

# CURRICULUM VITAE

## MR. MONAEM HAMAD ELMNIFI

### 1. PERSONAL PARTICULARS

#### 1.1 Personal Information:

**Citizenship** : Libyan  
**Birth Day-of-the-Week** : Saturday  
**Place of Birth** : ELmarj, Libya  
**Hobbies** : Soccer  
**Marital Status** : Married with Five kids  
**Gender** : Male

#### 1.2 Contact Information and Research Profile:

**Address:** ELMARJ.LIBYA

**Contact Numbers** : +218925339322,+218913437039 (Mobile)

**Personal Email** : [monm.hamad@yahoo.co.uk](mailto:monm.hamad@yahoo.co.uk)



### 2. EDUCATION BACKGROUND

#### 2.1 Summary of Academic Qualifications:

**2013 M.Sc.** in Energy technologies (Libyan Academy of Benghazi, Libya)

**2002 B.Sc.** in Mechanical Engineering (OMU, Libya)

#### 2.2 Education Details:

**Degree** : Master of Energy technologies (M.Sc.)

**Major** : Mechanical Engineering(Renewable Energy, Heat Transfer, and Refrigeration and Air-conditioning, Materials science, Manufacturing processes)

**University** : Libyan Academy of Benghazi, Libya.

**Duration** : July 2009 - September 2013

**GPA** : 3.23 (out of 4)

**Degree** : Bachelor of Science (B.Sc.)

**Major** : Mechanical Engineering (power, Heat Transfer, and Refrigeration and Air-conditioning )

**Project Title** : Design of cooling system for food preservation.

**University** : Omar Al-Mukhtar University (OMU), Libya.

Duration : September 1996 - August . 2002

Percentage : 64.4%.

Level : General Secondary Education Certificate

School : Gamal Abdel Nasser secondary School, ELmarj, Libya

Percentage : 80.5%

Level : Basic Education Certificate

School :17 February Preparatory School, ELmarj, Libya

Percentage : 86.9%

### **3. WORKING EXPERIENCE**

#### **3.1 Summary of Working Experience:**

##### **Sep2014-Until Now**

During this period I worked at the University of Benghazi as Assistant Lecturer, where I was assigned to teach materials science and renewable energy.

##### **Sep20014-July2017**

I had the opportunity to help supervise a number of graduation projects in the Mechanical Engineering Department.

##### **Sep2014-Sep2018**

Currently I am a Associate Lecturer at Benghazi University in the Department of Mechanical Engineering. During this period, I am responsible for teaching undergraduate students in material science, manufacturing, renewable energy.

##### **feb2017-Sep2018**

Currently I am a Associate Lecturer at Bright Star University in the Department of Mechanical Engineering. During this period, I am responsible for teaching undergraduate students in material science, Advanced manufacturing processes.

### **4. STUDENT SUPERVISION**

#### **4.1 Undergraduate Student Supervision**

##### **Academic Year: 2014/2015**

♣ using waste incineration to generate electrical energy at el-marj city.

##### **Academic Year: 2016/2017**

♣ Design of Adsorption Cooling Cycle Operates By Solar Energy.

##### **Academic Year: 2017/2018**

♣ Hybrid power generation by using solar and wind energy hybrid power case study - university almarj.

### **5. PUBLICATIONS**

#### **5.1 International Refereed Journals:**

1. **M. Elmnifi** ,N. Abdelwanis and O. Imrayed " Using Waste Incineration To Generate Electrical Energy At El-Marj City" The fourth Scientific Conference of Environment and Regions, Nov. 2016, Ajdabiya,Libya. Arid-Sustainable Development in the Arid and semi Pollution and Environment (PE)DOI : <http://doi.org/10.26480/pe.01.2018.01.04>
2. **M. Elmnifi** ,N. Abdelwanis and O. Imrayed " Solar Supported Steam Production for The second International Conference of Basic Sciences & Their Power Generation in Libya", Applications, April 2017, Albydah, Libya. Acta Mechanica Malaysia (AMM) Journal DOI : <http://doi.org/10.26480/amm.02.2018.05.09>.
3. **M. Elmnifi** ,N. Abdelwanis and O. Imrayed " Waste-TO-Energy Potential in Tripoli City-Libya" The First Scientific Conference on Environment and Development of Desert Societies 2017, Al-Kufra,Libya. Environment & Ecosystem Science (EES)DOI : <https://doi.org/10.26480/ees.01.2018.01.03>
4. **M. Elmnifi** , O. Imrayed "Energy Recovery from Municipal solid waste Incineration" Conference on Scientific Research and Sustainable Development, 25-27 Dec.2017 Benghazi University. Engineering Heritage Journal (GWK) DOI : <http://doi.org/10.26480/gwk.01.2018.19.23>
5. **M Elmnifi**, M Alshilmany, M Abdraba ,POTENTIAL OF MUNICIPAL SOLID WASTE IN LIBYA FOR ENERGY UTILIZATION, Open Journal of Mechanical Engineering (OJME) 2(2) (2018) 01-05, DOI : <http://doi.org/10.26480/ojme.02.2018.01.05>.
6. **M Elmnifi**, M Alshilmany, M ALhammaly, O Imrayed ,USE OF SOLAR ENERGY FOR BUILDING AIR CONDITIONING AND DOMESTIC HOT WATER PRODUCTION – CASE STUDY ELBREGA-LIBYA, Energy Reviews (ER) 2(1) (2018) 01-04, DOI : <http://doi.org/10.26480/er.01.2018.01.04>.
7. **M Elmnifi**, M Alshilmany, M Abdraba,POTENTIAL OF MUNICIPAL SOLID WASTE IN LIBYA FOR ENERGY UTILIZATION. Open Journal of Mechanical Engineering (OJME) DOI : <http://doi.org/10.26480/ojme.02.2018.01.05>

## 5.2 International Conferences:

1. **M. Elmnifi** ,N. Abdelwanis and O. Imrayed " Using Waste Incineration To Generate Electrical Energy At El-Marj City" The fourth Scientific Arid-Conference of Environment and Sustainable Development in the Arid and semi Regions, Nov. 2016, Ajdabiya,Libya.
2. **M. Elmnifi** ,N. Abdelwanis and O. Imrayed " Solar Supported Steam Production for The second International Conference of Basic Sciences & Their Power Generation in Libya", Applications, April 2017, Albydah, Libya.
3. **M. Elmnifi** ,N. Abdelwanis and O. Imrayed " Waste-TO-Energy Potential in Tripoli City-Libya" The First Scientific Conference on Environment and Development of Desert Societies 2017, Al-Kufra,Libya
4. **M. Elmnifi** , O. Imrayed "Energy Recovery from Municipal solid waste Incineration" Conference on Scientific Research and Sustainable Development, 25-27 Dec.2017 Benghazi University.
5. **M Elmnifi**, M Alshilmany, M ALhammaly, O Imrayed ,USE OF SOLAR ENERGY FOR BUILDING AIR CONDITIONING AND DOMESTIC HOT WATER PRODUCTION –

CASE STUDY ELBREGA-LIBYA of conference on occupational safety and health and environmental protection, dec.2017 ELbrega- Libya.

6. **M Elmnifi**, M Amhamed, future of waste to energy: a case study of Libya The fifth Scientific Conference of Environment and Sustainable Development in the Arid -and semi Arid. Ajdabiya,Libya. Regions, Nov. 2018.

7. **Monaem elmnifi**, moneer Alshilmany , Moftah abdraba DESIGN OF ADSORPTION COOLING CYCLE OPERATES BY SOLAR ENERGY, Scientific Conference of Engineering Management and its Role in Improving Institutional Performance.dec.2018 ELbrega-libya.

### 5.3.Monaem Elmnifi @ ResearchGate: Citations 1

♣ Visit My ResearchGate URL

[https://www.researchgate.net/profile/Monaem\\_Elmnif](https://www.researchgate.net/profile/Monaem_Elmnif).

### 5.4.Monaem ELmnifi@scholar

<https://scholar.google.com.ly/citations>

## 6. SERVICE

6.1.September 2004 - October 2011 I had a great opportunity to work as a technical engineer at Al-Jouf Oil Technology Company, Brega Libya. With this company, I took responsibility for maintenance, troubleshooting, technical support, and administrative work related to the Technical Inspection Unit.

### 6.2.Language Proficiency

♣ Arabic (native Language), excellent

♣ English, excellent

## 7. WORKSHOPS/TRAINING COURSES

\* Certificate MT0081205E FROM SNT-TC-1A of the American society for nondestructive testing ASNT &ACT.

\*Certificate from Libyan safety &industrial security center in hydrogen sulfide H<sub>2</sub>S hazard.

## 8. REFERENCES

1. Dr. Tarek A Mohammed Hamad, Assistant Professor Department of Mechanical and Aerospace Engineering, Missouri University of Science and Technology, 199 Toomey Hall, 400 W 13th Street, Rolla, MO 65409-0050, USA, Tel : +1-303-960-1524. E-mail: [Tah5xd@mst.edu](mailto:Tah5xd@mst.edu) , Omar Al-Mukhtar University, Assistant Professor, Department of Mechanical Engineering, Tel : +218913775477.

2. Naji Abdelwanis, Assistant Professor, Department of Mechanical Engineering, Omar Al-Mukhtar University, Email : [nabdelw@g.clemson.edu](mailto:nabdelw@g.clemson.edu), Tel: +218922394081.

3. Otman Imrayed ,Professor Department of Electrical & Electronics Engineering,  
Sirte University, Libya, E-mail: [mberwillla@yahoo.co.uk](mailto:mberwillla@yahoo.co.uk) .Tel:+218945726227.

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*Thanks and best regards.*

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