**(( السيـــــــــــرة الذاتيـــــــــــــة((   
 1. المعلــــومات الشخصيــــة :  
 ـ الاســــــــــــــــــــم : سلمان خيون خضر الدريساوي   
 ـ الجنـــــــــــــــــس : ذكر ـ الحالة الاجتماعية : متزوج   
 ـ الجنســـــــــــــــية : عراقية ـ الديانة : مسلم  
 ـ تاريخ ومكان الميلاد : 02 / 01 / 1986  
 ـ العنــــــــــــــــوان : العراق- واسط - كوت – حي الزهراء**



صوره شخصية

**E.MAIL:** [**Salman.khayoon@mtu.edu.iq**](mailto:Salman.khayoon@mtu.edu.iq)

**ـ اللغة الأم : العربية ، اللغات الأخرى : اللغة الانكليزية ( قراءة ، كتابة ، تكلم ، فهم )**

**ـ اللقب العلمي: مدرس**

**ـ الوظيفة الحالية: أستاذ جامعي**

**2. الشهادات العلمية(المؤهـــــلات الأكاديمية) :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ت** | **الدرجة العلمية**  **( دكتوراه ، ماجستير ، بكالوريوس )** | **الكلية** | **الجامعة** | **البلد** | **سنة الحصول على المؤهل** |
| **1.** | **ماجستير** | **الهندسة** | **جامعة خواجون للعلوم والتكنلوجيا** | **الصين** | **2016** |
| **2.** | **بكالوريوس** | **الهندسة** | **جامعة واسط** | **العراق** | **2010** |
| **3.** |  |  |  |  |  |

**3. الوظائف التي شغلها:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ت** | **الوظيفة** | **تاريخ الالتحاق بها** | **الكلية/الجامعة** |
| **1** | **موظف** | **08- 02- 2006** | **المعهد التقني كوت- الجامعة التقنية الوسطى** |
| **2** | **مقرر قسم تقنيات الموارد المائية** | **2017-2019** | **المعهد التقني كوت- الجامعة التقنية الوسطى** |
| **3** | **مقرر قسم تقنيات البناء والانشاءات** | **2019 - 2022** | **المعهد التقني كوت- الجامعة التقنية الوسطى** |

**4. الخبـــــــــــــــــــــــــــــرة (**الخبرات الاكاديمية و التخصصية)**:**

* **التدريس في التعليم العالي :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ت** | **المادة الدراسية** | **المرحلة** | **القسم** | **الكلية / المعهد** | **السنة الدراسية** |
| **1.** | **ثرموداينمك** | **الاولى** | **تقنيات القوى** | **معهد التقني كوت** | **2016-2017** |
| **2.** | **ميكانيك هندسي** | **الاولى** | **تقنيات الري والبزل** | **معهد التقني كوت** | **2016-2017** |
| **3.** | **رياضيات** | **الاولى** | **تقنيات الري والبزل** | **معهد التقني كوت** | **2017-2018** |
| **4.** | **حاسبات** | **الاولى** | **تقنيات الري والبزل** | **معهد التقني كوت** | **2017-2018** |
| **5.** | **ميكانيك هندسي** | **الاولى** | **تقنيات البناء والانشاءات** | **معهد التقني كوت** | **2018 –Up to date** |
| **6.** | **لغة انكليزية** | **الثانية** | **تقنيات البناء والانشاءات** | **معهد التقني كوت** | **2018 –Up to date** |

* **الخبرات العلمية و التطبيقية:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ت** | **ملخص الخبرة** | **الجهة المستفيدة** | **السنة** |
| **1.** | **تقييم عمل معمل ثلج** | **نقابة مهندسين** | **2020** |
| **2.** | **تقييم اضرار في معمل طابوق** | **نقابة المهندسين** | **2022** |
| **3.** | **تقييم أداء مكائن** | **نقابة المهندسين** | **2022** |
| **4.** | **تقييم كفاءة تصميم منظومات مياه** | **نقابة المهندسين** | **2023** |
| **5.** |  |  |  |

* **الأستشارات في مجال التخصص:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ت** | **ملخص الاستشارة** | **الجهة المستفيدة** | **السنة** |
| **1.** |  |  |  |

* **الخبرات الادارية:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ت** | **ملخص الخبرة الأدارية** | **الجهة المستفيدة** | **السنة** |
| **1.** |  |  |  |

**5 . الـدورات و الموتمرات و ورش العمل :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ت** | **اسم الدورة/ المؤتمر/ الورشة** | **مكان الانعقاد** | | | **تاريخ انعقادها** |
| **الكلية** | **الجامعة** | **البلد** |
| **1.** | **دورة في كيفية استخدام برنامج ANSYS** | **معهد تقني** | **التقنية الوسطى** | **العراق** | **2017** |
| **2.** | **دورة في كيفية استخدام برنامج لحساب التصاريفANSYS** | **معهد تقني** | **التقنية الوسطى** | **العراق** | **2018** |
| **3.** | **دورة في كيفية استخدام برنامج ماتلاب** | **معهد تقني** | **التقنية الوسطى** | **العراق** | **2019** |
| **4.** | **دورة في كيفية استخدام برنامج التحليل الاحصائي SPSS** | **معهد تقني** | **التقنية الوسطى** | **العراق** | **2020** |
| **5.** | **دورة في مجموعة برامج الاوفس** | **نقابة المهندسين** | **خارج جامعة** | **العراق** | **2021** |
| **6.** | **دورة الصيانة في الازمات** | **معهد تقني** | **التقنية الوسطى** | **العراق** | **2022** |
| **7.** | **دورة في استخدام برنامج SPSS** | **معهد تقني** | **التقنية الوسطى** | **العراق** | **2023** |

**6. البـحوث و الدراسات المنجزة المنشورة و التي في الانـجــــــــــاز :**

|  |  |  |  |
| --- | --- | --- | --- |
| **ت** | **عنوان البحث/ الدراسة** | **مفرد / مشترك** | **مجلة النشر** |
| **1.** | [crack modeling and detection in rotating system by using different fem beam](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:d1gkVwhDpl0C) | **مشترك** | **Journal of Research** |
| **2.** | [Bearing Fault Diagnosis Based on W P T and Automatic Reconstruct the raw signal with FE and BRA of artificial neural network](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:qjMakFHDy7sC) | **مشترك** | **Journal of Research** |
| **3.** | [simulation of heat transfer in a heat exchanger tube with inclined vortex rings](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:2osOgNQ5qMEC) | **مشترك** | **J. of Engineering** |
| **4.** | [Crack investigation by employing finite element method with fuzzy logic tool for a steel cantilever rod](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:u-x6o8ySG0sC) | **مشترك** | **J. of Engineering** |
| **5.** | [Make a Decision to use AHP for the Selection of Materials and Designs for Minimizing Environmental Impacts by the POPE Lawn Mower Manufacturing](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:UeHWp8X0CEIC) | **مشترك** | **J. of Engineering** |
| **6.** | [Numerical investigation on enhancement of heat transfer using rod inserts in single pipe heat exchanger](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:W7OEmFMy1HYC) | **مشترك** | **Journal of Mechanical Engineering and Sciences** |
| **7.** | [Effect of cutting parameters on surface residual stresses in dry turning of AISI 1035 alloy](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:IjCSPb-OGe4C) | **مشترك** | **Journal of the Brazilian Society of Mechanical Sciences and Engineering** |
| **8** | [Eco-friendly coffee-based colloid for performance augmentation of solar stills](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:Y0pCki6q_DkC) | **مشترك** | **Process Safety and Environmental Protection** |
| **9** | [Computational Fluid Dynamic Study on Oil-Water Two Phase Flow in A Vertical Pipe for Australian Crude Oil](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:YsMSGLbcyi4C) | **مشترك** | **Journal of Advanced Research in Fluid Mechanics and Thermal Sciences** |
| **10** | [Numerical Investigation to Asses and Optimize Performance of Flat Plate Solar Collector by Using Different Working Fluid](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:WF5omc3nYNoC) | **مشترك** | **Journal of Advanced Research in Fluid Mechanics and Thermal Sciences** |
| **11** | [Investigation of Dry Tribo-Behavior of Aluminum Alloy AA6061/Al2O3/Graphite Composites Synthesized by Stir Casting Technique.](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:roLk4NBRz8UC) | **مشترك** | **Revue des Composites et des Matériaux Avancés** |
| **12** | [High mechanical performance of 3-aminopropyl triethoxy silane/epoxy cured in a sandwich construction of 3D carbon felts foam and woven basalt fibers](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:LkGwnXOMwfcC) | **مشترك** | **Nanotechnology Reviews** |
| **13** | [ELECTROMAGNETIC PROPERTIES, FORMING LIMIT DIAGRAMS AND FRACTURE TOUGHNESS OF LAMINATED Al/Fe2O3 COMPOSITES](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:hqOjcs7Dif8C) | **مشترك** | **Surface review and letters** |
| **14** | [An Experimental Artificial Neural Network Model: Investigating and Predicting Effects of Quenching Process on Residual Stresses of AISI 1035 Steel Alloy](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:Se3iqnhoufwC) | **مشترك** | **Journal of harbin institute(New series)** |
| **15** | [Investigation the effect of surface treatment on the mechanical properties of coating](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:UebtZRa9Y70C) | **مشترك** | **Pollack Periodica** |

**7. المهـــــــــــــــــــــــــــــارات :**

* **استخدام الحاسوب والرامج الهندسية.**

**8. الهوايــــــــــــــــــــــــــــــات :**

* **القراءة, الرياضة**

**9. الجمعيات و النقابــــــــــات :**

* **عضو نقابة المهندسين العراقية فرع واسط**
* **عضو نقابة الاكاديميين العراقية**
* **10. الاخـــــــــــــــرى :**

**Curriculum Vitae**

**1.**  **Personal information** **:**   
 - **Name: Salman Aldriasawi**



- **Permanent Address**

**E.MAIL:** [**Salman.khayoon@mtu.edu.iq**](mailto:Salman.khayoon@mtu.edu.iq)- **Place and date of Birth:**. 02-01- 1986  
 - **Place of Residence:** Iraq - Wasit  
- **Nationality: Iraqi**

**- Sex: Male**

-  **Social status: Married**

-  **Mother Tongue: Arabic ; Other Language: Englesh (read, write, speak & understand).**

**- Scientific Title : Lecturer**

**- Current job: University prof.**

**2.** **Academic Qualifications:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Degree**  **(PhD ; Mas ; BSC)** | **College** | **University** | **Country** | **Year of qualification** |
| **1.** | **M.Sc.** | **engineering** | **Huazhong University of Science & Technology** | **China** | **2016** |
| **2.** | **B.Sc.** | **engineering** | **Wasit** | **Iraq** | **2010** |
| **3.** |  |  |  |  |  |

**3. Jobs filled:**

|  |  |  |  |
| --- | --- | --- | --- |
| **NO** | **Occupation** | **Joining Date by** | **College / university** |
| **1** | **Trainer** | **2006** | **Kut Technical Institute** |
| **2** | **Coordinator of Water resource Dep.** | **2017 - 2019** | **Kut Technical Institute** |
| **3** | **Coordinator of Building Dep.** | **2019 - 20222** | **Kut Technical Institute** |
| **4** |  |  |  |

**4. Experience (academic and specialized):**

**• Teaching in higher education:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Subject**  **Stage**  **Section**  **College / Institute**  **school year** | **stage**  **Stage**  **Section**  **College / Institute**  **school year** | **Section**  **Section**  **College / Institute**  **school year** | **College/Institute** | **Year** |
| **1.** | **Thermodynamics** | **First** | **Applied mechanics** | **Kut Technical Institute** | **2016-2017** |
| **2.** | **Engineering mechanics** | **First** | **Water resource Dep.** | **Kut Technical Institute** | **2016-2017** |
| **3.** | **Mathmatics** | **First** | **Water resource Dep.** | **Kut Technical Institute** | **2017-2018** |
| **4.** | **Computer** | **First** | **Water resource Dep.** | **Kut Technical Institute** | **2017-2018** |
| **5.** | **Engineering mechanics** | **First** | **Building &Construction Dep.** | **Kut Technical Institute** | **2018 –Up to date** |
| **6.** | **English** | **Second** | **Building &Construction Dep.** | **Kut Technical Institute** | **2018 –Up to date** |

**• Scientific and applied expertise:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **The beneficiary** | **Summary of experience** | **No.** |
| **2020** | **Engineering union** | **Assessments an ice factory** | **1.** |
| **2022** | **Engineering union** | **Assessments a black factory** | **2.** |
| **2022** | **Engineering union** | **Assessments machinery** | **3.** |
| **2023** | **Engineering union** | **Assessments R.O water** | **4.** |
|  |  |  | **5.** |

* **Counseling in the field of specialization:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **The beneficiary** | **Summary of Counseling** | **No.** |
|  |  |  | **1.** |
|  |  |  | **2.** |

* **Administrative experience:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **The beneficiary** | **Summary of Administrative experience** | **No.** |
|  |  |  | **1.** |

**5.**  **Courses, conferences and workshops** **:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Courses, Conferences / workshops Name** | **Place** | | | **Date of session** |
| **College** | **University** | **Country** |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |
| 7. |  |  |  |  |  |
| 8. |  |  |  |  |  |
| 9. |  |  |  |  |  |

**6. Research & Studies were published & in achievement :**

|  |  |  |  |
| --- | --- | --- | --- |
| No. | **Research /study Title** | Single / Shared | Publishing Journal |
| 1. | [crack modeling and detection in rotating system by using different fem beam](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:d1gkVwhDpl0C) | Shared | **Journal of Research** |
| 2. | [Bearing Fault Diagnosis Based on W P T and Automatic Reconstruct the raw signal with FE and BRA of artificial neural network](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:qjMakFHDy7sC) | Shared | **Journal of Research** |
| 3. | [simulation of heat transfer in a heat exchanger tube with inclined vortex rings](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:2osOgNQ5qMEC) | Shared | **J. of Engineering** |
| 4. | [Crack investigation by employing finite element method with fuzzy logic tool for a steel cantilever rod](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:u-x6o8ySG0sC) | Shared | **J. of Engineering** |
| 5. | [Make a Decision to use AHP for the Selection of Materials and Designs for Minimizing Environmental Impacts by the POPE Lawn Mower Manufacturing](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:UeHWp8X0CEIC) | Shared | **J. of Engineering** |
| 6. | [Numerical investigation on enhancement of heat transfer using rod inserts in single pipe heat exchanger](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:W7OEmFMy1HYC) | Shared | **Journal of Mechanical Engineering and Sciences** |
| 7. | [Effect of cutting parameters on surface residual stresses in dry turning of AISI 1035 alloy](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:IjCSPb-OGe4C) | Shared | **Journal of the Brazilian Society of Mechanical Sciences and Engineering** |
| 8. | [Eco-friendly coffee-based colloid for performance augmentation of solar stills](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:Y0pCki6q_DkC) | Shared | **Process Safety and Environmental Protection** |
| 9. | [Computational Fluid Dynamic Study on Oil-Water Two Phase Flow in A Vertical Pipe for Australian Crude Oil](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:YsMSGLbcyi4C) | Shared | **Journal of Advanced Research in Fluid Mechanics and Thermal Sciences** |
| 10. | [Numerical Investigation to Asses and Optimize Performance of Flat Plate Solar Collector by Using Different Working Fluid](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:WF5omc3nYNoC) | Shared | **Journal of Advanced Research in Fluid Mechanics and Thermal Sciences** |
| 11. | [Investigation of Dry Tribo-Behavior of Aluminum Alloy AA6061/Al2O3/Graphite Composites Synthesized by Stir Casting Technique.](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:roLk4NBRz8UC) | Shared | **Revue des Composites et des Matériaux Avancés** |
| 12. | [High mechanical performance of 3-aminopropyl triethoxy silane/epoxy cured in a sandwich construction of 3D carbon felts foam and woven basalt fibers](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:LkGwnXOMwfcC) | Shared | **Nanotechnology Reviews** |
| 13. | [ELECTROMAGNETIC PROPERTIES, FORMING LIMIT DIAGRAMS AND FRACTURE TOUGHNESS OF LAMINATED Al/Fe2O3 COMPOSITES](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:hqOjcs7Dif8C) | Shared | **Surface review and letters** |
| 14. | [An Experimental Artificial Neural Network Model: Investigating and Predicting Effects of Quenching Process on Residual Stresses of AISI 1035 Steel Alloy](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:Se3iqnhoufwC) | Shared | **Journal of harbin institute(New series)** |
| 15. | [Investigation the effect of surface treatment on the mechanical properties of coating](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=PWYztSwAAAAJ&citation_for_view=PWYztSwAAAAJ:UebtZRa9Y70C) | Shared | **Pollack Periodica** |
|  |  |  |  |

**7. skills :**

* **Utilizing engineering software & computer**

**8.**  **The Hobbies :**

* **Reading, Sports**

9. Associations and unions :

* Engineering union
* Academic union

**10.** **Others**: