Personal Data

Name: Salem Farman Salman

Date of Birth: 1955

Place of Birth: IRAQ, BAQUBA

Nationality: IRAQ

General Specialization: Mechanical Engineering

Specialization: Truck Design/ Applied Mechanic

Certificate and scientific title: Ph.D. Assistant Professor

Date of obtaining the certificate: 1993

Previous work: University professor at various Arab universities from 1994-2012

Current work: Assistant Professor - College of Engineering - University of Diyala - Iraq. Competent return program from 2014 until now

Current interests: scientific research and scientific and educational supervision

Email: dr_alizi@yahoo.com Phone number: 009647722050281

Qualification

-PH.D. in Technical science (Contraction of Automobile), Moscow, Automobile and Road Construction Institute, Russia 1993.

From-To	Job Title	Place	Work
2004-2012	Assistant Professor	Misurata university	1-Teaching undergraduate courses in Mechanical Engineering. 2-Supervising undergraduate final year projects. 3-Supervising of quality and control in Mechanical Department
2002-2004	Assistant Professor	Higher Institute of Technology Algaraboli	1-Teaching undergraduate courses in Mechanical Engineering. 2-Supervising undergraduate final year projects. 3-I was invited as a lecturer to give a course for 45 days in improving the qualification and skills for technical teaching teachers.
1994-2001	Lecture	Faculty of Engineering Nasser University	1-Teaching undergraduate courses in Mechanical Engineering. 2-Supervising undergraduate final year projects. 3-Superviser of quality and control in Mechanical Department.

-Thesis Title: Improving the Efficiency of the Frame System in Heavy Trucks by Calculation the Effect of Variable Stresses on Theme.

-M.Sc. in Mechanical Engineering, Volgograd Polytechnic Institute Volgograd, CCCP 1985. Thesis Title: Modifying the System and Efficiency of the Break in Heavy Vehicles. -B.Sc. in Mechanical Engineering, 1984.

Professional Experience:

2011-2012		Faculty of Engineering University of Al-Jabal Al-Gharbi.	I was invited to give a course in Mechanical Engineering. For one semester.
2012-2013		Institute of Technology, Misurata City, Libya	I was invited to give a course in Mechanical Engineering, for one semester.
2014-Till now		college of Engineering-Diyla University.	Head of Mechanical Department.

Teaching Experience

	Course Name	No.of semesters.
1	Design of Machine Elements, Tow parts	14 Years
2	Theory of Machines	13 Years
3	Stress Analysis	2 Year

4	Strength of Material	3 Years
5	Descriptive Geometry&Machines Drawing	10 Years
6	Statics & Dynamics	4 Years
7	Science of Measurements	2 Year
8	Tribology	2 semester
9	Engineering Drawing	4 Years
10	Internal combustion engines	2 semester
11	Linear algebraic	2 semester
12	Mathematics	4 semester
13	Fluid mechanics	2 semester
14	Vibrations	2 semester

15. postgraduate students.

16 Theory of plasticity postgraduate

Administrative tasks

-Teacher within the professional education staff from 1978- 1987

-Faculty member/Mechanical Department/Faculty of Engineering/Nasser University/Libya for the period 1994-2001

-Head of the Mechanical Engineering Department and a member of the previous college council from 1996- 1998

-Member of the teaching staff at the Higher Industrial Institute from 2001- 2004 / Al- Qarbouli / Libya

-Member of the teaching staff at the Faculty of Engineering, Misurata University from 2004-2012 / Misurata / Libya

-In addition to the above, the Quality Assurance Officer in the same college

-In addition to the above tasks, I was hosted as a visiting professor in different institutes and colleges for the purpose of giving lectures in mechanical design and other engineering materials as shown in the attached table

-I have been teaching at the College of Engineering, University of Diyala, since 2014 until now, after my re-appointment within the program for the return of Iraqi competencies from abroad

-Head of the Mechanical Engineering Department at the College of Engineering / University of Diyala from 2014-

Publications

* Papers

-Field research over the shortcoming of using fuel station (efficiency and rationalization) and discussing this research in local scientific conference 1986.

-Testing the efficiency of heavy machinery in agricultural lands. The research was published in the magazine of scientific affairs at the Polytechnics Institute in Volgograd city No.183 in 1985.

-Studying the effect of vibrations because of unpaved roads on frame system. The research was published in the cars factories of soviet heavy industries in 1992, series No.8.

-Probing the means to obtain the best performance and efficiency for tanker cars used in (Fire Cars .The research was published in the (labor) magazine of Russian Interior Ministry, series No.42 of 1992.

-Scientifically research in faculties of engineering and necessity of the globalization of the Arab Engineers,The research was discussed in the 25th conference for Arab Engineers Tripoli-Libya 16-18/2OO9.

-The influence of ambient temperature on the gas turbine power plant performance.The research was discussed in the 2-nd scientific conference

of engineering sciences. Iraq- Univercity of Diyla 16-17/12/2015.

-The effect of magnetic water on scale deposition1917.

- EVALUATION OF THE RESIDUAL STRESSES IN ADVANCED COMPOSITE CERAMIC COATINGS USING X-RAY IFFRACTION TECHNIQUES.
INTERNATIONAL SCIENTIFIC JOURNAL "MACHINES. TECHNOLOGIES. MATERIALS." WEB ISSN 1314-507X; PRINT ISSN 1313-0226

- Effect of Road Profile on Suspension System of Heavy Truck
Salem F. Salman Material Engineering Department, University of Diyala, 32001Diyala, Iraq
Email address: dr_alizi@yahoo.com **Diyala Journal of Engineering Sciences Vol. 12, No. 02, June 2019, pages 71-75 ISSN 1999-8716**
DOI: 10.26367/DJES/VOL.12/NO.2/7 eISSN 2616-6909

- Flexural strength of composite Materials Reinforced by Kevlar Fiber and Aluminum Oxide Nano-particles

- Prediction of Cutting Tool Performance with Double Rake Geometry Using Finite Element Technique.

* Books

1-A Book in Descriptive Geometry, 2016.

2-In process: A book Concerning Machines Design.

Assis.prof.Dr.

SALEM FARMAN SALMAN