

## PERSONAL INFORMATION

**Dr. Zuhair H. Obeid**

د. زهير حمد عبيد عبدالله

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 <https://www.facebook.com>

Sex Male Nationality Iraqi

## WORK EXPERIENCE

1997-2001 present

**Mechanical engineering**

Technical college al-musaib

Pumping Engineering Technology ,Babylon , Al-mussaib city str.al-mshrooa-22

2001-2007

**Business or sector** Education

Mechanical engineering technician, at Technical Institute of Al-mussaib

## EDUCATION AND TRAINING

1-07-2001

**B.Sc. Pumping Equipment Engineering Techniques**

بكالوريوس هندسة مضخات من الكلية التقنية المسيب

University Al-wasta Polytechnic -Technical College Al-musaib, Babylon (Iraq)

- General
- Descriptive Geometry, Mathematics, Fluid Mechanics , Thermodynamics, Metallurgy
- Occupational.
- Programmatic Training , Design laboratory

2008-2010

**Master of mechanical Engineering , General Mechanics ,**

ماجستير في الهندسة الميكانيكية من ماليزيا

University tenaga nasional-Malaysia , (Malaysia)

General.

- Mechanical Engineering Analysis, Noise and vibration control, Advanced Engineering Mathematics, Failure Analysis, Mechanics Composite Material and Advanced Material Processes Occupational.
- Teaching many subjects such as Mechanics of engineering , Thermodynamics.

2013-2016

**Ph.D of Mechanical Engineering ,general mechanics ,****POLITEHNICA University of Bucharest Romania .**

دكتوراه في الهندسة الميكانيكية من رومانيا

The title of thesis is **Use of the Bioethanol at the Turbocharged Spark Ignition Engines .**

The study in internal combustion engine field . the courses study include :

- **Internal combustion engine .processes.**
- **Supercharging of the spark ignition engine.**
- **Aspect of alcohol use at the turbocharged spark ignition engine .**

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Organisational / managerial skills

**2001-2008**

-University Al-wasta Polytechnic, Technical college al-musaib Pumping Engineering Technology, Babylon, Iraq.

- Supervision of I.C.E laboratory.
- Supervision of Fluids laboratory.
- Supervision of workshop (Automobiles Engineering Department).
- Supervision of drawing of mechanical.
- Supervision of pumps laboratory.

**2010-2013**

- Technical Institute of Al-mussaib, Babylon - Iraq.

- Lecturer in Automobiles Engineering Department.

one of University Al-wasta Polytechnic staff - Technical Institute of Al-mussaib staff as e lecturer teaching many subjects such as Mechanics of engineering ,Internal Combustion Engine ,Thermodynamics, drawing of mechanical and supervision of many laboratories

Job-related skills

Team work: I have worked in various types of teams , Has successfully participated in advanced training course (MODERN CAR TECHNOLOGY ENGINE MANAGEMENT & BRAKE SYSTEM) Training programmer for Iraqi participants in Egypt ,maintenance for may laboratories faculty .

- good command of quality control processes .

Computer skills

1-CSI (Computer training course): University of Babylon, Certification for using the computer for many programs such as windows, dos, Power point, word, excels. good command of Microsoft Office™ tools  
2-Passed successfully the examination in English language (ITI)

Driving licence

B

ADDITIONAL INFORMATION

## Publications

**(البحوث المنشورة في مجلات عالمية)**

**1- OBEID Zuhair H. Obeid** -Effect of distances between multiply sources of thermal pollution on temperature distribution in open- channel-Journal of Babylon University.

**2-OBEID Zuhair H. Obeid**, PANA Constantin, NEGURESCU Niculae, CERNAT Alexandru, Researches Regarding the Use of Bioethanol at the Supercharged Spark Ignition Engine, Applied Mechanics and Materials, Trans Tech Publications, Switzerland, Vol. 659/2014, pp. 217-222.

**3-Zuhair OBEID**, Alexandru CERNAT ,Constantin PANA, Niculae NEGURESCU, Aspects of the bioethanol use at the turbocharged si engine, Thermal Science, Issue 4, vol. 19, 2015, ISSN 0354-9836, According to Thomson Scientific Citation Index list, current citation impact factor of Thermal Science journal is 1.222 (2014), published online 13-12-2015.

**4-OBEID Zuhair H. Obeid**, PANA Constantin, NEGURESCU Niculae, CERNAT Alexandru, Iulius Bondoc, Theoretical and Experimental Research Regarding the Use of Bioethanol at the Supercharged Spark Ignition Engine, Applied Mechanics and Materials, Trans Tech Publications, Switzerland, Vol. 822 (2016) pp 190-197.

**5- Zuhair Obeid**,PANA Constantin, Alexandru Cernat, Niculae Negurescu, Cristian Nutu, COMPARISON OF CYCLE VARIABILITY BETWEEN GASOLINE AND E20 FUELLING OF A SUPERCHARGED SPARK IGNITION ENGINE ,U.P.B.Sci.Bull.,D,Mechanical Engineering, ISSN 1454-2358, (BDI).

**6- Analysed statistically Modelling and Optimization of Laser Machining by Response Surface Methodology .MATEC Web Conf. Volume 153, 2018 ,26 February 2018 ,**

## Conferences

**(المؤتمرات الدولية)**

**1-OBEID Zuhair H. Obeid**, PANA Constantin, NEGURESCU Niculae, CERNAT Alexandru, Iulius Bondoc, Theoretical and Experimental Research Regarding the Use of Bioethanol at the Supercharged Spark Ignition Engine, Proceedings of SMAT 2014 3rd International Congress, SMAT2014-APP38, Craiova, România, under FISITA patronage.

**2-Nikolaos Cristian Nuțu**, Constantin Pană, Niculae Negurescu, Alexandru Cernat, Ionel Mirică, **Obeid Zuhair**, Experimental study of liquefied petroleum gas use to fuel a truck diesel engine, în Proceedings of TE RE RD 2015, Posada Vidraru, Argeș, România.

**3-Obeid Zuhair**, Alexandru Cernat, Constantin Pană, Niculae Negurescu, Nikolaos Cristian Nutu, On cycle variability of supercharged spark ignition engine fuelled with bioethanol-gasoline blends, în Proceedings of TE RE RD 2015, Posada Vidraru, Arges, România.

**4-Zuhair H.Obeida**, Alexandru Cernata, , Constantin Panaa, Niculae Negurescua and Cristian Nutu , Influence of E20 Fuelling on Combustion Cycle Variability at Turbocharged Spark Ignition Engine, 9th International Conference Interdisciplinarity in Engineering, INTER-ENG 2015, 8-9 October 2015, Tirgu-Mures, Romania , © 2016 The Authors. Published by Elsevier Ltd, Peer-review under responsibility of the "Petru Maior" University of Tirgu-Mures, Faculty of Engineering.

## الخبرات العلمية:

فيما يلي ملخص بسيط لاهم النشاطات العلمية :

- ١- خدمة في التعليم العالي لأكثر من (٢٦ سنة) عملت في مختلف المختبرات والورش في الكلية التقنية المسيب والمعهد التقني المسيب
- ٢- بعد الحصول على الماجستير من ماليزيا في الهندسة الميكانيكية عملت كمدرس مساعد في المعهد التقني المسيب منذ ٢٠١٠ لقسم المكنان والمعدات فرع السيارات ودرست مختلف المواد مثل المكنان الهندسي وديناميك الحرارة والرسم الصناعي بالحاسوب .
- ٣- حصولي على مختلف الشهادات في مجال عملي والحاسوب .
- ٤- اجادتي للغة الانكليزية بصورة ممتازة وامتلك شهادات من معاهد دوليه.
- ٥- بعد الحصول على شهادة الدكتوراة عام ٢٠١٦ حصلت على لقب مدرس ورجعت للعمل في قسم المكنان والمعدات وتدرسي عدة مواد مثل محركات احتراق داخلي وتطبيقات حاسبة للمرحلة الثانيه ومادة معدات ري لقسم الموارد المائيه وللغة الانكليزيه لعدة اقسام
- ٦- ترشحت لرئاسة القسم للعام ٢٠١٧-٢٠١٨ مع الاستمرار بتدريس نفس المواد اعلاه.
- ٧- عضو مكتب استشاري من العام ٢٠١٧ ولغاية الان.
- ٨- اشترافي في كثير من المؤتمرات العلمية الدولييه.
- ٩- عضو لجنة اختبار الصلاحيه ٢٠١٨.

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