

PERSONAL INFORMATION

Saeed Kia



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Sex Male | Date of birth 17/09/1983 | Nationality Iranian

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR PRP

Structural Engineer, Project Manager, BIM-CAD Engineer

PROFESSION

Civil Engineer

WORK EXPERIENCE

(2012 – Today)

Ministry of Roads and City Planning of Iran

Tehran Civil Engineering Organization ([www.tceo.ir](http://www.tceo.ir)) – Tehran - Iran

- Certification of Grade II in Construction and Supervision of Building – Part time

(January 2020 – Today)

Head of Engineering Department

Arvand Consultant Engineering Group (<http://www.arvandint.ir>) – Tehran - Iran

- Arvand CEE has the qualification and licence of the company in the comprehensive system of recognition of the factors of the technical and executive system of the presidency of Iran is as follows: industrial, military and commercial buildings, residential, port construction, marine structures, road and transportation, water and sewage, refinery units. Oil and gas, petrochemical industry units and material transfer lines – Full time.
- Some of projects are: Anzali Port Silo PETKUS - Ghalatban company, Amirabad Port Silo – PETKUS - Ghalatban company, Emam Port Silo – FAMSUN – NKF, Emam Port Oil fraction – NKF, Emam Port Oil Extraction – NKF, Emam Port Lecithin – NKF , Bandar-e Mahshahr Khuzestan Petrochemical, Coke Silo – Khozestan Steel Company, Dolomite Silo– KSC , Thickener – KSC, Industrial Buildings – Bandar Imam Petrochemical Complex, Emam Khomini Port over 10 industrial projects around 400 hectares, Astara Port design and supervision around 250 hectares building, facility, machinery and etc., Anzali Port design and supervision around 320 hectares building, facility, machinery and etc. and Amir Abad Port design and supervision around 450 hectares building, facility, machinery and etc.

(2021 – Today)

Engineering Consultant

Asad Tarh Consultant Engineering Group ([www.asadtarh.com](http://www.asadtarh.com)) – Tehran - Iran

- Road Engineering, Shop drawing, Project Management, BIM modelling – Part time

(2021 – Today)

Engineering Consultant

Mahat Tuseah Consultant Engineering Group ([www.mahabtuseah.ir](http://www.mahabtuseah.ir)) – Ahvaz - Iran

- Marin Structural , Shop drawing, Project Management, BIM modelling – Part time

(2018 – December 2019)

Project Manager

Kavir Industrial Group ([www.rpk.ir](http://www.rpk.ir)) – Tehran - Iran

- QC manager of factory located in Semnan – Full Time

- Project manager of Green Center in Niavaran area – Tehran – Full Time

(2017 – 2018) **Structural Expert**

Protek-Yapi Engineering Consultant Company has been proud of international cooperation with international organizations such as the United Nations and World Bank as well as internationally recognized NGOs. (<http://www.protek-yapi.com>)

- Vulnerability Assessment and Prioritized Investment Plan for Critical Assets in Dhaka – Bangladesh (World Bank, RAJUK) – Vesta Abadgeran Bimarz Engineering Consultancy Ltd – Tehran – Iran
- Development of Risk Sensitive Land Use Planning practice (RSLUP), DHAKA – Bangladesh (World Bank, RAJUK) – Vesta Abadgeran Bimarz Engineering Consultancy Ltd – Tehran – Iran – Full Time

(2016 – 2017) **EPCFO Manager**

Process International Group also name as Farayand Design Group was formed under the management of Dr. Azizi, whom received his doctorate in architecture in the university of Sapienza at Rome in 1980.

Process International Group Head center in located in Rome, Italy and have many branches around Globe such as Dubai (UAE), Tehran (Iran), Tbilisi (Georgia) & Beijing (China) ([www.processintgroup.com](http://www.processintgroup.com)).

- EPCFO manager of construction projects located in Tbilisi – Georgia – Full Time.

(2014 – 2016) **Engineering Consultant**

SAIPA - SEECO is the second largest Iranian auto manufacturer. SAIPA was established in 1966, with 75% Iranian ownership, to assemble Citroën's under license for the Iranian market ([www.seeco.ir](http://www.seeco.ir)).

- Some of projects are body Saloon II Part 1-2-3-4-5, bridge Rehabilitation, body saloon, SAIPA YADAK Central High Rise Building, Retaining Wall, SAIPA Khomein, Tuned Mass Damper (TMD), SAIPA Group, Friction Dampers, Structural Health Monitoring, Parskhodro SP Projects, SAIPA Press Projects, Plascokar SAIPA Durr Robotic Projects, Saipa Automotive Research and Innovation Center (Crash Test - Pedestrian Test).
- Structural expert, rehabilitation, industrial building and construction expert – Tehran – Iran – Full Time

(2014 – 2015) **Project Manager and CEO Assistance**

Iran Proving Ground Centre (PGT) (see: <http://pgttests.ir/>)

- PGT Co. is client of 850 hectares of proving ground which construct by Iranian contractor.
- PGT Co. consultant OBERMEYER Planen + Beraten GmbH (<http://www.opb.de/>)
- Construction manager and consultant, structural engineer and researcher – Tehran – Iran – Full Time

(2011 – 2012) **Structural Engineer**

BONYAD MASKAN (The Housing Foundation) was established in April 1979 as a non-governmental organization with the mandate to provide and build over 300,000 house units each year in Iran with over 20 companies under BONYAD holding.

- Research and development of new structural systems.
- BONYAD System Structure base on new mega quality building construction.
- Project management of BONYAD MASKAN around the country.
- New construction technology.
- Using of BIM technology for all construction projects – Tehran – Iran – Full Time .

(2010 – 2011) **Structural Engineer**

RAMAB Group of Consulting Engineers

RAMAB (Joint Stock) is member of Iranian Society of Consulting Engineers, FIDIC, UNDP, FCIC, IDB, and AICC which main headquarter is in Tehran, Iran. My main tasks are:

- Design water and waste water distribution network equipment
- Design of liquid retaining concrete structure from 5000 m3 up to 20000 m3
- Cost estimations
- Project management

(2007 – 2009) **Civil Engineer**

IRAN KHODRO Industrial Group is the first largest Iranian auto manufacturer.

Work as full time job, designing and project inspection of several practical projects such as:

- Steel Framework Structure

- Concrete Structure
- Equipment Foundation
- Equipment Support Structure
- Projects Cost Estimation
- Project Coordinating

(2008 – Today) **Structural Engineer**

Corporate with consultants and constructions companies in designing steel and concrete type structures such as:

- Marjan Kish 5 Towers 18 Store Steel Frame Buildings, Kish Island, Iran
- Over 8 Stores Buildings Steel and Concrete Frame Work, Tehran, Iran
- Re-design structures base on new construction technologies
- Weight optimization of structures base on new construction materials
- Cost estimations and project management applications such as Proma project, Tehran, Iran
- Design and Experimental Experiences in LSF, ICF, D2, 3D Panel, SMD and TSF

ACADEMIC EXPERIENCE

(2011 – Today) **Teacher Assistance and Researcher**

- Amirkabir University of Technology (AUT)
- Jahad Daneshgahi of Amirkabir University of Technology (AUT)
- Corporate with research projects which introduce by Iran Ministry of Industry, Mine and Trade. Institute teaching to undergraduate civil engineering students in different fields such as:
  - Autodesk Revit Architectural (Based on my published book)
  - Autodesk Robot Structural Analysis Professional (Based on my published book)
  - Design of Steel Structures
  - Design of Concrete Structures

EDUCATION

- (October 2015 – 2021) **PhD in Civil Engineering** GPA 18.83 out of 20.00
- Amirkabir University of Technology (AUT) - (Tehran Polytechnic) - World Rank: Top 3.2% Tehran, Iran
- Pending for Certification.
  - PhD Proposal Subject: Reliability Based Life Cycle Assessment of the Concrete Slab in Bridges
  - GPA 18.83 out of 20.00 and Ph.D Qualify Examination (out of 20) 18.5 (Grade A)
  - Advisor: Professor Ofer Meilich at California State University - USA
- (2011 – 2014) **M.Sc. in Construction Engineering and Management** GPA 18.50 out of 20.00
- Amirkabir University of Technology (AUT) (Tehran Polytechnic), Tehran, Iran
- Dissertation title: Processing Heuristics Optimization of RCR Base on Decrease Total Cost and Construction Scopes by RVB and BIM, score of dissertation: 20 (Grade A)
  - Thesis supported by Iran Ministry of Industry, Mine, and Trade
  - GPA 18.50 out of 20.00 (Grade A)
  - Certification Translated
- (2009 – 2012) **M.Sc. in Structural Engineering (Civil Engineering)** GPA 16.82 out of 20.00
- University of Sistan and Baluchistan (USB), Zahedan, Iran
- Dissertation title: Durability-Based Optimization of Reinforced Concrete Reservoirs Using Particle Swarm Algorithm
  - Score of dissertation: 19.83 (Grade A)
  - GPA 16.82 out of 20.00
  - Certification Translated
- (2010 – 2012) **Master of Business Administration (MBA)** GPA 17.26 out of 20.00
- College of Engineering, University of Tehran, Tehran, Iran
- One Year MBA
  - Dissertation title: The Process of International Negotiations Under Financing Construction Projects Based on Resource Based View

- Score of dissertation: 20 (Grade A)
- GPA 17.26 out of 20.00
- Certification Translated

(2002 – 2007) **B.Sc. in Civil Engineering** GPA 13.25 out of 20.00

- Islamic Azad University, Tehran, Iran
- GPA 13.25 out of 20.00
  - Certification Translated

(1997 – 2002) **High School Diploma in Mathematics and Physics** GPA 17.29 out of 20.00

- Tehran – Iran
- Certification Translated

(2018) **MONTANUNIVERSITAET LEOBEN**

Summer School, The Life Cycle of Materials in the Circular Economy, CirCOOL, Leoben, Austria.

(2018) **Peter the Great St.Petersburg Polytechnic University (SPbPU)**

Summer School, Energy Technology - Oil & Gas, St.Petersburg, Russia.

**PERSONAL SKILLS**

Mother tongue(s) Persian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
Turkish	A1	A1	A1	A1	A1
Replace with name of language certificate. Enter level if known.					
Arabic	B2	B1	B1	B1	B2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

- Computer skills**
1. PROGRAMMING:
    - MATLAB, C#, PHP, ASP.net, SQL, My SQL, and Visual Basic.
  2. BIM SOFTWARE PACKAGES:
    - Autodesk REVIT (Structure, Architectural, and MEP), Quantity Take-off and NavisWorks.
  3. STRUCTURAL ENGINEERING SOFTWARE PACKAGES:
    - Autodesk Robot Structural Analysis Professional, ANSYS, Abaqus, Adina System, SAP2000, ETABS, SAFE, TEKLA, X-Steel, and MS Project.
  4. SCIENTIFIC SOFTWARE PACKAGES:
    - Endnote, SPSS, WinEdt and TeX.
  5. GENERAL SOFTWARE PACKAGES:
    - Microsoft Office, Adobe and Lumion.

**Other skills** ▪ Problem-solving skills and good organizational skills. I like to be confronted with other people and new ideas. Determination, self-motivated. I would like to spend time working abroad

Driving licence ▪ Private vehicle driving licence, class B – Car owner

Interests ▪ Painting and Travelling

Sports ▪ Basketball  
▪ Climbing  
▪ Football

Social Media Developer ▪ PHP and ASP.net Developer  
▪ My SQL  
▪ Android Developer  
▪ Web Programming  
▪ Network Developer by Cisco system  
▪ Site Manager  
▪ Freelancer web support

#### ADDITIONAL INFORMATION

ISI Papers

- Kia, S., Shahhosseini, V., Sebt, M., and Meilich, O. (2020). Reliability-Based Life Cycle Assessment of the Concrete Slab in Bridges. *Civil and Environmental Engineering* 16, 1, 170-183, Available from: Sciendo <https://doi.org/10.2478/cee-2020-0017>, ISI.
- Optimization of the Infrastructure of Reinforced Concrete Reservoirs by a Particle Swarm Algorithm, S Kia, MH Sebt, V Shahhosseini, *Slovak Journal of Civil Engineering* 23 (1), 14-22, ISI.

Published Books

- Saeed KIA, "Reliability-based Life Cycle Assessment of Concrete Slab in Bridges: Reliability of Bridges", LAMBERT Academic Publishing, ISBN 6203581119, English, Germany, 2021, [Amazon](#).
- Saeed KIA, "Durability-Based Optimization of Reinforced Concrete Reservoirs", LAMBERT Academic Publishing, ISBN 978-3-659-91911-4, English, Germany, 2016, [Google book](#).
- Saeed KIA, "Practical Application of Autodesk Revit Structure 2011", Naghoos Publication, ISBN 0-74-5237-600-978, In Persian, Tehran, Iran, 2010.
- Saeed KIA, "Practical Application of Structural Design and Analysis by Autodesk Robot Structural Analysis Professional 2012", Naghoos Publication, ISBN 9-78-9643-775-322 In Persian, Tehran, Iran, 2012.

International Journal Papers

- Kia, Saeed and Etehadi, Sina and Sebt, Mohammad Hasan and Shahhosseini, Vahid,1395, Interaction of Marketing with Project Health Monitoring of Construction Industry in Capital Cities: Case Study Tehran,3National Conference on Development of Civil Engineering, Architecture, Electricity and Mechanical in Iran, Gorgan, <https://civilica.com/doc/527862>
- "Optimization of the Infrastructure of Reinforced Concrete Reservoirs by a Particle Swarm Algorithm", Walter de Gruyter GmbH, (2015), Vol 23, No 1: 14-22
- Optimization of Reinforced Concrete Reservoir with Circumferential Stiffeners Strips by Particle Swarm Algorithm, GR Havaei, S Kia - *Journal of Structural and Construction Engineering*, 2015
- Noori, Seyed Mohammad Amin and Banki, Mohammad Taghi and Kia, Saeed,1393, IMPACT OF LIFE CYCLE ASSESSMENT IN CONSTRUCTION COST AND ENVIRONMENTAL,8th National Congress On Civil Engineering, Babol, <https://civilica.com/doc/296427>
- Hosseinzadeh, Mohsen and Sebt, Mohammad Hassan and Shahhosseini, Vahid and Kia, Saeed,1393, Fuzzy Analytic Hierarchy Process in Environmental Management and Estimating Construction Waste Generation Index in Building Construction Projects; Case Study Tehran,1st National Conference on Development of Civil Engineering, Architecture, Electricity and Mechanic.
- KIA, Saeed and Shahhosseini, Vahid,1392, Durability Based Optimization of Gravity Structure Dams by ABC Optimization Algorithm, international conference on civil engineering, architecture and Urban Sustainable Development, Tabriz, <https://civilica.com/doc/274763>
- Ghasemi, Mohammad Reza and KIA, Saeed,1391, CONCRETE RESERVOIRS OPTIMIZATION BY PRISMATIC STIFFENERS USING PARTICLE SWARM ALGORITHM,4th International Conference on Seismic Retrofitting (Earthquake Engineering and new Technology on Retrofitting, Tabriz, <https://civilica.com/doc/206944>
- Saeed, K. and M.R. Ghasemi, 2012. Durability-based optimization of reinforced concrete reservoirs using artificial bee colony algorithm. *Global J. Res. Eng.*, 12: 9-18.
- Saeed, K. and M.R. Ghasemi, 2012. Modeling and shape optimization of reinforced concrete reservoirs using particle swarm algorithm. *Int. J. Civil Struct. Eng.*, 2: 1107-1121.

## International Conferences Papers

- KIA, Saeed and Ghasemi, Mohammad Reza,1392, Multi-Objective Optimization of Gravity Dams by Artificial Bee Colony Algorithm,7th National Congress on Civil Engineering, Zahedan, <https://civilica.com/doc/217463>.
- Saeed, K. and Havaei, Optimization of semi-buried concrete tanks for holding fluids by particle assembly algorithm and prismatic reinforcement sheath published, the Journal of Construction and Construction Engineering (2014).
- Saeed KIA, et all, Comparative comparison of the methods of stabilization of the bed of lubricating soils with the help of jet grouting, piles in place and micro piles presented in the 5th International Conference on Civil Engineering, Architecture and Urban Management (2022).
- Saeed KIA, et all, Analysis and calculation of plasticity ratio and coefficient of behaviour in composite industrial sheds with the help of peripheral prismatic concrete wall presented in the 6th International Conference on Civil Engineering, Architecture and Urban Management (2022).
- Saeed KIA, et all, Parametric investigation of SPT index in coastal areas and bed improvement with the help of jet grouting method presented in the 6th International Conference on Civil, Structural and Earthquake Engineering (2021).
- Saeed KIA, et all, Examining the seismic demand models of maximum relative spatial change between floor diaphragms of reinforced concrete bending frames with wide beams with the help of shape optimization presented in the first international conference on civil engineering, architecture and sustainable green city (2016).
- Saeed KIA, et all, investigating financial problems in design and construction projects and presenting operational solutions presented in the third international conference on civil architecture and urban planning at the beginning of the third millennium (2016).
- Saeed KIA, et all, Optimization of geometric parameters of wide beams of reinforced concrete bending frames due to the theory of failure curves presented in the fourth national conference of recent achievements in civil engineering, architecture and urban planning (2016).
- Saeed KIA, et all, The effect of geometrical factors affecting the additional load curves of reinforced concrete bending frames with wide beams presented in the fourth national conference of recent achievements in civil engineering, architecture and urban planning (2016).
- Saeed KIA, et all, The use of intelligent concrete in the elements of concrete structures with the perspective of economic effects and the life cycle of the project presented in the National Conference on Research and Development in Civil Engineering, Architecture and Modern Urbanism (2016).
- Saeed KIA, et all, Risk assessment of tunnel execution contracts with TBM device by fault tree analysis presented in the first national conference on key topics in civil engineering, architecture and urban planning in Iran (2015).
- Saeed KIA, et all, Interaction of Marketing with Project Health Monitoring of Construction Industry in Capital Cities: Case Study Tehran presented in the third nationwide conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2015).
- Saeed KIA, et all, Analysis and investigation of the force displacement curve in slab and wall structures presented in the third national conference on the central development of civil engineering, architecture, electricity and mechanics in Iran (2015).
- Saeed KIA, et all, Analysis and calculation of ductility ratio and behaviour coefficient in slab and wall structures presented in the third national conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2015).
- Saeed KIA, et all, The case of exploring the place of risk management in public-private partnership PPP construction projects presented in the third national conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2015).
- Saeed KIA, et all, Examining the stiffness of tunnel frames in high-rise structures by force displacement curve with the help of dynamic analysis method presented in the national conference of technology and technology in civil engineering, architecture, electricity and mechanics (2015).
- Saeed KIA, et all, Investigation of pavement with the help of super strong concrete base and sub-base with steel fibres in the asphalt pavement of Iranian roads presented in the national conference of technology and technology in civil engineering, architecture, electricity and mechanics (2015).
- Saeed KIA, et all, The application of high-strength rolled concrete with steel fibres in the life cycle of a road with high durability in a functional road in the automotive road test industry presented in the third national conference on civil engineering and sustainable development of Iran (2016).
- Saeed KIA, et all, Analysis and investigation of the stability index and dominant oscillation modes in slab and wall structures presented in the second national conference on key topics in civil engineering, architecture and urban planning in Iran (2015).
- Saeed KIA, et all, The methods of restraining intermediate walls in order to reduce their destructive structural effects were presented in the 4th national conference on the central development of civil engineering, architecture, electricity and mechanics in Iran (2015).
- Saeed KIA, et all, Analysis and investigation of the effect of vibration modes on the dynamic



- behaviour of shell elements of buried tanks presented in the fourth national conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2015).
- Saeed KIA, et all, Investigating the effect of changing the dimensions of buried concrete tanks on the optimization of materials and the interaction of shell elements presented in the fourth national conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2015).
  - Saeed KIA, et all, Examination of the soft floor in reinforced concrete frames with intermediate frames of building materials presented in the 4th national conference on the central development of civil engineering, architecture, electricity and mechanics in Iran (2015).
  - Saeed KIA, et all, Investigating the seismic behaviour of combined slit and TADAS dampers in beam-to-column connection and obtaining the best mode in c and b changes presented in the 7th National Conference and the 2nd International Conference on Structure and Steel (2015)
  - Saeed KIA, et all, Investigating the seismic behaviour of combined slit and tadas dampers in beam-to-column connection and obtaining the best case in c and b changes presented in the 4th National Conference of Applied Researches in Civil Engineering, Architecture and Urban Management (2015).
  - Saeed KIA, et all, Investigating the seismic behavior of combined slit and tadas dampers in beam-to-column connection and obtaining the best mode in t change presented in the 4th National Conference of Applied Researches in Civil Engineering, Architecture and Urban Management (2015).
  - Saeed KIA, et all, The use of intelligent concrete in the elements of concrete structures with the perspective of economic effects and the life cycle of the project presented in the 10th International Congress of Civil Engineering (2014).
  - Saeed KIA, et all, Durability monitoring of high-strength intelligent fiber concrete elements in urban concrete structures, a case study of buildings in Tehran , presented at the International Conference on New Achievements in Civil Engineering, Architecture, Environment and Urban Management (2014).
  - Saeed KIA, et all, Asbestos alternatives for sustainable construction presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, The use of the FUZZY expert system in the solid waste management of the city of Tehran based on sustainable development presented in the first national congress of construction engineering and evaluation of construction projects (2013).
  - Saeed KIA, et all, The use of the resulting value management system in the management of Karun Grand Bridge, the 4th largest bridge in the country, presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Selection and optimal use of machines presented in the first national congress of construction engineering and evaluation of construction projects (2013).
  - Saeed KIA, et all, Familiarity with BOT contracts and risk assessment of contracts with this approach presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Investigating the challenges of providing financial resources in design and construction projects and providing operational solutions presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Examining the necessity of equipment capabilities of contracting companies presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Investigating the role of the procurement process in the delays of EPC projects based on the case study of the delays of the 35-month refinery construction projects in South Pars, presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Investigating the effects of the environmental and economic life cycle of bridges using UHPFRC concrete presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Investigation of delays in the implementation phase of the life cycle of construction projects presented in the first national congress of construction engineering and evaluation of construction projects (2013).
  - Saeed KIA, et all, Recognizing, examining and preventing contractual claims and disputes presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et all, Risk management in the methods of financing the portfolio of two-factor construction projects presented in the first national congress of construction engineering and evaluation of construction projects (2013).
  - Saeed KIA, et all, Investigating the construction of heliostatic power plant in Bushehr city in comparison with Bushehr nuclear power plant presented in the first national congress of construction

- engineering and evaluation of civil projects (2013).
- Saeed KIA, et al, Repair of steel structures with FRP patches presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et al, Investigating infrastructure projects with sustainable development criteria of small recreational and passenger ports presented in the first National Congress of Construction Engineering and Evaluation of Civil Projects (2013).
  - Saeed KIA, et al, Life cycle cost evaluation of UHPFRC and conventional concrete bridge machines presented in the 8th National Civil Engineering Congress (2013).
  - Saeed KIA, et al, IMPACT OF LIFE CYCLE ASSESSMENT IN CONSTRUCTION COST AND ENVIRONMENTAL IMPACTS presented in the 8th National Congress of Civil Engineering (2013).
  - Saeed KIA, et al, Application of neural network in MIS system information management of civil infrastructure projects presented in the first nationwide conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2013).
  - Saeed KIA, et al, Fuzzy Analytic Hierarchy Process in Environmental Management and Estimating Construction Waste Generation Index in Building Construction Projects; Tehran Case Study presented in the first national conference on the development of civil engineering, architecture, electricity and mechanics in Iran (2013).
  - Saeed KIA, et al, Investigating the engineering specifications and construction management of LSF light steel structures and its role in improving the construction indicators presented in the first national conference on structural engineering in Iran (2013).
  - Saeed KIA, et al, Optimization of semi-buried concrete reservoirs for holding fluids by particle assembly algorithm and prismatic reinforcement sheath presented in the first national conference of structural engineering of Iran (2013).
  - Saeed KIA, et al, Multi-Objective Optimization of Gravity Dams by Artificial Bee Colony Algorithm presented in the 7th National Congress of Civil Engineering (2012).
  - Saeed KIA, et al, Comparison of the behavior of ultra-strength concrete with UHPFRC steel fibers with NSC and HPC presented in the first national conference on construction materials and new technologies in the construction industry (2012).
  - Saeed KIA, et al, Examining the conditions and requirements of paving the country's roads with the help of roller concrete or mixed roller concrete in the country based on climatic conditions and the economy of the project presented in the National Conference of Applied Civil Engineering and New Achievements (2012).
  - Saeed KIA, et al, Comparison of the cost and time of construction of metal earthen structures with other bridge construction methods with a view to the intersection of Bagheri-Babaei highways presented in the National Conference of Applied Civil Engineering and New Achievements (2012).
  - Saeed KIA, et al, Application of artificial intelligence network in construction project management presented in the National Conference of Applied Civil Engineering and New Achievements (2012)
  - Saeed KIA, et al, The construction and installation methods of pre-stressed pre-stressed bridge parts and its effect on increasing efficiency and reducing costs with a look at the construction method of the pillars of the Sadr project presented in the National Conference of Applied Civil Engineering and New Achievements (2013).
  - Saeed KIA, et al, Investigating the place of value engineering and the importance of its implementation in construction projects presented in the International Conference on Civil Engineering, Architecture and Sustainable Urban Development (2012).
  - Saeed KIA, et al, Investigation of the reinforcement model in strengthening the structures built with building materials presented in the international conference on civil engineering, architecture and sustainable urban development (2012).
  - Saeed KIA, et al, Durability Based Optimization of Gravity Structure Dams by ABC Optimization Algorithm presented in the International Conference on Civil Engineering, Architecture and Sustainable Urban Development (2012).
  - Saeed KIA, et al, The application of the particle assembly algorithm in the optimization of concrete reservoirs holding fluids by the peripheral reinforcement sheath presented in the 9th International Congress of Civil Engineering (2013).
  - Saeed KIA, et al, Optimizing infrastructure facilities of Mehr housing projects with the help of particle assembly algorithm presented in the second national crisis management conference (2013).
  - Saeed KIA, et al, CONCRETE RESERVOIRS OPTIMIZATION BY PRISMATIC STIFFENERS USING PARTICLE SWARM ALGORITHM Presented at the 4th International Reinforcement Conference (2011).
  - Saeed KIA, et al, Application of Ant Community Algorithm in Optimizing Concrete Tanks Holding Fluids by Prism Reinforcement Sheath Presented in the First International Conference and the Third National Conference on Dams and Hydroelectric Power Plants (2019).
  - Saeed KIA, et al, The methodology of channel industry based on e-business in VRM subspace presented in the 5th International Conference on Information and Communication Technology



Management (2017).

**PATENTS**

- “Composite Neural Network Stripe for Intelligent Health Monitoring of Civil Strategic Infrastructures”, Iran Patents, Industrial Designs and Trademarks Organization, Ongoing, 2020.
- “Self-Compacting Composite Concrete Deck”, Iran Patents, Industrial Designs and Trademarks Organization, Ongoing, 2021.

**WORKSHOP SPEAKERS**

- DURBILITY BASED STRUCTURAL HEALTH MONITORING, The Big5, Middle East Concrete and PMV Live, 20-24 November 2016, Dubai International Exhibition Centre, Dubai, UAE.
- IMPROVING CONSTRUCTION SUPPLY CHAIN MANAGEMENT, The Big5, Middle East Concrete and PMV Live, 17-20 November 2014, Dubai International Exhibition Centre, Dubai, UAE.
- STRUCTURAL HEALTH MONITORING OF INTELLIGENT INFRASTRUCTURE, The Big5, Middle East Concrete and PMV Live, 17-20 November 2014, Dubai International Exhibition Centre, UAE.

**MEMBERSHIPS**

- Iran Professional Engineers Organization recognize member since 2009 (# 10-3-063604).
- Iranian Young Research Club (YRC) recognize member since 2010 (# 25109004).
- Iranian Expert NGO recognize member since 2010 (# 198416).
- Iranian National Retrofitting Center (INRC) recognize member since 2010
- Iranian Society of Steel Structures (ISSS) recognize member since 2010. (# 158).
- American Concrete Institute (ACI) student recognize member since 2010 (# 01040302).
- American Society of Civil Engineers (ASCE) Associate Member since 2013 and student recognize member since 2009 (# 440448).
- American Welding Society (AWS) student recognize member since 2010 (# 2014187).
- The Institution of Structural Engineers (IStructE) student recognize member since 2010. (# 088375576).
- Institute of Civil Engineers (ICE) student recognize member since 2009 (Membership No. 62788427).
- International Association of Engineers (IAENG) recognize member since 2010 (#107796).
- Engineers without Borders – International student recognize member since 2010 (Colorado University).
- The International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII) student recognize member since 2011.
- Project Management Institute (PMI) student recognize member since 2013 (#2786454).
- Member of the Scientific Committee - Jury of the Second National Conference on Development of Civil Engineering, Architecture, Electricity and Mechanics in Iran (2014).

**Seminars**

- “Training Workshop of Light-weight and Insulated Autoclave Sponge Concrete (AAC Blocks) “by Iran Building and House Research Center (BHRC) and Technical University of Berlin, Tehran, Iran, 2010.
  - “Training Workshop of the Floating Floor “by Iran Building and House Research Center (BHRC) and Technical University of Berlin, Tehran, Iran, 2010.
  - “Training Workshop of the Mixed System of Exterior Thermal Insulation (ETICS) “by Iran Building and House Research Center (BHRC) and Technical University of Berlin, Tehran, Iran, 2010.
  - “Training Workshop of Introducing the Insulation Methods “by Iran Building and House Research Center (BHRC) and Technical University of Berlin, Tehran, Iran, 2010.
  - “Principle and Application of Evaporative Coolers Training Course “by Iran Building and House Research Center (BHRC), Tehran, Iran, 2010.
  - “Chimney Design and Implementation of Regulations on Building “by Iran Building and House Research Center (BHRC), Tehran, Iran, 2010.
  - “Training Seminar of Steel Construction Industry in Japan “by Iran Building and House Research Center (BHRC), Tehran, Iran, 2010.
  - “Conventional and New Types of Building Facades “by Iran Building and House Research Center (BHRC), Tehran, Iran, 2010.
  - “Heat Facilities, Air Exchange and Ventilation “by Iran Building and House Research Center (BHRC), Tehran, Iran, 2010.
- \* Note: Building and House Research Center (BHRC) Certifications is under license of The IRAN Ministry of Housing and Urban Development (IMHUD).*
- “Building Modeling and Analysis by Etabs and Safe Software “by Iran Khodro Training Institute, Tehran, Iran, 2007.
  - “Quality Management (ISO) “by Iran Khodro Training Institute, Tehran, Iran, 2008
  - “Developing Structure Model by CAD “by Iran Khodro Training Institute, Tehran, Iran
  - “Health and Safety at Work (HSE) “by Iran Khodro Training Institute, Tehran, Iran, 2008.
  - “5S System “by Iran Khodro Training Institute, Tehran, Iran, 2008.

- "Customer Cares and Essential Managers "by Iran Khodro Training Institute, Tehran, Iran
- "Construction Management "by Iran Khodro Training Institute, Tehran, Iran, 2007.
- "E-Commerce "by University of Tehran, Tehran, Iran, 2007.
- "Project Management "by Iran Khodro Training Institute, Tehran, Iran, 2007.
- "Sales Systems "by Iran Khodro Training Institute, Tehran, Iran, 2007.
- "Networking "by Tehran Technical Complex, Tehran, Iran, 2005.
- "Seismology and Seismic Networks "specialized workshop and training course by International Institute of Earthquake Engineering and Seismology (IIES), Tehran, Iran, 2010.
- World Research Journal of Civil Engineering, Bioinfo Publication, International Journal, India, USA, since 2015.
- Independent Journal of Management & Production (IJM&P), International Journal, Brazil, since 2015.
- Lawrence Press Pvt. Ltd., International Publication in India and USA, since 2016.
- Sydney Institute for Skills, Sydney, Australia, 2018

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ONLINE REFERENCES

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- Google Scholar ▫ <https://scholar.google.com/citations?user=mYzawrlAAAAJ&hl=en>
- CIVILICA ▫ <https://civilica.com/p/217450/>
- LAWRENCE Press ▫ <http://lawrencepress.com/member/dr-saeed-kia-2/>
- ORCID ▫ <https://orcid.org/0000-0003-0390-2379>
- Live DNA ▫ <https://livedna.net/?dna=98.11965>
- ELMNET ▫ <https://elmnet.ir/author/saeed-kia>
- Amazon ▫ <https://www.amazon.com/Reliability-based-Cycle-Assessment-Concrete-Bridges/dp/6203581119>
- Google Book ▫ [https://books.google.de/books/about/Durability\\_Based\\_Optimization\\_of\\_Reinfor.html?id=Yy0hnQAA\\_CAAJ&redir\\_esc=y](https://books.google.de/books/about/Durability_Based_Optimization_of_Reinfor.html?id=Yy0hnQAA_CAAJ&redir_esc=y)

ANNEXES

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Replace with list of documents annexed to your CV. Examples:

- copies of degrees and qualifications;
- testimonial of employment or work placement;
- publications or research.