

## C. V.



**Date:** Wednesday, February 12, 2025

**Name:** Ibrahim Mohammad Mansour, Ph.D.

### PERSONAL DATA:

Place & date of birth	Jordan, 1963
Nationality	Jordanian
Marital status	Married with 5 children

**Tel.** *Cellular* +962-786297019, +962-797253930  
*Work* +962-5-3821100-ext. 2083 (Zarqa University)

**E-mail** [imansour@zu.edu.jo](mailto:imansour@zu.edu.jo)

**Website:** <http://www.zu.edu.jo>

### Current Position:

Associate Professor / Electrical Engineering Department  
Zarqa University Sep. 2022 - now.

### Education:

1993-1997 Ph.D. University of Padova, Italy.

1981-1986 B.S. Electrical Engineering from University of Jordan.

### AREAS OF INTEREST:

#### Teaching

- Digital Communications
- Optical Communications
- Electronics 1 (Electronics Devices)
- Electronics 2 (Amplifiers)
- Digital Electronics
- Signals and Systems
- Digital Signal Processing
- Data transmission
- Digital Logic
- Computer Applications
- Electrical Engineering
- Communication Systems
- Digital Telephony
- Microwave Engineering
- Electrical circuit analysis

## **Research**

- Optical communication
- Optical integrated circuits
- Nonlinear optics
- Realization, characterization, and optimization of passive and active photonic devices on Lithium Niobate crystals
- Computer simulations and numerical analysis methods
- Internet electronic services.

## **WORK EXPERIENCE:**

Dr. Mansour is a Registered Charter Engineer in the field of Electrical Engineering at the Jordan Engineers Association since the year 1986.

## **Academic**

- Associate Professor / Electrical Engineering Department - Zarqa University, 2022 - now.
- Associate Professor / Electronics and communication Engineering Department Al-Ahliyya Amman University 2010 -2021.
- Head of Department of Electronics and Communications Engineering – Al-Ahliyya Amman University, Amman- Jordan (October 2012- October 2013).
- Assistant Professor, Department of Electrical Engineering, University of Jordan, Jordan (February 1997-2010). Beside research and teaching, tasks include preparing technical specifications for tenders and equipment purchased for laboratories, participating in preparation of study plans and required personnel to run different divisions in the department.
- Assistant Dean for IT affairs – Deanship of Academic Research - University of Jordan (September 1998-2005). During that period, I was responsible for computer network and services; developing e-learning solutions (Web based publishing systems of scientific research – Dirasat Journal On-Line); developing web based system for University staff including professional information and research; developing e-system for university publications.
- Director of the Global Development Learning Network (GDLN) Center “Atheer” - University of Jordan (September 2008 – December 21, 2009). The center is responsible for e-learning and distance learning services in the university, it is equipped with video conferencing facility connected with outside through Integrated Services Digital Network (ISDN) telephone lines, digital satellite and Internet Protocol network (IP).

## **Non-Academic**

- Electrical Engineer, Customs Department, Jordan (March 1989- September 1990).
- Maintenance and Development Engineer, Salbashian Company, Jordan (September 1988- March 1989). Worked in Photographic and Medical equipments and systems installation and maintenance.
- Electrical Engineer, Jordan Army (Civil Service), Jordan (September 1986, September 1988).

## **Recent Activities**

- Member in the Energy Committee, Jordan Engineering Association.
- Referee and Reviewer of many national and international scientific journals.

## **PROFESSIONAL TRAINING**

**1998** UNESCO, Amman, three days short course on “E-Learning and distance learning Systems”.

## **PUBLICATIONS:**

### **Refereed Journals**

- A1: F. Caccavale, P. Chakraborty, I. Mansour, G. Gianello, M. Mazzoleni, and M. Elena,, "A Secondary ion mass spectrometry Study of magnesium diffusion in lithium niobate", J. of Applied Physics, 76 (11), 1 December 1994, pp. 7552-7558.
- A2: I. Mansour and C. G. Someda, "Numerical optimization procedure for low-loss sharp bends in MgO co-doped Ti:LiNbO3 waveguides", IEEE Photonics Technology Letters, vol. 7, no. 1, January 1995, pp. 81-83.
- A3: F. Caccavale, F. Gonella, and A. Quaranta and I. Mansour, "Analysis of Ti:LiNbO3 waveguides using secondary ion mass spectrometry and near field method," Electronics Letters, vol. 31, no. 13, 22nd June 1995, pp. 1054-1056,.
- A4: F. Caccavale, P. Chakraborty, A. Capobianco, G. Gianello and I. Mansour, "Characterization and optimization of Ti diffused LiNbO3 optical waveguides by second diffusion of magnesium", J. of Applied Physics, 78 (1), July 1995, pp. 187-193.
- A5: Jose` M. Almeida, Gerard Boyle, Antonio P. Liete, Richard M. De La Rue, Charles N. Irosde, F. Caccavale, P. Chakraborty and I. Mansour, "Chromium diffusion in lithium niobate active optical waveguides", J. of Applied Physics, 78 (4), August 1995, pp. 2193-2197.
- A6: F. Caccavale, P. Chakraborty, A. Quaranta, I. Mansour, G. Gianello, R. Corsini, G. Mussi, "Secondary Ion Mass Spectrometry and Near Field studies of Ti:LiNbO3 Optical Waveguides", J. of Applied Physics, 78 (9), November 1995, pp. 5345-5350.
- A7: I. Mansour, and F. Caccavale, "Theoretical waveguide optimization of a Ti:LiNbO3 Mach-Zehnder modulator by Mg diffusion", Applied Optics, Vol. 35, No. 9, 20 March 1996, pp. 1492-1499.
- A8: F. Gonella, A. Quaranta, A. Sambo, and F. Caccavale and I. Mansour, "Construction of glass waveguides refractive index profiles by the Effective Index - Finite Difference Method," Optical Materials, 1996, pp. 1373-1378.
- A9: I. Mansour, and F. Caccavale, "An improved procedure to calculate the refractive index profile from the measure near-field intensity", J. of Lightwave Technology, vol. 14, no. 3, March 1996, pp. 423-428.
- A10: I. Mansour, A. D. Capobianco, and C. Rosa, "Non iterative vectorial beam propagation method with a smoothing digital filter", J. of Lightwave Technology, vol. 14, no. 5, May 1996, pp. 908-913.
- A11: F. Caccavale, F. Gonella, G. Caneva and I. Mansour, "Iterative Simplex - Finite Difference Method for the characterization of optical waveguides", J. of Lightwave Technology vol. 14, no. 8, August 1996, pp. 1825-1830.
- A12: F. Caccavale, F. Segato, I. Mansour, "A Numerical Study of Erbium Doped Active LiNbO3 Waveguides by the Beam Propagation Method", J. of Lightwave Technology vol. 15, no. 12, December 1997, pp. 2294 -2300.
- A13: F. Caccavale, F. Segato, I. Mansour, and M. Giancesin, "A Finite Difference Method for the Reconstruction of Refractive Index Profiles from Near-field Measurements", J. of Lightwave Technology vol. 16, no. 7, July 1998, pp. 1348-1353.
- A14: Safwan R. Wshah and Ibrahim M. Mansour, “A robust algorithm for face detection in color images based on color segmentation and neural network techniques”, Dirasat Journal, Engineering Sciences, volume 33, issue 2, October 2006, pp. 219 - 232.
- A15: Ibrahim M. Mansour and Samer J. AL-Abed, “A NEW ARCHITECTURE MODEL FOR MULTI PULSE LINEAR PREDICTIVE CODER FOR LOW-BIT-RATE SPEECH

CODING,” Dirasat Journal, Engineering Sciences, volume 33, issue 2, October 2006, pp. 128-137.

- A16: Al-Ghandoor, J.O. Jaber, I. Al-Hinti and I.M. Mansour, "Residential past and future energy consumption: Potential savings and environmental impact", Renewable and Sustainable Energy Reviews 13 (2009) 1262–1274.
- A17: Ibrahim Mansour, Jamal S. Rahhal, Hasan Farahneh, "Two Slot MIMO Configuration for Cooperative Sensor Network", Int'l J. of Communications, Network and System Sciences, Vol. 3, No. 9, Sep. 2010, pp. 750-754
- A19: Ibrahim Mansour, Ahmad Atieh, "Time Domain Algorithm for Calculating Spatially Measured Dispersion in Optical Fibers", Optics Communications, 285 (2012) 3748-3751.
- A20: G. AL Sukkar, M. N Al-Damluji, I. Mansour, "A MAC protocol with an improved connectivity for cognitive radio networks", EURASIP Journal on Wireless Communications and Networking (EURASIP JWCN), Vol. 2016, Issue 116, p.p. 1-9, April 2016, Publisher Springer
- A21: A. Atieh, M. Wa'ad, I. Mansour, "Effect of multiplexer/demultiplexer bandwidth on upgrading current 10G to 40 G optical communication systems", Jordanian Journal of Computers and Information Technology (JJCIT), Vol. 3, No. 2, August 2017, pp. 131-141.
- A22: I. Mansour, "Effective Visible Light Communication System for Underground Mining Industry", Indonesian Journal of Electrical Engineering and Informatics (IJEI), Vol. 8, No. 2, June 2020, pp. 331-339.
- A23: Jamal O. Jaber<sup>1</sup>, Mohammad O. Awadi, Ali S. Dalabeeh, Ibrahim M. Mansour, "Performance and socioeconomics of 1st wheeling PV project connected to medium grid in Jordan", Jordan Journal of Mechanical and Industrial Engineering (JJMIE), Vol. 16, No. 4, Sep. 2022, pp. 567-579.
- A24: Malik I. Alamayrah, Jamal O. Jaber, Adnan Bashir, Ali M. Othman, Ibrahim M. Mansour, Ali Dalabieh, Ahmad Al-Aboshi "E-Learning in faculties of engineering during COVID-19 pandemic in Jordan", Journal of Engineering Education Transformations, Volume 36, No. 2, October 2022, ISSN 2349-2473, EISSN 2394-1707.
- A25 Izneid, B.A.A., Faiza, H.S., Nowsherwan, G.A., Kanan, **M., Mansour**, I.M. "Numerical Design and Optimization of Near-Infrared Band-Pass Filter", Applied Mathematics and Information Sciences, **2023**, 17(4), pp. 713–722
- A26: Ramy Agieb, Ayman Amer, Ibrahim Mansour, Ahmed Solyman, Khalid Yahya, Ahmed Samir "Improving Energy Harvesting System from Ambient RF Sources in Social Systems with Overcrowding", International Journal of Crowd Science, Volume 8, No. 2, June **2024**, <https://doi.org/10.26599/IJCS.2023.9100022>, DO - 10.26599/IJCS.2023.9100022.
- A27: Emar, W.; Alzgool, M.; Mansour, I. "Reliability Enhancement of a Double-Switch Single-Ended Primary Inductance–Buck Regulator in a Wind-Driven Permanent Magnet Synchronous Generator Using a Double-Band Hysteresis Current Controller", Energies 2024, 17, 4868. <https://doi.org/10.3390/en17194868>

### Conference Proceedings and Presentations

- C1: I. Mansour, F. Caccavale, P. Chakraborty, G. Gianello, and M. Elena, "Optimization of Ti:LiNbO<sub>3</sub> optical waveguides by second diffusion of MgO thin films", Proceedings of First Symposium of European Vacuum Coaters, Anzio-Italy, 20-22 June 1994, pp. 263-274.

- C2: I. Mansour, A. D. Capobianco, G. Gianello, and C. G. Someda, "Uso ottimale di MgO nella realizzazione di guide e modulatori Mach-Zehnder in LiNbO<sub>3</sub>", Decima Riunione Nazionale di Elettromagnetismo, Cesena (FO) (21-23 Settembre 1994) Pontecchio Marconi (BO) (24 settembre 1994), pp. 93-96.
- C3: I. Mansour, F. Caccavale, G. Gianello, and M. Elena, "Characterization and optimization of Ti:LiNbO<sub>3</sub> optical devices by second diffusion of magnesium", presented in Convegno annuale, Abano, 2-4 Novembre 1994, to be published in *Il Vuoto*, 1995
- C4: I. Mansour, F. Caccavale, F. Gonella, G. Gianello, C. G. Someda, "Caratterizzazione di guide d'onda in niobato di litio ottenute mediante doppia diffusione di titanio e magnesio", FOTONICA '95, Sorrento 2-4 May 1995, pp. 285-288.
- C5: C. De Angelis, A. Tonello, I. Mansour, A. D. Capobianco, G. F. Nalesso, "Instabilità di modulazione in fibre ottiche birifrangenti bimodali", XI Riunione Nazionale di Elettromagnetismo, Firenze, 1-4 October 1996, pp. 529-532.
- C6: F. Caccavale, F. Segato, I. Mansour and P. Chakraborty, "Characterization and optimization of Er doped LiNbO<sub>3</sub> active optical waveguides", PHOTONICS-96, Madras, India, 9-13 December 1996.
- C7: I. Mansour, F. Caccavale, "Determination of the refractive index profiles for optical fibers and waveguides from the measured Near-Field intensity using a direct search simplex method", Jordan International Electrical & Electronic Conference, Amman, Jordan, 27-29 April 1998, pp. 159-163
- C8: I. Mansour, A. D. Capobianco, C. G. Someda, "The use of the FDM and a non-linear least square method to determine the refractive index profile from the measured Near-Field intensity," , XII Riunione Nazionale di Elettromagnetismo, Cetraro-Italy, 28 September-1 October 1998, 333-336.
- C9: I. Mansour, "The effect of terrain and buildings on wave propagation in mobile systems," Proceedings of the Mediterranean Microwave Symposium, 2002, MMS'2002 Cáceres June 26-28, 2002 Spain, p.p. 261-266
- C10: I. Mansour, Rana Ramadan, "Modeling and performance analysis of erbium doped fiber amplifiers used in long haul communication systems," The International Engineering Conference (IEC) "Mutah 2004", Faculty of Engineering, Mutah University – Jordan, 26-28 April 2004, p.p. 68

ابراهيم منصور، "نحو نظام نشر الكتروني للأبحاث العلمية المحكمة: تصميم وتنفيذ نظام تفاعلي لمجلة بحثية محكمة يعتمد تكنولوجيا الانترنت"، ندوة الاتصالات الحديثة وأثرها على التعلم عن بعد، 6-8/7/2004 جامعة اليرموك - الأردن

ابراهيم منصور، "نحو تفعيل البحث العلمي: تصميم نظام تفاعلي لأعضاء هيئة التدريس وأبحاثهم يعتمد تكنولوجيا الانترنت "مجلة دراسات - الجامعة الأردنية"، ندوة الاتصالات الحديثة وأثرها على التعلم عن بعد، 6-8/7/2004 جامعة اليرموك - الأردن

- C11: Ibrahim M. Mansour and Safwan R. Weshah, "A ROBUST ALGORITHM FOR FACE DETECTION IN COLOR IMAGES," Proceedings of the Fifth IASTED International Conference on VISUALIZATION, IMAGING, AND IMAGE PROCESSING September 7 - 9, 2005 Benidorm - Spain, pp. 109-114
- C12: Ibrahim M. Mansour and Samer J. AL-Abed, "Using sinusoidal model to implement sinusoidal speech coder with speech enhancer", 6th Jordanian International Electrical & Electronics Engineering Conference JIEEE March 14 – 16, 2006 Amman – Jordan, p.p. 1-6
- C13: Ahmad Atieh, John Mills, and Ibrahim Mansour, In Service Cumulative Optical Fiber Chromatic Dispersion Monitoring, CLEO / Pacific Rim 2007 - Seoul, Korea - August 26-31, 2007 pp. 943-945 (the 7<sup>th</sup> Pacific Rim Conference on Lasers and Electro-Optics).

- C14: Ibrahim M. Mansour, Samer J. AL-Abed, Ahmad. K. Atieh, "A new technique for regular pulse predictive coding of speech at low bit rates," Proceedings of the 6<sup>th</sup> International Conference on Electrical Engineering, ICEENG 2008, 27-29 May, 2008, Cairo, Egypt
- C15: Hasan O. Farahneh, Ibrahim M. Mansour and Ahmad. K. Atieh, " Measuring Polarization Mode Dispersion (PMD) in optical fibers using the nonlinear effect of Four-Wave Mixing (FWM)," Proceedings of the 6th International Conference on Electrical Engineering, ICEENG 2008, 27-29 May, 2008, Cairo, Egypt
- C16: Ibrahim M. Mansour, "E-learning: facts, achievements and prospects in the University of Jordan," Workshop on E-learning in the Mediterranean and Balkan Area, CIHEAM – MAIB / Distance Learning (DL) project, 1-2 Oct. 2009, Bari – Italy
- C17: Ahmad Atieh, Ibrahim Mansour, Zakariya Dalala, "Novel multilayer structure CWDM demultiplexer in silica", Asia Communications and Optics Conference (ACP2011), Proc. Of SPIE-OSA-IEEE, Vol. 8307, PP 830704: 1-6, 2011.
- C18 Ibrahim Mansour, "Using watermarking and astronomical measures in a novel automatic system for Muslims Unified Athan", the 8th Jordanian International Electrical and Electronics Engineering Conference, (JIEEEC 2013), Amman – Jordan, 241-246, April 16-18, 2013 .
- C19 Ahmad Atieh, Mais Wa’ad, Ibrahim Mansour, "Investigating the Effect of MUX Bandwidth on Hybrid Communication Systems Performance", Photonics North’2015, Ottawa, Canada, Jun 2015.
- C20 Ahmad Atieh, Mais Wa’ad, Ibrahim Mansour, "Investigating dispersion and nonlinearity interaction in optical fibers for hybrid optical telecommunication systems", Proceeding of Applied Electrical Engineering and Computing Technologies (AEECT) Conference, Dead Sea, Jordan, 2015.
- C21 Ahmad Atieh, Ibrahim Mansour "Integrated DWDM Multiplexer and Channel Monitoring Structure Using Dispersive Base-Layer Material," the Photonics North 2017 International conference, June 6-8, 2017.
- C22 Mohsen Heidari, Babak Rostami-Dogolsara, Ebrahim Heydari, Ibrahim M. Mansour, Babak Janjan, Shahram Bahadori-Haghighi "An insight into the Surface Plasmon-Polariton Propagation in the Graphene Heterostructure", *2022 International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI)*, Zarqa, Jordan, 2022, pp. 1-4, doi: 10.1109/EICEEAI56378.2022.10050475.
- C23 Moravej, Y., Boostani, R., Abusuilik, S., Mansour I. M., "The Design of the Logarithmic Detector in the Front-End Board of Sonography Systems" *2022 International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI)*, Zarqa, Jordan, 2022, pp. 1-5, doi: 10.1109/EICEEAI56378.2022.10050492
- C24 Mansour, I.M., Farahneh, H. "Comparison of Various Detection Algorithms in a 2×2 MIMO VLC Systems for Vehicular Application", 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence, EICEEAI 2023, 2023, 27-28 Dec, 2023, Zarqa, Jordan.
- C25 Varzaneh, M.G., Iranshahi, M., Mansour, I., Kamali-Omidi, N., Panah, A.S., "Implementing V/F Control of Three-Phase Induction Motors without the Use of Digital Processors for Electric Propulsion Applications", 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence, EICEEAI 2023, 2023
- C26 Heidari, M., Mansour, I., Vatani, S., Heydari, E. "Design of High-Performance Optical TE Modulator Based on Si/VO<sub>2</sub>/Si Structure", 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence, EICEEAI 2023, 2023

C27 Heidari, M., Mansour, I., Faramarzi, V., Janjan, B., Bahadori-Haghighi, S. "Horizontal Slot Waveguide for High-Performance Optical Modulator", 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence, EICEEAI 2023, 2023

#### Public lectures:

**L1:** Ibrahim Mansour, "E-Learning and Virtual University, Overview and Demonstration", public lecture, Al-Ahliyya Amman University - Faculty of Engineering, Thursday, March 10, 2011

**L2:** محاضرة بعنوان: "Electronic Waste Management" اليوم العلمي: كيفية التعامل مع النفايات الخطرة في الاردن وإدارتها"، 2011/10/18 ، نقابة المهندسين الأردنيين، عمان - الاردن.

#### Other activities or project:

- Design and implementation of an interactive web-based comprehensive system for a refereed journal "Dirasat online": This activity is a supported research project by the Deanship of Academic Research at University of Jordan. The system is available at <http://dar.ju.edu.jo>
- Conducting short courses for the University of Jordan Staff on E-Learning and distance education at Atheer Center
- Design and implementation of E-Learning System for the University of Jordan in Collaboration with Global Development Learning Network Center "Atheer"
- Work as Deanship of Academic Research Assistant for Information Technologies

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES:

- Electrical Engineering Department (EE)
- Faculty of Engineering and Technology (FET)
- University of Jordan
- IEEE
- Jordan Engineers Association

Supervised the following M. Sc. thesis published at University of Jordan:

ID	Title	Student Name	Year
	The effect of Yemeni weather conditions on the use of free space optical communication links within 5G mobile networks	Abdul khaleq Radman	2022
1	Routing and Wavelength assignment and Light Path Protection in Mesh All- Optical WDM Networks	Mamoon A. Diabat	2010
2	Text dependent speaker identification using neural network	Mohamed Yousef H. Mousa Zakariya	2009
3	Optical Wavelength Division Demultiplexing with Monitoring Channels	Mahmoud Dalalah	2008
4	Design enhancement of high quality, low bit rate speech coder	Wreikat, Laith	2007
5	Human face detection and recognition in color images based on color segmentation and neural network techniques	Weshah, Safwan R. S.	2005

6	Enhancement of the design of high quality, low bit rate speech coder based on analysis/synthesis sinusoidal model	al-Abed, Samer Jamil A.	2005
7	Measuring polarization mode dispersion in optical fibers using four-wave mixing nonlinear effect	Farahneh, Hasan Othman	2004
8	Decoding of turbo codes for wideband CDMA systems	Hijazi, Basil	2003
9	Tropospheric range-error corrections of the global positioning system using extra atmospheric parameters applied to Aircraft navigation	Al-Jahmi, Amer Mustafa	2003
10	Modeling, performance analysis, and optimization of erbium-doped optical amplifier	Ramadan, Rana Ahmad	2000

#### Experience Record of Ibrahim Mansour

1/9/1981 – 14/6/1986	Undergraduate student in the Department of Electrical Engineering – Faculty of Engineering and technology, <a href="#">University of Jordan</a> .
15/9/1986 – 15/9/1988	Jordan Army service.
18/1/1989 – 18/6/1990	Electrical engineer in the Customs Department – Jordan.
18/2/1989 - 16/3/1989	Short course of Customs Procedures (100 hrs) held in Customs department, Amman – Jordan.
18/6/1990 – 15/1/1992	Electrical Engineer in Films and Equipment LTD. (Salbashian Company). Responsible for installation and services of: film and paper processors; computer-controlled printers; mini-lab systems for photofinishing; x-ray automatic processors; graphic-art cameras and processors.
15/1/1992 – 12/1/1993	Teaching Assistant in the Department of Electrical Engineering – Faculty of Engineering and Technology, University of Jordan.
6/1/1993 – 8/1/1997	Scholarship to the <a href="#">Department of Information Engineering</a> in the University of Padova – Italy to obtain the PhD degree in Optical communications.
23/2/1997 – 4/9/2010	Assistant Professor in the <a href="#">Department of Electrical Engineering – Faculty of Engineering and technology, University of Jordan</a>
13/9/1997 – 15/9/1997	Education Workshop for new staff members (9 hrs) held in the University of Jordan
25/6/2000 – 6/7/2000 9/7/2000 – 20/7/2000 23/7/2000 – 3/8/2000 6/8/2000 – 17/8/2000	Tutoring INTERNET, web page design and e-learning software package (Web CT) short courses for the University of Jordan staff members in collaboration with colleague Dr. Jamal Rahhal.
17/9/2000 – 17/9/2006 (6 academic years)	Dean Assistant for IT affairs in the <a href="#">Deanship of Academic Research</a> – University of Jordan
8/10/2000 – 12/10/2000	Workshop "Basic Web technology Skills For courseware Development" an Activity of the UNDP / UNESCO SPPD Project.
25/10/2000	جائزة رمزية لمشاريع التخرج لطلبة كليات الهندسة "Pride from IEE Jordan", Project title: "Jordan University – Virtual University", students: Basil Alahmad; Luay Rabah; Shadi Alsaed; yahiya Saadeh.
21-23/11/2000	ندوة المواطنة بين "Attending and member of the organizing committee of "الباحث العلمي الجامعي ومشاريع القطاعات الانتاجية في العالم العربي", Deanship of Academic Research – University of Jordan
20-29/8/2001	Attending the Summer University, "Bases of digital signal processing: from the software to the implementation of DSP card, and FPGA", Lebanese University – Institute of Technology, Saida - Lebanon

25/9/2001 – 27/9/2001	Information Technology services and coordination for the 5 <sup>th</sup> International Nursing Conference held in the University of Jordan.
27-29/4/1998	Attending and participating in "Jordan International Electrical & Electronic Conference", Amman, Jordan,
28/9/1998 – 1/10/1998	Attending and participating in "XII Riunione Nazionale di Elettromagnetismo", Cetraro-Italy,
26-28/6/2002	Attending and participating in "Mediterranean Microwave Symposium, 2002", MMS'2002 Caceres - Spain
18/9/2002	Pride from <a href="#">Jordan Engineering Association</a> (JEA) " جائزة رمزية لمشاريع " , "التخرج لطلبة كليات الهندسة الكهربائية في الجامعات الاردنية", Project title: "Jordan University – Virtual University", students: Basil Alahmad; Luay Rabah; Shadi Alsaed; Yahiya Saadeh.
26/5/2003	Invited speaker by IEEE Jordan section, lecture title: "E-Learning and Virtual University", Saeed Moftee auditorium, University of Jordan
26-28/4/2004	Attending and participating in "The International Engineering Conference (IEC) "Mutah 2004", <a href="#">Mutah University</a> – Jordan,
13/6/2004	Chief member of a technical committee to prepare specifications of an integrated sound system for the University of Jordan Stadium to be used during the annual Graduation Ceremony.
6-8/7/2004	Attending and participating in "Workshop of Modern communications and their effect on distance learning", <a href="#">Yarmouk University</a> – Irbid, Jordan
26-27/4/2005	Member of the organizing committee and Information Technology services and website coordination for the " مؤتمر التربية الخاصة العربي / " الواقع والمأمول" held in the University of Jordan.
7 – 9/9/2005	Attending and participating in the "Fifth IASTED International Conference on VISUALIZATION, IMAGING, AND IMAGE PROCESSING", Benidorm - Spain
8/11/2005	The University of Jordan Computer Driving License "UJCDL"
14 – 16/3/2006	Attending and participating in the "6th Jordanian International Electrical & Electronics Engineering Conference", JIEEEEC, Amman – Jordan
August 26-31, 2007	Participating in the "7 <sup>th</sup> Pacific Rim Conference on Lasers and Electro-Optics", CLEO / Pacific Rim 2007 - Seoul, Korea
27-29/5/2008	Attending and participating in the "6 <sup>th</sup> International Conference on Electrical Engineering", ICEENG 2008, , Cairo, Egypt
12/9/2008 – 21/12/2009	Director of the Global Development Learning Network (GDLN) Center " <a href="#">Atheer</a> " at the University of Jordan. The center is responsible for e-learning and distance learning services, it is equipped with video conferencing facility connected with outside through Integrated Services Digital Network (ISDN) telephone lines, digital satellite and Internet Protocol network (IP)
1-2/10/2009	Attending and participating in the "Workshop on E-learning in the Mediterranean and Balkan Area", CIHEAM – MAIB / Distance Learning (DL) project, Bari - Italy
October 2012- October 2013	Head of Department of Electronics and Communications Engineering – Al-Ahliyya Amman University, Amman- Jordan
21/9/2010 – 2014	Assistant Professor in the Department of electronics and communication engineering, Faculty of Engineering, <a href="#">Al-Ahliyya Amman University</a>
2014 -August 2021	Associate Professor / Electronics and communication Engineering Department Al-Ahliyya Amman University
18/9/2022 - now	Associate Professor / Electrical Engineering Department - Zarqa University

Last updated: **Wednesday, February 12, 2025**