

# د. عبدالباسط محمد إعبيش

أستاذ مشارك في الهندسة الكيميائية

عضو هيئة تدريس بقسم هندسة النفط-كلية الهندسة/جامعة غريان



## المعلومات الشخصية

0911219129



abeesh\_200875@yahoo.com



الاصابة-ليبيا



تاريخ الميلاد: 1975/08/08



## الانشطة الاكاديمية

✓ عضو اللجنة العلمية لندوة اللحوم  
2008

كلية الزراعة/جامعة الجبل الغربي

✓ عضو اللجنة العلمية لمؤتمر المياه  
2009

كلية الزراعة/جامعة الجبل الغربي

✓ عضو اللجنة التحضيرية لمؤتمر  
الزيتون 2021

المكتب الاستشاري/جامعة غريان

✓ مراجع اكايمي معتمد  
2019

مجلة الاورومتوسطية للبيئة

✓ المشاركة في المؤتمرات العلمية  
المحلية والدولية

✓ نشر أكثر من 15 ورقة علمية في  
المجلات والمؤتمرات المحلية والدولية

## اللغات

اللغة عربية ممتاز

اللغة الانجليزية ممتاز

## الكمبيوتر

Word-Excel-PowerPoint- Aspen HYSYS-Matlab

## المؤهلات الدراسية

2015 دكتوراه هندسة كيميائية / جامعة كيرتن- أستراليا

2004 ماجستير هندسة كيميائية / جامعة طرابلس

1999 بكالوريوس هندسة كيميائية / جامعة طرابلس

## الخبرة العملية

2019 إلى الوقت الحاضر

عضو هيئة تدريس

قسم هندسة النفط/كلية الهندسة/جامعة غريان

2024-2021 عميد مدرسة العلوم الهندسية

الاكاديمية الليبية فرع غريان

2020-2018 النقيب العام لأعضاء هيئة التدريس بجامعة غريان

2019-2015 عضو هيئة تدريس

قسم الكيمياء-كلية العلوم/جامعة غريان

2015-2010 طالب دكتوراه

جامعة كيرتن/أستراليا

2010-2008 عضو هيئة تدريس

كلية الزراعة/جامعة الجبل الغربي

2008-2004 عضو هيئة تدريس

قسم الهندسة الكيميائية/المعهد العالي للمهن الشاملة العزيزية

## المهارة الشخصية

✓ القدرة على العمل تحت الضغوط والمسؤوليات

✓ التواصل الفعال مع المحيط والعمل الجماعي

✓ كتابة الاوراق العلمية والتقارير الفنية



***Name: Abdulbasit M. Abeish***

#### **BASIC DATA**

**Mobile:** +218-91-1219129

**E. Mail:** [abeesh\\_200875@yahoo.com](mailto:abeesh_200875@yahoo.com)

**Date of birth:** 08/08/1975

**Residence:**

Al-Jabal Al-Gharbi, Asabaa, Libya

**Marital Status:** Married

#### **EDUCATION**

- **Doctor of Philosophy** **2015**  
Department of Petroleum and Chemical Engineering- **Curtin University, Australia**  
**Thesis:** *Enhanced Photocatalytic Degradation of Biorefractory Pollutants in Petroleum Refinery Wastewater*
- **Master of Science in Chemical Engineering** **2004**  
University of Tripoli, Chemical Engineering, Libya
- **Bachelor of Science in Chemical Engineering** **1999**  
University of Tripoli, Chemical Engineering, Libya

#### **SPECIALIZATION**

- **General Specialization:** Water Treatment, Catalysis, Physical Chemistry, Reaction Kinetics and Reactor Design, Chemical Engineering Processes, Thermodynamics, Mass Transfer, Heat Transfer.
- **Research Fields:** Petroleum Wastewater Treatment, Catalysis, Photocatalytic Processes, Reaction Kinetics and Photo-reactor Design, Kinetic Modeling.
- **Courses have been taught:**

**PETROLEUM REFINERY– CHEMICAL REACTION ENGINEERING I&II – THERMODYNAMICS I&II – HEAT TRANSFER – FLUID MECHANICS...etc**

#### **WORK EXPERIENCE**

- **Period** Sep 2022 – Mar 2024

**Dean of Engineering School & Head of Chemical Eng. Department/ Libyan Academy – Gharyan**

- **Period** Mar 2016 - Till Date  
**Employer** Gharyan University/ Libya

<b>Section</b>	Engineering Faculty/ Petroleum
	Department
<b>Current Job Position</b>	<b>Associate Prof</b>

***Job Description***

- Teaching undergrounded students different chemical engineering subjects
- Supervising underground research and projects
- Conducting Lab works for new findings
- Participating in scientific conferences and journal papers

• <b>Period</b>	Mar 2012 To Jun 2015
<b>Employer</b>	Curtin University/ Australia
<b>Section</b>	Department of Petroleum and Chemical Engineering <i>Curtin University,</i>
<i>Australia</i>	
<b>Job Position</b>	<b>Lab Tutor</b>

***Job Description***

- Teaching students experiments procedures and the safety
- Training underground students on Lab machines including Heat Exchangers, High-Performance Liquid Chromatography (HPLC), Gas Chromatography (GC), Total Organic Carbon (TOC) and Spectrophotometer
- Design and create new methods for different chemical engineering investigations

• <b>Period</b>	Feb 2008 To Dec 2010
<b>Employer</b>	Al Jabal Al Gharbi
University, Libya	
<b>Section</b>	Resources Department
<b>Job Position</b>	Assistant Lecturer

***Job Description***

- Teaching undergrounded students different chemical engineering subjects
- Supervising underground research and projects
- Conducting Lab works for new findings
- Participating in scientific conferences and journal papers

• <b>Period</b>	Oct 2006 To Feb 2008
<b>Employer</b>	High Institute of
Comprehensive	
	Vocations Alaziziya-Libya
<b>Section</b>	Chemical Engineering
Department	
<b>Job Position</b>	Assistant Lecturer

***Job Description***

- Teaching undergrounded students different chemical engineering subjects
- Supervising underground research and projects
- Conducting Lab works for new findings

• <b>Period</b>	Jan 2000 To Oct 2006
Employer	Central Water Laboratory,
Libya	
Section	Lab Technician

***Job Description***

- Conducting chemical and biological water tests
- Maintain lab equipment

***SKILLS & ABILITIES***

- **Languages:** Arabic (native) and English (Proficient)
- **Computer skills:** (Microsoft word, PowerPoint, Excel, HYSYS software, Matlab)

Many years of related work experience in combination with strong academic training and credentials in:

- Private courses of HYSYS Software Training for Petroleum and Chemical Engineers
- Private courses of Mathematics and Chemistry
- Lab Technician in a water treatment center
- Professional in Lab equipment (HPLC, TOC and GC)
- Publishing journal papers related with my field.

***PUBLICATIONS***

***Refereed International Conferences***

1. Abdulbasit M. Abeish, "Kinetic Modelling for predicting Photocatalytic degradation of COD in the Petroleum Refinery Effluent" - Technology of Oil & Gas and Sustainable Energy International Conference and Exhibition, [Tripoli 22-24 April 2024](#)
2. Abdulbasit M. Abeish, "Recycling of Olive Mill Solid Waste as Prospective Use for Water Treatment"- المؤتمر الأول للهندسة والتقنيات الزراعية , [Tripoli University, Dec 22-23 2023](#)
3. **Abdulbasit M. Abeish**, and Omar Ali Said, "The Use of Activated Carbon Prepared from Libyan Olive-Waste Cake for Dye Removal from Water" – The First Conference of Olive Oil, Gharyan-Libya, [Dec 11-12, 2021](#)
4. **Abdulbasit M. Abeish**, and Shtawa, Ahmad, "Investigation of Physicochemical Analysis Of Water Sources In Al-Jabal Al-Gharbi Region, Libya" – Conference on the role of earth and environment sciences in developing Libyan economy, Zawia, Libya, [March 15-16, 2021](#).
5. **Abdulbasit M. Abeish**, and Said, Omar A, "Assessment of Groundwater Quality of Assabaa Region, Libya" - The Sixth International Conference - Smart Cities –Libya, Bright Star University, [December 14-17/ 2020](#)
6. **Abdulbasit M. Abeish**, "Photocatalytic degradation of petroleum refinery wastewater: A review" The second Libyan Conference on Chemistry and its Applications, Bangazi University, Libya, [09-11 May 2017](#).
7. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad "Solar photocatalytic removal of pollutants from petroluem refinery effluent"ICCPGE 2016 First

International Conference on Chemical, Petroleum and Gas Engineering, Alkhoms, Libya, 20-22 December 2016.

8. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad "Solar advanced oxidation treatment of synthesis petroleum refinery effluent: Mechanism and kinetic modelling" *Chemica* 28 Sept-01 Oct/ 2014 Perth, Australia <http://search.informit.com.au/fullText;dn=701131259109415;res=IELENG>
9. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad "Solar Photocatalytic Degradation of 4-Chlorophenol: Optimization and Kinetic Analysis" WCCE9 & APCCHE 2013 9th World Congress of Chemical Engineering August 18-23, 2013/ Coex, Seoul, Korea.

### **Refereed Journals**

1. **Abdulbasit M. Abeish** and Omar Ali Said, 2022. "Study of Physical and Chemical Properties for Natural Groundwater with Their Contamination in Asbi'ah-Libya" *International Science and Technology Journal* Volume 30 July 2022
2. **عبدالباسط محمد إعييش**, أحمد الهادي اشتاوه و عادل المبروك سعد " تقييم عمل محطة معالجة مياه الصرف الصحي بمدينة غريان " - *International Multilingual Journal of Science and Technology* <http://imjst.org/index.php/vol-6-issue-3-march-2021>
3. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad, 2015. "Solar photocatalytic degradation of 4-chlorophenol: mechanism and kinetic modelling." *Desalination and Water Treatment* no. 35 (11): 2915-2923.
4. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad, 2015. "Solar photocatalytic degradation of chlorophenols mixture (4-CP and 2, 4-DCP): Mechanism and kinetic modelling." *Journal of Environmental Science and Health, Part A* no. 50 (2):125-134.
5. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad, 2014. "Enhanced solar-photocatalytic degradation of combined chlorophenols using ferric ions and hydrogen peroxide." *Industrial & Engineering Chemistry Research* no. 53 (26):10583-10589.
6. **Abdulbasit M. Abeish**, Ha Ming Ang, and Hussein Znad, 2015 "Role of ferric and ferrous ions in the enhancement of the heterogeneous solar photocatalytic degradation of chlorophenols combined mixture" *Water Science and Technology*. 72 (9): 1561-1568.

### **References**

#### ➤ **Dr. Hussein Znad**

Chemical Engineering Department, Curtin University, Australia

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**Tel:** +61410984647

#### ➤ **Professor Dr. Ha Ming Ang**

Chemical Engineering Department, Curtin University, Australia

**E-Mail:** [M.Ang@exchange.curtin.edu.au](mailto:M.Ang@exchange.curtin.edu.au)

**Tel:** +61422352111