

# CURRICULUM VITAE

## Omar Deeb Zayed Zayed

*Basic Sciences department/king Abdullah II School of Engineering,  
Princess Sumaya University For Technology, Amman, Jordan*

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### 1. Personal Data

Date of Birth: 7-12-1970

Nationality: Jordanian

### 2. Education

- M.Sc. (physics – solid-state ) 1996, University of Jordan, Amman, Jordan
- B.Sc. (physics ) 1993, University of Jordan , Amman, Jordan

### 3. M.Sc. Dissertation

*Electrical and Optical Properties of SnO<sub>2</sub>:F Thin Films Prepared by Spray  
Pyrolysis Technique, University of Jordan Amman, Jordan.*

### 4. Employment

#### Academic Positions

- Lecturer, Basic Sciences department, Princess Sumaya University For Technology, Amman, Jordan, September 2021- now
- Lecturer, Basic Science Department, Umm AL-Qura University, Makkah, Saudi Arabia  
September 2010- June 2021
- Teacher – physics - international program, International Independent Schools Amman, Jordan  
August 2009 – June 2010
- Lecturer and teaching assistant, Physics Department, Hashemite University Az-Zarqa , Jordan  
August 2008 – June 2009
- Secondary School Teacher, Ministry of education – Amman, Jordan  
August 2007– August 2008

- Secondary School Teacher, UAE Government - Ministry of education, Ras Al Khaimah, UAE  
August 2005– August 2007
- Secondary School Teacher, Ministry of education – Amman, Jordan  
August 2004– August 2005
- Secondary School Teacher, Ministry of education, Najran, Saudi Arabia  
August 1996– August 2004

### **Administrative Positions**

- Physics Coordinator, Basic Science Department, Umm AL-Qura University  
Makkah Saudi Arabia  
September 2011- June 2021

### **5. Research Interests :**

- ✓ Solid State Physics ( Electrical and Optical properties of thin solid films to be used in solar cells )
- ✓ Hydroxy Fuel Generators (HHO Generators )

### **6. Teaching Experience**

- *Undergraduate Courses*

COURSE NUMBER	COURSE NAME	University
20150 ( 7)	Physics Lab	PSUT
20140 ( 2)	Basic Concepts in Chemistry	PSUT
20141 ( 7)	Physics (1)	PSUT
20147 ( 4)	Physics Lab IT	PSUT
20142 ( 6)	Physics (2)	PSUT
4800131-4	Introduction to medical physics	UQU*
48021300-4	General Physics (1)	UQU
403361-4	Nuclear Physics Lab	UQU

- *UQU = Umm AL-Qura University , Makkah , Saudi Arabia*

## 7. Membership of Committees

- **National**  
*Member of Supreme Committee of the Physics Olympiad*
- **University**  
*Social committee member of Basic science department*  
*Council Secretary - Basic science department*

## 8. Participation in or organization of curricular and/or extra-curricular activities

- Preparing a detailed handout for Physics 1 and Physics 2 ( affiliation: PSUT-King Abdullah II school of Engineering )
- Recording a set of short videos ( solving selected problems – for each chapter - in details using a 10-12 minutes videos )

## 9. Publications

- Maghrabi, M., **Zayed,O.**, Finch, A. ; *Radio-and thermoluminescence of single-doped and codoped lithium-sodium sulfate* , Radiation Effects and Defects in Solids, 168,2013, 1030-1037
- Annabi, M., **Zayed,O.**,Fteiti, M., Aouissi,M. ; *MICROSTRUCTURE AND NORMAL STATE PROPERTIES FOR YBCO SYSTEM ADDED BY Zn0.95Fe0.05O NANOPARTICLES*, Multi-Knowledge Electronic Comprehensive Journal For Education And Science Publications (MECSJ) , 28, 2020
- Under publishing :
  1. **Zayed,O.**, El-Gammam. Y.A , Fteiti, M.,. ; *Plasma Enhanced Electrode for Hydroxy Fuel Generators*

## 10. Training Courses

Serial	COURSE NAME	Period	Location
1	<i>Using Artificial Intelligence technologies to Monitor Electronic Exams</i>	<i>Nov 2020</i>	Kuwait University
2	<i>Using Mind Maps For Distance Teaching</i>	<i>Dec 2020</i>	Kuwait University
3	<i>Quality Of Life and Academic Quality</i>	<i>Nov 2020</i>	Umm AL-Qura University
4	<i>Using Microsoft Teams- 3 sessions</i>	<i>Dec 2020</i>	Umm AL-Qura University
5	<i>Open Educational Resources -Deanship of E-Learning and Distance Education</i>	<i>29-3-2021</i>	Umm AL-Qura University
6	<i>How to Personalize Digital Learning for Learners Deanship of E-Learning and Distance Education</i>	<i>31-3-2021</i>	Umm AL-Qura University
7	<i>Gamification Strategy Deanship of E-Learning and Distance Education</i>	<i>4-4-2021</i>	Umm AL-Qura University
8	<i>Flipped Classroom Strategy: Foundations and Techniques Deanship of E-Learning and Distance Education</i>	<i>7-4-2021</i>	Umm AL-Qura University
9	<i>Designing Digital Content According to Global Quality Standards Deanship of E-Learning and Distance Education</i>	<i>11-4-2021</i>	Umm AL-Qura University