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**Academic Curriculum Vitae**

**Personal Information:**

Full Name: Feirusha S. M. Kakshar

Academic Title: Asst. Professor

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**Education:**

* 2005: (Ph. D in Engineering Sciences, Specialty; Building and Constructions, Structural Engineering, Ukrainian State Academy of Railway Transport, 2005. KNAME, kname.edu.ua & KART, kart.edu.ua, Kharkiv-Ukraine. The title of the Dissertation is: Rationalization of Wall-Beams' Parameters.
* 1997: (M.Sc. in Industrial and Civil Engineering – Structural Engineering). KNAME, kname.edu.ua, Kharkiv – Ukraine. The title of the thesis is 52 Place Rest House in Erbil city-Iraq.
* 1995: (B.Sc. in Industrial and Civil Engineering, Kharkov State Municipal). KNAME, kname.edu.ua, Kharkiv – Ukraine.

**Employment:**

* 2005 Decider of Civil Engineering Department Salahaddin University.
* 2005-2008 Assistant of Dean for Administration Affairs, Salahaddin University, college of engineering.
* 2007-2010 Head of Committee for Zanko's New Village Project.
* 2008-2010Member of Engineering Consulting Bureau, Salahaddin University,
* 19.11.2011-11.2013 Director of Salahaddin University Bureau for the design of New Campus Project.
* 2016-2018 Director of the scientific affairs and post Graduate unit
* 2018-2023 Director of the Engineering Consulting Bureau

**Qualifications**

* Taking a course in methods of teaching, 1994-1996.
* Taking a course in methods of teaching, 2003.
* Taking a course in structures lab (equipment and machines), 2011.
* Taking a training course in structures lab in Italy, 2012.

Languages Skills:

* Kurdish: native language (ILR- Level 5)
* English: Professional working proficiency (ILR- Level 3-4)
* Russian: Native or bilingual proficiency (ILR- Level 5)
* Persian: Native or bilingual proficiency (ILR- Level 5)
* Arabic: Limited working proficiency (ILR- Level 2)
* Azari: Limited working proficiency (ILR- Level 2)

**Teaching experience:**

* Oriental Studies Oriental Studies and International Relations, Kharkov-Ukraine.
* Concrete Technology, Building Materials, Salahaddin University, college of eng.
* Descriptive Geometry
* Engineering Mechanics
* Mechanics of Materials
* Matrix Analysis of Structures
* Theory of Plates and Shells -MSc.
* Theories of Failure and Structural Optimization – PhD.

**Research and publications**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Title | Authors | Journal | Conference | No | Year | Internet Link |
| 1 | Control of the Stress State of Beam-Walls with Openings | Shmukler V.S., Berezhnaya E.V., **Kakshar Feirusha** |  | Resource-Economic Materials, Structures, Constructions and Buildings- Rivno-Ukraine | 6 | 2001 |  |
| 2 | Control of Stress State of Beam-Walls | Shmukler V.S., **Kakshar Feirusha** | **KNUEA** Building Scientific Journal |  | 13 | 2001 |  |
| 3 | Stress State Analysis for Local Compression | **Kakshar Feirusha** | **KNUEA** Building Scientific Journal |  | 14 | 2001 |  |
| 4 | Question Analysis for Beam-Walls in Civil Engineering | **Kakshar Feirusha** | **زانكؤى** KNAME  Науково-технічний збірник |  | 30 | 2001 |  |
| 5 | Nonlinear Analysis of Deformable Beam-Walls. | Gusakov V.N., Shmukler V.S., **Kakshar Feirusha** |  | Reconstruction of Structures and Buildings-International Conference, Kiyv-Ukraine | 54 | 2001 |  |
| 6 | Experimental Researches of the Stress-Strain State of Beam-Walls | Shmukler V.S., **Kakshar Feirusha** | **KNUEA**  Building Scientific Journal |  | 17 | 2002 |  |
| 7 | Control of Beam-Walls' Parameters | Shmukler V.S., **Kakshar Feirusha**, Vassim Ismael. | **KNUEA**  Building Scientific Journal |  | 29 | 2004 |  |
| 8 | Rationalization of Wall-Beams' Parameters | Shmukler V.S., **Kakshar Feirusha** |  | FIB Congress, Naples, Italy | 2 | 2006 |  |
| 9 | Rationalization Criteria of Structure’s Parameters | Shmukler V.S, **Kakshar Feirusha,** Beregna K. V., Ismail Vassim | Zanco Journal |  | 6 | 2010 |  |
| 10 | Investigation Of The Strain Energy Density Around Opening In Concrete Wall | **Kakshar Feirusha** | International Journal of Civil and Environmental Engineering, IJCEE/IJENS, |  | 6 | 2011 | http://ijens.org/IJCEE%20Vol%2011%20Issue%2006.html |
| 11 | Finite Element Investigation of Stress Concentration Factor in the Concrete Wall with Openings | **Kakshar** **Feirusha**, Soran T. H. | Asian Transaction on Engineering |  | 2 | 2012 | http://www.asian-transactions.org/Journals/Vol02Issue02/ATE/ATE-30207024.pdf |
| 12 | Rational Design of Retaining Walls | Babaev V.N.., Shmukler V.S., **Feirushah S.H**., Kalmikov O.A.,  Zinchenko V.M., Ehsanullah | JOURNAL OF APPLIED & EMERGING SCIENCES Balochistan University of Quetta |  | 1 | 2012 | http://journal.buitms.edu.pk/j/index.php/bj/article/view/29 |
| 13 | Experimental Tests of Eccentrically  Compressed Reinforced Concrete  Elements Strengthened by Transverse Steel Plates | Soran Tofiq Hama Rahim, **Feirusha S. H. (Kakshar)** | International Journal Of Scientific Research |  | 2 | 2013 | http://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/articles.php?val=OTE5&b1=245&k=62 |
| 14 | Simulation Of 3DModeled Box Culvert And Search The Maximum And Minimum Values ​​Of The Principal Stresses | **Feirusha Kakshar** | KNAME  Науково-технічний збірник |  | 120 | 2015 | http://eprints.kname.edu.ua/40464/1/1.pdf |
| 15 | Rationalization of the Parameters for Wall and Roof Sandwich Panels, | E. Lugchenko, **Feirusha S. H.,** P. Reznik, E. Petrova, | Zanco Journal | International Conference on Engineering and Innovative Technology, SU-ICEIT | 1 | 2016 | http://iceit2016.su.edu.krd/documents/abstract/ICEIT-6.pdf |
| 16 | Analysis of Stress-Strain State of Spherical Roof Shell. | V. Babaev, V. Shmukler, **Feirusha S. H.,** S. Grebenchuk, L. Gaponova, O. Kalmykov, | Zanco Journal | International Conference on Engineering and Innovative Technology, SU-ICEIT | 1 | 2016 | http://iceit2016.su.edu.krd/documents/abstract/ICEIT-7.pdf |
| 17 | About the possibility for control of nature of seismic effect of bulky material on lateral surfaces | V. S. Shmukler1, **Feirusha S. H.,** O. Kalmykov, R. Khalife | Zanco Journal | **ISSN (print ):**2218-0230**, ISSN (online):** 2412-3986**,** | 31(s3) | 2019 | **DOI: http://dx.doi.org/10.21271/zjpas** |
| 18 | Formation of the Topology of a Complex Constructive Structure in a Multicriteria Problem | V. S. Shmukler  **Feirusha S. H.,**  О. I. Lugchenko  A. H. Nazhem | *SU-ICEIT 2019* | International Conference on Engineering and Innovative Technology | 2 | 2019 |  |
| 19 | Theoretical Investigation of Stresses and Displacement in RC Annular Slabs | **Feirusha S. H,** Abdullah M. Abdal | International Journal of Engineering Research and Technology | ISSN 0974-3154, Volume 12, Number 6 (2019) | 6 | 2019 | http://www.irphouse.com |
| 20 | Experimental Test Method for Structures Under the Impact of Temperature Actions | Valeriy Shmukler, **Feirusha Salih Hamad**, and Petro Reznik | Proceedings of CEE 2019 | Springer Nature Switzerland AG 2020 |  | 2020 | <https://doi.org/10.1007/978-3-030-27011-7_48> |
| 21 | Experimentally and Numerical Investigation on Behavior of Annular RC Slabs under Ring Loading | Abdullah M. Abdal  **Feirusha S. H.** | QALAAI ZANIST SCIENTIFIC JOURNAL | ISSN 2518-6566 (Online) - ISSN 2518-6558 (Print) | Vol. (5), No (2), | 2020 | Doi:10.25212/lfu.qzj.5.2.31 |
| 22 | Ancient Mesopotamian Stone Bridge: Numerical Modeling and Structural assessment. | **Feirusha S. H.** | Shock and Vibration | ISSN: 1070-9622 (Print) ISSN: 1875-9203 (Online) | Vol. 2022 | 2022 | https://doi.org/10.1155/2022/4255354 |
| 23 | Comparative Analysis of Topology of Manhole Covers | **Feirusha S. H.**  Zana Qadir Mohamad | BJEAS | p-ISSN: 2518-2706 | Vol. 4  Issue 1 | 2021 |  |
| 24 | Experimental and Analytical Investigation on Bond Behavior of Sand Coated GFRP Bars with Concrete | Zana Qadir Mohamad  **Feirusha S. H.** | Zanco Journal | ISSN (print):2218-0230, ISSN (online): 2412-3986, |  |  |  |

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