**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](mailto: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.