

## CURRICULUM VITAE FORMAT



### PERSONAL INFORMATION

Name **Zahraa Abdulhussein Mousa**  
E-mail [zahraa\\_hussain13@yahoo.com](mailto:zahraa_hussain13@yahoo.com)

### WORK EXPERIENCE

- Dates (from – to) **29-1-2008 until now**
- Name and address of employer **Thi- Qar university , Lecturer at Biomedical Engineering, Faculty of Engineering.**
- Occupation or position held **Head of chemistry and biochemistry Lab.,**
- Main activities and responsibilities **Lecturing in Biomedical Engineering Dept. Chemistry, Biochemistry, and contribution to biomedical engineering subjects.**

### EDUCATION AND TRAINING

- Dates (from – to) **2010-2014**  
**Master Degree in Biochemical Engineering from Universiti Putra Malaysia (UPM), Malaysia (2010-2014) [Pharmaceutical industry and powder technology, Project management, maintenance management systems, Quality control ]**
- Name and type of organization providing education and training **2003-2007**  
**Bachelor (B.Sc) degree in Biochemical Engineering**  
**Awarded from Baghdad university, Alkhawarizmy engineering college.**  
**Duration of study is five years & I got the first rank among my colleague and one the first ten student of the college .**
- Principal subjects/occupational skills covered
  - **Pharmaceutical industry engineering**
  - **Powder technology**
  - **Biomaterial**
  - **Numerical & Engineering Analysis .**
  - **Analytical chemistry .**
  - **Unit operation of biochemical processes .**
  - **Engineering statistic and economic .**
  - **Heat transfer .**
  - **Mass transfer.**
  - **Computer application by V.B. language .**
  - **Control System Design.**
  - **Equipments design .**
  - **Thermodynamic .**
  - **Biochemical industries .**
  - **Enzymology .**
  - **Engineering Project .**
  - **CHEM-CAD and MATLAB Analysis ..**
  - **Biofuel .**
  - **Bioreactor.**
  - **Material Science .**
  - **Biochemistry .**
  - **Cell biological**
  - **Biochemical engineering.**
  - **Environmental pollution and biochemical treatment.**

• Title of qualification awarded

• Level in national classification

• Dates (from – to)

• Name and type of organization providing education and training

• Principal subjects/occupational skills covered

• Title of qualification awarded

• Level in national classification

**PERSONAL SKILLS AND COMPETENCES**

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

**MOTHER TONGUE**

**OTHER LANGUAGES**

[ Specify language ]	English
[Indicate level: excellent, good, basic. ]	
• Reading skills	Good
• Writing skills	Good
• Verbal skills	Good

**TECHNICAL SKILLS AND COMPETENCES**

*With computers, specific kinds of equipment, machinery, etc.*

- Industrial safety.

University of Baghdad. , Alkhawarizmy college.

I was awarded **B.Sc** in Biochemical engineering

2003-2005

**studied in chemical Engineering Department / University of technology.** For two years

- Mathematics
- Mechanical Engineering Fundamentals
- Programming
- Engineering Drawing
- Descriptive Geometry
- Manufacturing Processes
- Electrical **Engineering** Fundamentals
- Strength of Material
- Thermodynamic
- Fluid Mechanics
- Metallurgy

**Chemical Engineering Department**  
**University of technology**

**Awarded certificate from Baghdad University / Iraq**

- Good dealing with fluid Lab. devices maintenance and programming.
- Ability to manage and deal with different work corporations.
- Good dealing with computer regarding maintenance and programming .
- Good in dealing with the Internet
- Good management to biochemistry Lab. In chemistry and biology dept. in science college.
- Good dealing with pharmaceutical industry and test equipment in the lab skill

[ Arabic ]

- 1- Good deal with hardware and software of computer and use Internet
- 2- I have a certificate in project management.
- 3- I have a certificate in intensive computer principles.
- 4- I have certificate in participate in English course.
- 5- good experience working with physical, chemical and engineering lab Equipment such as SEM and universal testing machine

ARTISTIC SKILLS  
and competences

**Reading stories, ethical and social issues, sport activities, and listening to soft music**

## Publications

- ✓ **Zahraa A. M. Al-Ibraheemi**, M. S. Anuar, F. S. Taip, M. C. I. Amin, S. M. Tahir, and Ali Basim Mahdi (Deformation and Mechanical Characteristics of Compacted Binary Mixtures of Plastic (Microcrystalline Cellulose), Elastic (Sodium Starch Glycolate) and Brittle (Lactose Monohydrate) Pharmaceutical Excipients. DOI: 10.1080/02726351.2013.785451 (IF= 0.435).
- ✓ **Zahraa A. Mousa Al-Ibraheemi**, M.S. Anuarb, F.S. Taipb, M.C.I Aminc S.M. Tahird, Ali Basim Mahdi, Ling Tau Chuan. (The deformation and mechanical characteristics of compacted binary mixtures of plastic, elastic and brittle pharmaceutical excipients): International Conference on Advance in Medical Science, Universiti Kebangsaan Malaysia.
- ✓ **ZAM AL-Ibraheemi**, AB Mahdi, NK Alhareeb, Heating Effects of Microwave Radiation on Disposable Materials in the Presence of Various Soaking Media JOURNAL OF THI-QAR SCIENCE 6 (3), 41-51

## ANNEXES

### ATTACHMENT FILES :

- 1- Certificate of Intensive computer course
- 2- Certificate of attendance International conference at UKM, Kuala Lumpur, Malaysia
- 3- Certificate of Latex software from IEEE, UKM branch, Malaysia
- 4- Certificate of attendance in seminar about making your research exciting
- 5- Certificate of attendance in MS excel workshop
- 6- Certificate of about managing the writing process seminar
- 7- Certificate of attendance about managing your research workshop
- 8- Certificate of attendance health care programing
- 9- Certificate of attendance Agilent Forum measurement
- 10- Certificate of attendance Viva workshop
- 11- Certificate of attendance about publishing during candidature workshop
- 12- Certificate of attendance about examination of thesis
- 13- Certificate of attendance of presentation workshop
- 14- Certificate of attendance advance English course
- 15- Certificate of attendance final project management course
- 16- Certificate of attendance antibiotic resistance, realty and challenges, Al Ayn University
- 17- Certificate of attendance safety and health at Thi-Qar University
- 18- Certificate of attendance DNA, and RNA extraction
- 19- Certificate of attendance training course of characterization, identification, and instrumental analysis of Nanomaterial's, Kashan University, IR Iran

By Zahraa Abdulhussein Mousa



Ministero degli Affari Esteri

*“Strengthening the Governance in Thi Qar Province - Iraq”*

Hereby we certify that  
**Zahra'a Abdul Hussein Musa**  
has participated and passed successfully the final  
examination of the Project Management Course  
held in Nassiriyah from  
5<sup>th</sup> of Feb to 18<sup>th</sup> of March 2008

SUDGEST\*  
*Aid*

*SudgestAid*  
*Dot. Maurizio Zanfari*



Ministero degli Affari Esteri

“Strengthening the Governance in Thi Qar Province - Iraq”

Hereby we certify that  
**Zahraa Abd Alhusain**  
has participated and passed successfully the final  
examination of the English Course/Level 3 held in  
Nassiriyah from  
17<sup>th</sup> of August to 27<sup>th</sup> of October 2008

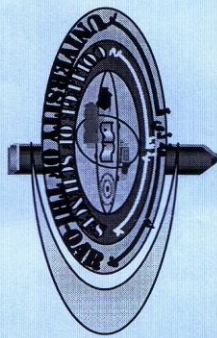
SUGGEST<sup>®</sup>  
*Aid*

SuggestAid

Doct. Maurizio Zandri



Ministry of Higher Education  
& Scientific Research  
University of Thi-Qar  
College Of Sciences  
Computer Department



وزارة التعليم العالي والبحث العلمي  
جامعة ذي قار  
كلية العلوم  
قسم علوم الحاسبات

التاريخ: ٢٠٠٩ / ٤ / ١٩



شهادة مشاركة

نؤيد إشتراك الانسة ( زهراء عبدالحسين موسى ) بدورة كفاءة الحاسبات المكثفة والتي تضمنت (أساسيات الحاسبة: الويندوز والأوفيس ، الأنترنت) والقامة في كلية العلوم / قسم علوم الحاسبات لفترة من الحاسبة: ٢٠٠٩/٣/١٥ ولغاية ٢٠٠٩/٣/٢٦ وقد أكملت متطلبات الدورة بنجاح.

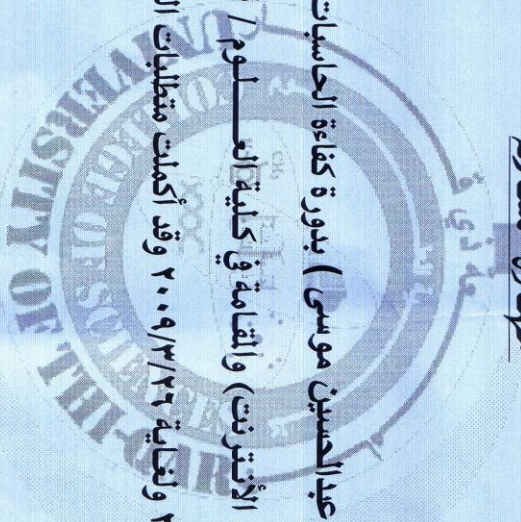
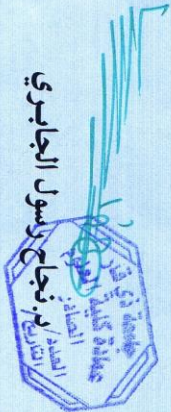
م. أحمد عبدالحسين عودة

رئيس قسم الحاسبات

٢٠٠٩ / ٤ / ١٩

عميد كلية العلوم

المدير: نجاح لاسول الجابري





# INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM

## Test Report Form

ACADEMIC

**NOTE** Admission to undergraduate and postgraduate courses should be based on the ACADEMIC Reading and Writing Modules.  
GENERAL TRAINING Reading and Writing Modules are not designed to test the full range of language skills required for academic purposes.  
It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed after two years from the date of the test.

Centre Number  Date  Candidate Number

### Candidate Details

Family Name   
First Name   
Candidate ID



Date of Birth  Sex (M/F)  Scheme Code

Country or Region of Origin  First Language

Repeating IELTS (Y/N)  Previous Test Date  Previous Test Centre

### Test Results

Listening  Reading  Writing  Speaking  Overall Band Score

### Administrator Comments

Centre stamp



Validation stamp



Writing Examiner Number

Administrator's Signature

Speaking Examiner Number

Date

Test Report Form Number



The validity of this IELTS Test Report Form can be verified online by recognising organisations at <https://ielts.ucles.org.uk>



# Certificate of Participation

The IEEE UKM Student Branch  
Faculty of Engineering & Built Environment, National University of Malaysia  
Hereby acknowledge that:

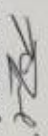
**Zahraa Abdulhussein Mousa**

*Has successfully completed the workshop:*

**The LATEX  
10 July 2012**

Organized by:



  
Professor Dr. Mahamod Ismail,  
Chair,  
IEEE Malaysia Section

Saleh Jarvadi,  
Chair, *Salleh Jarvadi*  
IEEE Student Branch UKM



UNIVERSITI  
KEBANGSAAN  
MALAYSIA  
*The National University  
of Malaysia*

# Certificate Of Participation

This is to certify that

**Zahraa A.A Mousa**

has participated and presented a paper in the

## **INTERNATIONAL CONFERENCE ON ADVANCES IN MEDICAL SCIENCE**

**16<sup>th</sup> - 18<sup>th</sup> APRIL 2013**

**Impiana Hotel - KLCC**

### **Updates In Medical Science Research**

Organised By

**Faculty of Medicine UKM  
Bone Metabolism Research Group  
CVS Research Group  
Stress Enzyme Research Group**

**DR. ISA NAINA MOHAMED**  
Organising Chairperson



# Putra Sarjana

## Certificate of Attendance



This is to certify that

**ZAHRAA ABDULHUSSEIN MOUSA**  
**GS29016**

has attended the

**ENHANCING SOFT SKILLS SEMINAR**  
**(MAKING YOUR RESEARCH EXCITING)**

organized by

**SCHOOL OF GRADUATE STUDIES**  
**UNIVERSITI PUTRA MALAYSIA**


on the

**20<sup>th</sup> SEPTEMBER 2011**

at

**GREAT HALL, PKKSSAAS**  
**UNIVERSITI PUTRA MALAYSIA**

  
Deputy Vice Chancellor  
(Academic and International)

  
Dean

School of Graduate Studies



**UPMISA**

**University Putra Malaysia  
International Students Association**

## *Certificate of Participation*

This certificate is hereby awarded to

**ZAHRAA ABDULHUSSEIN MOUSA**

for participation in

**Microsoft Excel Workshop**

held on the

**1<sup>st</sup> November, 2012**

Moritz-Ivo Will  
Chairman UPMISA  
Education Committee



Muhammad Maina  
UPMISA President  
University Putra Malaysia  
International Students Association





# Certificate of Attendance

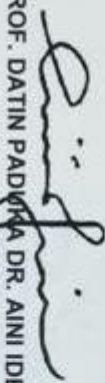
This is to certify that

**ZAHRAA ABDULHUSSEIN MOUSA**  
GS29016


has attended the  
**MANAGING THE WRITING PROCESS SEMINAR**

organized by  
**SCHOOL OF GRADUATE STUDIES**  
**UNIVERSITI PUTRA MALAYSIA**

on the  
**13<sup>th</sup> JULY 2012**  
at  
**AUDITORIUM, FACULTY OF VETERINARY MEDICINE**  
**UNIVERSITI PUTRA MALAYSIA**

  
**PROF. DATIN PADMA DR. AINI IDERIS**

Deputy Vice-Chancellor  
(Academic and International)  
Universiti Putra Malaysia

  
**PROF. DR BUJANG KIM HUAT**

School of Graduate Studies  
Universiti Putra Malaysia

  
**DR VIJAY KUMAR MALLAN**

Academic Director  
Student Learning Centre  
University of Otago, New Zealand

# Putra Sarjana



REGISTERED TO THE QUALITY SYSTEM  
CERT. NO. 410792




## **Certificate of Attendance**

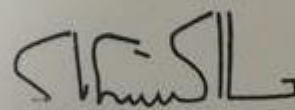
This is to certify that  
**Zahraa Abdulhussien Mousa**  
**GS29016**

has attended the  
**The Managing your research workshop**

Organized by  
**International Student Association**  
**University Putra Malaysia**

on the  
**12th May 2011**  
at  
**Bilik Seri Amar**  
**Faculty of Modern Language and Communication, UPM**

  
**Mustapha Umar Imam**  
President UPMISA

  
**Assoc. Prof. Dr. Vijay Kumar**  
Instructor





ST. JOHN AMBULANS MALAYSIA

*Certificate*  
*Of*  
**ATTENDANCE**  
Community Health Care Programme

This is to certify that

**ZAHRAA ABDUL HUSSEIN**

(I/C NO. : G 2199898)

had attended

**CARDIO PULMONARY RESUSCITATION**

(C.P.R. guideline 2010 : Hands-Only CPR)

on 11<sup>th</sup> August 2012

held at

Health Education & Health Awareness (HEHA)  
Mid Valley Exhibition Centre Kuala Lumpur

**DATO' DR. LEE HOO TEONG**  
Chief of Staff ( Training )  
St. John Ambulans Malaysia

TECSEN  
TECHNOLOGIES  
SDN BHD (542061-K)

*This is only a Certificate of Attendance*

# CERTIFICATE OF ATTENDANCE

*This is to certify*

**Zahraa Mousa**

*has attended the*

**Agilent Measurement Forum 2012**

*at*

**One World Hotel, Kuala Lumpur**



**Simon Rodger  
SEA Marketing Manager**



**11 Sep 2012**

**Date**



**Agilent Technologies**





## **Certificate of Attendance**

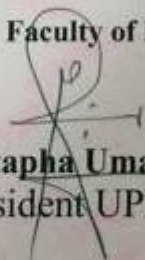
This is to certify that  
**Zahraa Abdulhussien Mousa**  
**GS29016**

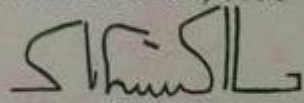
has attended the  
**The Viva workshop**

Organized by  
**International Student Association**  
**University Putra Malaysia**

on the  
**10th May 2011**  
at

**Bilik Seri Amar**  
**Faculty of Modern Language and Communication, UPM**

  
**Mustapha Umar Imam**  
President UPMISA

  
**Assoc. prof. Dr. Vijay Kumar**  
Instructor




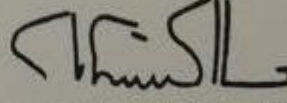
## **Certificate of Attendance**

This is to certify that  
**Zahraa Abdulhussien Mousa**  
**GS29016**

has attended the  
**The Publishing during candidature workshop**

Organized by  
**International Student Association**  
**Universiti Putra Malaysia**  
on the  
**30th April 2011**  
at  
Bilik Seri Amar  
Faculty of Modern Language and Communication, UPM

  
**Mustapha Umar Imam**  
President UPMISA

  
**Assoc. prof Dr. Vijay Kumar**  
Instructor



# Putra Sarjana



## Certificate of Attendance



This is to certify that  
**ZAHRAA ABDULHUSSEIN MOUSA**  
**GS29016**  
has attended the  
**EXAMINATION OF THESIS (EXPECTATION FROM EXAMINERS INCLUDING VIVA)**  
organized by

**SCHOOL OF GRADUATE STUDIES**  
**UNIVERSITI PUTRA MALAYSIA**

on the  
**9<sup>th</sup> MAY 2011**  
at

**DEWAN KULIAH UTAMA**  
**FACULTY OF MEDICINE AND HEALTH SCIENCES**  
**UNIVERSITI PUTRA MALAYSIA**

  
Deputy Vice Chancellor  
(Academic and International)

  
Dean  
School of Graduate Studies



## **Certificate of Attendance**

This is to certify that  
**Zahraa Abdulhussien Mousa**  
**GS29016**

has attended the  
**The presentation workshop**

Organized by  
**International Student Association**  
**University Putra Malaysia**

on the  
**11th May 2011**  
at  
**Bilik Seri Amar**  
**Faculty of Modern Language and Communication, UPM**

**Mustapha Umar Imam**  
President UPMISA

**Assoc. Prof. Dr. Vijay Kumar**  
Instructor