Curriculum Vitae

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| ***Name:* Dr. GHANIM SH. SADIQ**  ***Date of Birth:* 4 JUNE 1971, KIRKUK, IRAQ**  ***Marital Status:* Married** | ghanim photo |

***Nationality:* Iraqi**

***Email:*** [**ghanim\_sadiq@yahoo.com**](mailto:ghanim_sadiq@yahoo.com)

***Telephone:*** +964 - 7702537378

***Permanent Address****:* - **Iraq–Baghdad**

***Languages:* Arabic [read, write, speak level 5/5]**

**English [read, write, speak level 4/5]**

**Turkish [read, write, speak level 4/5]**

***License:***

* **Iraqi**
* **International**

***Degrees:***

**2004. PhD in Mechanical Engineering; Baghdad University, Baghdad. Iraq**

**Achieved a very good mark level.**

**1997. M.Sc. in Mechanical Engineering, Al-Nahrain University, Baghdad, Iraq**

**Achieved first in class mark level.**

**1993. B.Sc. in Mechanical Engineering; Al-Nahrain University, Baghdad, Iraq**

**Achieved sixth in class mark level.**

***Specialization:***

**Mechanical Engineering [Nano materials, Vibration, Composite materials, Mechanical system design, Design].**

***Present Positions:***

* **University Instructor & Staff Member, Mechanical Engineering Department, Al-Nahrain University Baghdad.**

***Practical Experience:***

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| **From** | **To** | **Place of work** | **Position /Activation** |
| **July – 1991** | **September - 1991** | **Baghdad Factory for Pepsi-Cola Production** | **Sub staff / Training in maintenance work shop** |
| **August -1993** | **November -1994** | **Car Maintenance Factory** | **Engineering team leader / Manufacturing and repair parts of car Motors** |
| **February – 1995** | **June – 1997** | **Al-Nahrain University –Mechanical Engineering Department** | **Engineering supervisor /Training the laboratories staff on concepts of different mechanical tests** |
| **October - 1998** | **June – 2000** | **Baghdad University – Nuclear Engineering Department** | **Academic lecturer / computer programming, static and dynamic analysis for B.Sc. student** |
| **July -2000** | **August -2005** | **Baghdad University – Mechanical Engineering Department** | **Academic lecturer / computer programming, advance dynamic analysis for M.Sc. student** |
| **January -2012** | **till now** | **AL-Nahrain University ,College of Engineering** | **Lecturer/mathematics, engineering mechanics-Dynamic, mechanical system design, Composite Materials, Vibration.** |

***Last Official Position:***

* **Permanent member of teaching staff at the Mechanical Engineering Department, Al-Nahrain University.**

***Contract negotiator:***

**Assisted in number of project negotiation (Technically and financially), Sales, mechanical designs and staff management. I have gained a great of knowledge in operation style of the American and European corporation, task achiever, and management problem solving**

***Academic Experience:***

* **Teaching College Mathematics including functions, limits, continuity, differentiation, and integration, Vector and Vector Field and Polar Coordinates – first year in Mechanical and Departments – Al-Nahrain University.**
* **Teaching Mechanics of Engineering (DYNAMIC) - second year in Mechanical and Departments – Al-Nahrain University.**
* **Teaching Vibration including free vibration degree of freedom, forced vibration with damping and without damping– Third year in the Mechanical -engineering department; Al-Nahrain University.**
* **Teaching Mechanical System including – Fourth year in the Mechanical -engineering department; Al-Nahrain University.**
* **Supervisor of the Committee quality in the Department of Mechanical Engineering, Al-Nahrain University.**
* **Member of the Committee Mechanical Engineering, Al-Nahrain University.**
* **6 years of teaching at the Mechanical Engineering Department,**

**Al-Nahrain University as follow:**

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| 1. **5-years mechanical system design** | |
| 1. **3 years Mathematics** | |
| 1. **5-year dynamic** | |
| 1. **2-year vibration** 2. **2-years Engineering Elasticity** 3. **1- year Theory of Plates and Shells** | |
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***Professional Production:* Published Paper**

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| No. | **TITEL** | PUBLISHED IN | Year | VOL. , NO. |
| **1**  1 | A Suggested Analytical and Numerical Solutions for Dynamic Stresses and Deformations of Thick Cylinders Subjected to Time Dependent Loading | مجلة كلية الهندسة – جامعة بغداد | March  2000 | VOL.1 ,  ISSUE 20 |
| **2**  2 | Thermal and external load effects on static bending simply supported circular cylindrical composite shell | المؤتمر العلمي الخامس لكلية الهندسة جامعة بغداد | 2003 | - |
| **1**  3 | NUMERICAL AND EXPERIMENTAL ANALYSIS OF TRANSIENT EMPERATURE AND RESIDUAL THERMAL STRESSES IN FRICTION STIR WELDING OF ALUMINUM ALLOY 7020-T53 | ARPN Journal of Engineering and Applied Sciences | OCTOBER 2016 | VOL. 11,  ISSUE 19 |
| **4** | Effect of layers Arrangement to leaf Springs  Made from composite materials | IJARET | APRIL 2016 | VOL. 3,  ISSUE 2 |
| **5** | Investigation of physical and micro structure properties of copper reinforced with micro ceramic particles (Aluminum oxied) by using powder metallurgy. | CPGR 2017 | DESAMBER 2017 | - |
| **6** | Effect of heat treatment on mechanical properties and sheet deep draw ability on 1060 aluminium alloy sheet metal | CPGR 2017 | DESAMBER 2017 | - |
| **7** | Effect of Laser Shock Energy on Surface Hardness and Tensile Strength of 6061-T6 Aluminum Alloy | International Journal of Advance Engineering and Research  Development | January -2018 | VOL. 3, ISSUE 2 |

***Organization:***

**Member – Iraqi Engineers Union 1993 - present**

**Member–Association of University Lecturers- Iraq 2004 – present**

**Member – Iraqi ITC "Iraqi Technical Committee" 2014– present**