Elastic Design of piles under lateral loading", *Proceedings of The Third International Conference on Coasts, Ports & Marine Structures (ICOPMAS "98"),* Vol. 2, 171-181, Dec. 1998.

98. Sadeghi K., "Design & Construction of the Offshore Template Platforms", *Proceedings of the First Seminar of Port Construction*, Vol. 1, 36-65, Tehran, 1986.

99. Sadeghi, K. (2013, 6-8 November). An overview on design, construction and installation of offshore template platforms suitable for Persian Gulf Oil/Gas Fields. *First International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA2013).*

100. Sadeghi, K., French, R., & Sadeghi, A. (2014, 5-7 November). An Overview on Damage Indices Applied on the Structures Subjected to Cyclic Loading. *Second International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA 2014)*.

101. Nouban, F., & Sadeghi, K. (2013, 6-8 November). Assessment of ICZM application and requirements of master plan for construction of harbors in N. C. *The First International Symposium on Engineering, Artificial Intelligence and Applications, ISEAIA2013*.

6.5. Books published

102. Sadeghi, K. (2001). Coasts, Ports and Offshore Structures Engineering. *Power and Water University of Technology, Tehran, Iran*, 502 pages, ISBN: 964-93442-0-9.

103. Sadeghi, K. (1989). Design of Marine and Offshore Structures, Published by *K.N. Toosi University of Technology*, 1989, Tehran, 456 pages.

7. Academic positions:

2015 – Present	Prof. Dr., Head of the Department of Civil Engineering of the Institute of Graduate Education/Postgraduate Programs, Head of the Civil Engineering Department of the CEE Faculty. Responsible for staff and academics of the civil engineering undergraduate and postgraduate programs / Research duties for structural engineering/teaching courses of onshore and offshore structures, design of reinforced concrete structures, structural analysis, and plastic design of structures (Undergraduate, Master, and Ph.D. levels).

2005 – 2015	Founder and Head of Civil Engineering Department/Assoc. Prof. Dr. Responsible for accreditation and qualification of the civil engineering program, managing guidelines for staff and curriculum of the civil engineering undergraduate / Research duties for the structural engineering / teaching the courses design of steel structures, design of reinforced concrete structures, structural analysis and ultimate design of structures (Undergraduate level). See also the list of courses taught.
1995 – 2005	Research Vice-Rector, Dean of Faculty, Head of Dept./Assist. Prof. Responsible for the University research programs, staff, and academics of the civil engineering faculty, undergraduate and postgraduate programs, Research duties for the structural engineering/teaching courses of offshore structures, design of reinforced concrete structures, structural analysis, and ultimate design of structures (Undergraduate and Master levels). See also the list of courses taught.
2000 - 2001, 2005	Invited Professor/Asst. Prof. AUT (Amirkabir University of Technology). Teaching the courses "Design of Floating Platforms" and "Principles of Ports and Coastal Engineering" (Master's level).
1996 – 1997	Invited Professor/Asst. Prof., SUT (Sharif University of Technology). Teaching the course "Principles of Ports and Coastal Engineering" (Master's level).
1987 – 1990	Invited Professor/ Senior Lecturer, IUST (Iran University of Science and Technology). Teaching the courses "Offshore Structures" (Undergraduate and Master levels).
1986 - 1990	Invited Professor/ Senior Lecturer, K.N. Toosi University of Technology. Teaching the courses "Offshore Structural Design", "Pavement Design", and "Construction Materials" (Undergraduate level).

7. Other administrative assignments:

- Member of the committee for getting the accreditation for the BSc./MSc. for ASIIN accreditation
- University Executive Board Member
- Founder and Head of Civil Engineering Department
- Graduation School Board Member
- Vice-Rector in the Research Sector
- Dean of Engineering Faculty
- Head of Civil Engineering Department
- Project manager/engineering manager of onshore and offshore structural projects
- Structural technical consultant for buildings, industrial, and offshore structural projects
- Structural Engineer

8. Memberships in Scientific and Professional Organizations:

Date	Institution	Type of Membership
2019-present	International Journal of Advanced Engineering, Science and Applications: https://www.londontechpress.co.uk/index.php/ijaesa/about/editorialTeam	Editor-in-Chief
2014- present	International Journal of Coastal and Offshore Engineering https://ijcoe.org/page/13/Editorial-Board	Member of Editorial Board
2023- present	Computational Methods in Engineering Sciences, Journal https://cmes.ilam.ac.ir/journal/editorial.board?edbc=24217&lang=en	International Editorial Board
2023- present	Applied Researches in Water Engineering, Journal https://arwe.lu.ac.ir/journal/editorial.board?edbc=24432	International Editorial Board
2025- present	Civil And Geoengineering Letters Journal https://jcivilgeo.com/editorial-board.php	Member of Editorial Board
1988 -1990	First International Conference on Coasts, Ports & Marine Structures (ICOMPAS "90")	**Founder** & Chairman of the Organizing Committee and Chairman of the Scientific Committee

1994 -1996	ICOMPAS "96"	Chairman of Scientific Committee
1996-1998	ICOPMAS "98"	Chairman of Scientific Committee
2002-2004	ICOPMAS "2004"	Chairman of Scientific Committee
2004-2006	ICOPMAS "2006"	Member of Scientific Committee
2006-2008	ICOPMAS "2008"	Member of Scientific Committee
2008-2010	ICOPMAS "2010"	Member of Scientific Committee
2010-2012	ICOPMAS "2012"	Member of Scientific Committee
2012-2014	ICOPMAS "2014"	Member of Scientific Committee
2014-2016	ICOPMAS "2016"	Member of Scientific Committee
2016-2018	ICOPMAS "2018"	Member of Scientific Committee
2020-2022	ICOPMAS "2022"	Member of Scientific Committee
2023- present	1st International Conference on the Exchange of Scientific Information in the Fields of Concrete Structures and Materials http://www.icconcrete.net/cnf/organization	Member of Scientific Committee
2017-2018	7th World Conference on Applied Science, Engineering and Technology https://www.linkedin.com/posts/activity-6422110910747328513-4Ji_	Member of Organizing Committee
2019-2021	5th International Conference on Natural Resources and Sustainable Environment Management	Member of Scientific Committee

9. Organization of conferences:

Founder of the biannual International Conference on Coasts, Ports, and Marine Structures (ICOPMAS).

Founder of the Iranian National Code for Marine and Offshore Structures.

10. Awards:

Scientific Publication Award, 2021, 2019, 2018, 2017
Scientific Publication Award (DESEM2016), 2016
Award of Outstanding Professor, 1999
Letter of appreciation awarded by the Minister of Road & Transportation for well Organizing ICOPMAS98, 1998
Letter of appreciation awarded by TOTAL-FINA-ELF Company of France for good organizing of analysis and design of Kharg offshore water intake facilities for a petroleum refinery, 2003.

11. Academic Teaching background:

Taught courses:

- Finite Element Method
- Design of Onshore and Offshore Structures
- Design of Coastal and Harbor Structures
- Special Project
- Elasticity
- Dynamics of Structures
- Advanced Foundation Design
- Computer Application in Management
- Computer Application in Civil Engineering
- High Rise & Long-Span Structures
- Project Planning and Management
- Statics
- Strength of Materials
- Dynamics

- Structural Analysis 1 and 2
- Design of Steel Structures 1 and 2
- Project of Steel Structures
- Reinforced Concrete Structures 1 and 2
- Plastic Design of Structures
- Project of Reinforced Concrete Structures
- Computer Application in the Design of Structures
- Foundation Design
- Earthquake Engineering

12. International citations

h-index: 18	(on 04.02.2026)
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