

AL ASFAR, JAMIL JAWDAT JUM'A, PH. D.



Date of birth:

April 1st, 1964

Nationality:

Jordanian - National Number: 9641032105

Passport #:

J 468528, Place & Date of issue: Amman (Sweileh) on June 25th, 2007

Marital status: Married / one kid - Sedrah

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EDUCATION:

Ph. D. in Mechanical Engineering, The University of Jordan, Amman-Jordan, 2004-2007. (Cum. Avg. **3.85/4**).

- **Ph. D. Dissertation Title:** "Modeling and Testing of a Fuel Cell Utilizing Local Sand for Hydrogen Storage".

M. Sc. in Mechanical Engineering, The University of Jordan, Amman-Jordan, 1997.

- **M. Sc. Thesis Title:** Computational Aspects of Compressible Interacting Boundary Layers.

B. Sc. in Mechanical Engineering, Yarmouk University, Irbid-Jordan, 1985.
(University Honor - Cum. Avg. : **85.1%**)

Under- graduate project: Estimating Thermophysical Properties of Combustion Gases of the Gas Turbine Engine using Peng Robinson Equation of State.

Jordanian General Secondary Education Certificate Examination for 1981/Scientific Stream, and a grand total average of **(95%)**.

Diploma: Attended a two-week comprehensive training course (Diploma) on monitoring, evaluation and **management** of technical cooperation programs, organized by ILO/International Labour Organisation, held in Amman, May 5-16, 2002, Supervised by Italian government.

Published Engineering and Economic Papers:

Al Asfar, J. J., and Salim, A. “Case Study and Analysis of the Maintenance Structure in a Steel Factory in Jordan”, Accepted for presentation and publication in PCO-10 (Fifth Global conference on Power Control and Optimization) which is to be held in Dubai – UAE, June 1-3, 2011.

Al Asfar, J. J. and Salim, A. “Case Study and Analysis of the Production Processes in a Steel Factory in Jordan”, World Renewable Energy Congress / WREC 2011, 8-13 May, 2011, Linkoping – Sweden.

Al Asfar, J. J., Hammad, A., Sakhrieh, A. and Hamdan, M. A. “Combustion Simulation of Jordanian Oil Shale.”, Global Conference on Renewable Energy and Energy Efficiency for Desert Regions / GCREEEDER 2011, 26-28 April, 2011, Amman-Jordan.

Fasfous, A., **Al Asfar, J. J.,** Hamdan, M. A., Al-Salaymeh, A., Sakhrieh, A., Al-hamamre, Z. and Al-bawwab, A. **“Theoretical Investigation Of The Adsorption Solar Air Conditioning Performance In Jordan”,** Global Conference on Renewable Energy and Energy Efficiency for Desert Regions / GCREEEDER 2011, 26-28 April, 2011, Amman- Jordan.

Al Asfar, J. J., Hamdan, M. A. , Yamin, J. and Abdullat, Y. **“Theoretical Study of Hydrogen Flow in Porous Medium of Local Sweileh Sand”,** International journal of Energy Conversion and Management, vol. 51 (2010), pp. 1727-1734.

Haj Khalil, R, Sakhrieh, A., Hamdan, M. A. and **Al Asfar, J. J.** “Effect of Pressure and Inlet Velocity on the Adiabatic Flame Temperature of a Methane-Air Flame”, Jordan Journal of Mechanical and Industrial Engineering (JJMIE), Volume 4, Number 1, Jan.2010, ISSN 1995-6665.

Al Asfar, J. J., Hamdan, M. A. , Yamin, J. and Abdullat, Y. **“Building and Testing of a Simple PEM Fuel Cell.”,** GCREEEDER-2009 international conference, Amman-2009.

Al Asfar, J. J., Hamdan, M., Yamin, J., and Abdullat, Y. “Experimental Investigation of Hydrogen Storage in Local Materials”, Alternative Energy Applications Conference, Kuwait, 2-5 November (2009).

Al Asfar, J. J. **“Investment in Tourism in Jordan”,** Tourism in Jordan: Limitations and Visions, Mu'tah University / Jordan, 2000.

Al Asfar, J. J. and Zurigat, Y. “Computer Simulation of Interacting Compressible Boundary Layers”, published in November 1997, in Syrian International Scientific Week – 37, held in Damascus University, Damascus-Syria.

Al Asfar, J. J. and Zurigat, Y. “Numerical Simulation of Compressible Viscous Flow over a Surface with a Roughness Element ”, published in June 1997, in Jordan International Mechanical Engineering Conference: JIMEC'97, held in the University of Jordan, Amman-Jordan.

Najjar, Y. and Mansour, A. "Evaluation of Peng-Robinson Equation of State in Calculating Thermo-physical Properties of the Gas Turbine Combustion Gases", J. Combustion Science and Technology, Vol. 56, pp. 77-84, 1987. *Undergraduate project.*

Najjar, Y. and Mansour, A. "Evaluation of Peng Robinson Equation of State in Calculating Thermo-physical Properties of Combustion Gases", International Journal of Chemical Engineering Communications, Vol. 61, pp. 327-345, 1987. *Undergraduate project.*

WORK EXPERIENCE:

(i) 25 YEARS IN ACADEMIC, INTERNATIONAL, PRIVATE AND PUBLIC INSTITUTIONS:
(Feb. 2009- still)

Assistance Professor

The University of Jordan – Faculty of Engineering and Technology -Mechanical Engineering Department, during which I teach the following courses in addition to supervising 2 Master Degree students and 5 undergraduate projects (17 students):

- (i) Thermodynamics-I,**
- (ii) System dynamics and Control,**
- (iii) Fluid Mechanics I,**
- (iv) Fluid Mechanics II,**
- (v) Engineering Measurements,**
- (vi) Mechanical vibrations,**
- (vii) Numerical Analysis-Graduate course,**
- (viii) Design of Sanitary systems,**
- (ix) Engineering Mechanics – Statics and Dynamics,**
- (x) Engineering Numerical Methods,**
- (xi) Computer Programming for Engineers, MatLab**
- (xii) Thermal Fluid Sciences**
- (xiii) Engineering Economy**
- (xiv) Engineering Mechanics – Dynamics**
- (xv) Thermodynamics Laboratory**
- (xvi) Thermal Fluid Sciences Laboratory**

(Sep. 2011- Jan 2012) Assistance Professor-part time lecturer- German Jordanian University – Jordan, during which I taught
(i) Fluid Mechanics I,

(Sep. 2007- Jan. 2009) Assistance Professor- Philadelphia University/Jordan
Faculty of Engineering
Mechatronics Engineering Department, during which I teach the following courses in Fall and Spring semesters, 2008 :

- (i) Robotics,**
- (ii) Engineering Mechanics – Dynamics,**
- (iii) Pneumatic and Hydraulic Systems,**

- (iv) **Thermal Fluid Sciences,**
- (v) **Theory of Machines,**
- (vi) **Mechanical Vibrations,**
- (vii) **Supervisor of 5 undergraduate projects,**
- (viii) **Automation and Control lab., and**
- (ix) **Pneumatic and fluid control lab.**

**(Feb. 2007- Jan 2009) Assistance Professor-part time lecturer-
The University of Jordan – Faculty of Engineering and
Technology -Mechanical Engineering Department, during
which I teach the following courses in Spring, Summer
semesters, 2007, Spring, 2008 and Fall, 2008/2009:**

- (i) **Mechanical Vibrations,**
- (ii) **Engineering Mechanics – Dynamics,**
- (iii) **Engineering Numerical Methods,**
- (iv) **Computer Programming for Engineers, MatLab**
- (v) **Thermodynamics Laboratory.**

(Jan. 2007-still)

Engineering and Management Consultant

Investment promotion and investor facilitation(One stop Window, one stop service) expert. Studies, Planning, Monitoring and Performance Evaluation expert.

During which I achieved the following tasks:

- 1) Assisted the Government of Yemen** in simplifying investment procedures and establishing an Investment Services Center (ISC) in Aden, including organization structure manual, job description and staff training, during the period: June - Aug. 2007.
- 2) Assisted Jordan Investment Board** as advisor of the CEO in Jordan negotiations with Canada concerning the signature of a BIT(Bilateral Investment Treaty), during the period Jan. 10 - Feb.3, 2007.
- 3) Conducted feasibility, restructuring and management appraisal studies** for several private sector businesses.

**(Mar. 2005- Dec. 2006) Director of Studies, Research, Legal Services,
Information Technology and Monitoring Department
Jordan Investment Board, Amman- Jordan. During which:**

- 1) I was nominated by the minister of industry and trade as: Acting CEO of JIB through the period 21-23 June, 2006 during one of CEO's outside visits to Gulf region.**
- 2) I was authorized to initial (5) five Bit's agreements** after detailed negotiations with **UAE**(June, 2005), **Thailand** (December, 2005), **Slovakia** (May, 2006 *in Slovakia*), **Pakistan**(June, 2006 *in Pakistan*) and **India** (August 2006 *in India*); in addition to MOU with **Algeria** (April, 2006) and **Indonesia** (December, 2005) and **Syria** (August, 2006).
- 3) I was also the coordinator of JIB criteria working groups**

and contact officer of King Abdullah II Award for Distinguished Governmental Performance and Transparency, for years 2005 & 2006.

- (Jan. 2003- Feb. 2005) **Senior Projects Officer / Follow-up**
Jordan Investment Board, Amman- Jordan.
- (Dec. 2000- Nov. 2002) **National Project Director, UNDP**
United Nations Development Program - Amman
During which I achieved many important investment promotion tasks such as sectoral studies, training center, one stop service(OSS) implementation and investor tracking system in addition to my duties as National Director of project no. JOR/97/008 - Investment Promotion: Support for Strategy Development and Institution Building in Jordan.
- (Jan. 1998- Dec. 2000) **Director of Technical Cooperation Programs with NGOs/ Technical Director of the Director General' Bureau**
Jordan Investment Board (JIB), Amman- Jordan.
During which I practiced the following Duties:
i- Project manager for JIB's project with UNDP/Amman, coordinating JIB's technical and financial cooperation programs with UNCTAD, UNIDO, IMF, World Bank, FIAS, EC,..., etc. **Mainly the road map study "Simplifying Investment Procedures"** and preparation of JIB' Strategy and structure.
ii- Secretary of JIB's Board of Directors which is headed by H.E. Minister of Industry and Trade.
iii- Preparing the agendas and minutes of meeting of JIB's Higher Council for Investment Promotion, which is headed by H.E. Prime Minister.
iv- Two-year member of JIB's personnel committee.
v- Head of JIB's local tenders committee.
vi- Head of JIB's "One-Stop-Service Team" responsible for **computerizing and simplifying all investment and licensing procedures** .
vii- Membership of Jordan Society for Quality.
viii- Membership of JIB's organizational planning and policies committee.
- (Oct. 1997- Dec. 1997) **Senior Industrial Projects Officer**
Investment Promotion Corporation, Amman- Jordan.
- (Oct. 1996- Sep. 1997) **Director of Follow-up Division**
JIB/ (Investment Promotion Corporation), Amman- Jordan.
During which I prepared a work-plan to computerize the procedures performed by JIB in issuing the letter of exemption, recording imported fixed assets, receiving the application forms from investors, and computerizing the

statistical reports of approved investments; and also headed a team of JIB' staff to implement this work-plan.

(Jul. 1995 - Oct. 1996) Research Engineer / Studies & Research Department Investment Promotion Corporation, Amman- Jordan. During which I was responsible for studying and reviewing all International / Bilateral agreements on reciprocal protection and promotion of investments between Jordan and other countries from legal, procedural and technical points of view, before initializing these agreements by the Director General of JIB, or me on behalf of him, so that it could be signed by the government of Jordan.

(Sep. 1992 - Jun. 1995) Director of Engineering and Interior Design Divisions- National College, Amman- Jordan.

During which I practiced the following duties in addition to my work, which includes supervising around 25 teachers / trainers / technicians of varied academic degrees, and around 850 students :

I – Membership of personnel committee

II- Head of Ministerial Comprehensive Experimental Exam Committees (Engineering sections).

(Sep. 1991 – Aug. 1992) Mechanical Engineer (Teacher and training supervisor)/ Mechanical Engineering Division, National College, Amman

(Sep. 1985 – Aug. 1991) Mechanical Engineer / Studies, Contraction, Sales engineer, and teaching assistant in Jordan, and in UAE.

(ii) REVIEWER OF ENGINEERING PAPERS SUBMITTED TO:

(i) ISMA : THE FIFTH INTERNATIONAL SYMPOSIUM ON MECHATRONICS ENGINEERING, HELD AT PRINCESS SOMAYYH UNIVERSITY-JORDAN DURING THE PERIOD MAY 27-29, 2008.

(ii) IEEE - SSD'08 THE SIXTH INTERNATIONAL CONFERENCE ON SYSTEMS, SIGNALS AND DEVICES HELD AT PHILADELPHIA UNIVERSITY- JORDAN DURING THE PERIOD JULY 20-22, 2008.

(iii) JIMEC'6 AND JIMEC'7: THE SIXTH AND SEVENTH INTERNATIONAL JORDAN MECHANICAL ENGINEERING CONFERENCE, HELD IN AMMAN-JORDN DURING THE PERIOD OCTOBER 20-22, 2007, AND OCT. 2010.

(iii) PARTICIPATED IN FACULTY FOR FACTORY PROGRAM/SUMMER, 2008(FF 2008/128) WITH JORDAN CONSOLIDATED STEEL COMPANY.

(iv) SUPERVISOR OF THE FOLLOWING UNDERGRADUATE PROJECTS:

(A) SMART CAR STEERING DESIGN AND IMPLEMENTATION

(B) GYROSCOPIC MOTION MODELING, SIMULATION AND IMPLEMENTATION

(C) TURN-TABLE CONTROL MODELING, SIMULATION AND IMPLEMENTATION

(D) STEAM BOILER MODELING, SIMULATION AND IMPLEMENTATION

(E) MODELING AND SIMULATION OF A 3R ROBOTIC ARM/

(F) DESIGN OF HVAC, SANITARY AND COLD WATER SUPPLY FOR A

COMPLEX COMMERCIAL BUILDING (MALL) IN AMMAN.

(G) BUILDING AND TESTING OF ICE CUBE MAKER USING DEAD SEA WATER

(H) DESIGN AND BUILDING A SOLAR COOLING SYSTEM FOR A BUILDING

(I) DESIGN OF SANITARY AND COLD WATER SUPPLY FOR A HIGH RISE BUILDING

(V) EXAMINER OF ONE PH. D. DEFENCE IN MEMS FIELD, TWO M. SC. STUDENTS IN THE UNIVERSITY OF JORDAN, AND ALL GRADUATION PROJECTS IN MECHATRONICS ENGINEERING DEPARTMENT-PHILADELPHIA UNIVERSITY, AND MANY UNDERGRADUATE PROJECTS IN THE UNIVERSITY OF JORDAN.

SKILLS:

- i- **In the field of Academic University Teaching and Research:**
Ability to teach all mechanical engineering courses, whether thermal or applied sciences, such as Statics, Strength of materials , thermodynamics, Dynamics, Mechanical vibrations, Finite element methods, modeling and simulation of mechanical systems, Theory of machines, fluid mechanics, heat transfer, Engineering economics, ..., etc.
- ii- **In the field of Feasibility Studies and Capacity Building:**
Practical experience and full knowledge in preparing, conducting and evaluating related studies, SWOT analysis, laying out administration procedures.
- iii- **In the field of International bilateral and multilateral negotiations:**
Practical experience and full knowledge in negotiations to sign investment Bits between Jordan and other countries and regions on reciprocal promotion and protection of investments agreements .
- iv- **Ability to use different computer software such as COMFAR, Pro-engineer, MathCad, Matlab, Ansys, Fluent, ..., etc.**
- v- Fluent in Arabic and English, little French.
- vi- **Management, Monitoring, Development and leadership skills:** Practical experience and ability to study, analyze, and suggest appropriate management structure, restructuring, and prepare administration, financial, and personnel systems for different institutions(public or private), with experience in conducting presentations in Arabic and English languages, preparing annual working plans, strategic objectives, job-description, ..etc.
- vii- Attended a two-week comprehensive training course on using **COMFAR** software in preparing and the feasibility studies, organized by UNIDO in Amman, Jan. 28th—Feb. 7th, 2006.

SUCCESS BUSINESS STORIES

- 1) PARTICIPATED IN FACULTY FOR FACTORY PROGRAM IN SUMMER 2008, AND CONDUCTED A TECHNICAL AND MANAGEMENT STUDY TO ENHANCE THE PERFORMANCE OF JORDAN CONSOLIDATED STEEL COMPANY IN ZARQA AREA, JULY-SEPTEMBER 2008.

- 2) ASSISTED THE **GOVERNMENT OF YEMEN** IN SIMPLIFYING INVESTMENT PROCEDURES AND ESTABLISHING AN INVESTMENT SERVICES CENTER (ISC) IN ADEN, INCLUDING ORGANIZATION STRUCTURE MANUAL, JOB DESCRIPTION AND STAFF TRAINING, DURING THE PERIOD: JUNE - AUG. 2007.
- 3) CONDUCTED FIELD, ADMINISTRATIVE AND EVALUATION STUDY FOR AWADY COMPANY FOR CARAVANS, 2004.
- 4) ASSISTED RAWAS COMPANY FOR CENTRAL HEATING SUPPLIES IN CAPACITY BUILDING AND REGULATING ADMINISTRATIVE, SALES AND MAINTENANCE PROCEDURES, 2003.
- 5) CONDUCTED FIELD, ADMINISTRATIVE AND EVALUATION STUDY FOR NRC COMPANY FOR AIR CONDITIONING SUPPLIES, 2005.
- 6) CONDUCTED A PREFEASIBILITY STUDY FOR FLEAFLE COMPANY TO ESTABLISH A GARMENT AND BED SKIRTS FACTORY IN JORDAN.
- 7) CONDUCTED A PREFEASIBILITY STUDY FOR MR. YAHYA RAWAS TO ESTABLISH A COMMERCIAL CENTER(**SAHARA MALL**) IN ABU NSEIR AREA IN AMMAN, JAN. 2007.
- 8) ASSISTED JIB IN THEIR NEGOTIATIONS WITH CANADA REGARDING THE SIGNATURE OF A BILATERAL INVESTMENT TREATY, FEB. 2007.

Previous Membership of National Economic Teams:

Head of Institutional sub-pillar national working group formulated to implement the national agenda recommendations in enhancing investment pillar(March-May, 2006).

Member of Investment Promotion Strategy Formulating Committee, participated in meetings held through the conference: "Investment Opportunities and Prospects: Towards National Investment Promotion Strategy", organized by Middle East Studies Center/Amman, held in Amman-Jordan through the period 17-18 July, 2001.

Member of national team responsible to prepare a national report on sustainable development in Jordan, September 2000.

Member of national economic team as counterpart to WorldBank team concerning the Country Assistance Strategy, for the period 2006-2009.

Member of national team responsible for merging economic tools between Jordan and Syria, 2005(envecon).

Member of national team responsible for studying and analysing WTO members suggestions on modifying articles V, VIII and X of the **GATT agreement**, 2005.

Conferences, Workshops and Seminars Attended :

Participated in the Second German-Jordanian Mechanical Engineering workshop on Energy and Fluid Mechanics, held in The University of Jordan-Amman during the period 10-17 October, 2009 as speaker, and chairman of one of the workshop sessions.

Participated in the First German-Jordanian Mechanical Engineering workshop on Energy, oil shale and Fluid Mechanics, held in The University of Jordan-Amman during the period 20-22 February, 2008 as chairman of one of the workshop sessions.

Participated in the Sixth Jordan International Mechanical Engineering Conference: **JIMEC'6**, held in Amman-Jordan during the period 20-22 October, 2007.

Represented Jordan (H.K.J) and participated in a three-day **WIEF**: World Islamic Economic Forum on economic and trade bilateral relations between Islamic Countries, 2nd WIEF, held in **Islamabad/Pakistan** during the period 5-8 Nov. 2006.

Participated in a three-day JMC: **Joint ministerial committee** meetings on economic and trade bilateral relations between Jordan and **India**, held in **New Delhi/India** during the period 20-24 August 2006. Also, represented JIB in the sideline negotiations with **Indian side** on signing an agreement on the reciprocal promotion and protection of investments.

Participated in a three-day JMC: **Joint ministerial committee** meetings on economic and trade bilateral relations between Jordan and **Pakistan**, held in **Islamabad /Pakistan** during the period 26-27 June 2006. Also, represented JIB in the side negotiations with Pakistani side on signing an agreement on the reciprocal promotion and protection of investments.

Nominated by JIB and the government of Jordan, and attended a two-day economic transition conference during the period 6-7 June, 2006, on **Euro-Med**. Economic development and investment, organized by European Commission, held in **Brussels-Belgium**.

Attended the Islamic Development Bank seminar on Trade Facilitation of **OIC** (Countries of Islamic Organization) countries, held in **Abu Dhabi-UAE**, during the period 22-24 May, 2006.

Attended a two-week comprehensive training course on using **COMFAR** software in preparing and the feasibility studies, organized by **UNIDO** in Amman, Jan. 28th—Feb. 7th, 2006.

Attended the **ESCWA/UNCTAD EGM/** Regional Experts conference on **FDI/**foreign direct investment policies in the region countries, held in **Beirut-Lebanon**, during the period 20-22 December, 2005.

Attended the **UNCTAD/WTO/ITC Arab Ministerial conference** held in Amman during the period 26-28 September, 2005 in order to arrange for **WTO sixth ministerial meeting** that will be held in **HongKong/China** in December, 2005.

Nominated by JIB to represent Jordan, and attended a two-day international **OECD-MENA Experts** of investment treaties meeting, hosted by **Morocco** Economic Ministry and held in **Rabat**, through the period 26-27 June, 2005.

Nominated by **UNDP/ JIB**, and attended a four-day regional conference on “Industrial Policies in the Arab Countries within Global Trend” co-organized by **ESCWA** and **Frederich Ebert Stuffing**, held in Amman-Jordan through the period 14-17 January, 2001.

Nominated by JIB, and attended a one-day national seminar on “ **Tourism in Jordan: Limitations and Visions**” and **presented a paper about Investment in Tourism**,

organized by Mu'tah University / Jordan, and held in Kerak-Jordan on 22nd November, 2000.

Nominated by **UNDP**, JIB and the government of Jordan, and attended a two-week Seminar on "Institutional Capacity for Effective Development: The role of trade and investment" organized by CASIN / Center for Applied Studies and International Negotiations, and held in **Geneva-Switzerland** through 8-17 November 2000.

Nominated by JIB and the government of Jordan, and attended a one-week seminar/conference on "New Techniques and Methodologies for the Promotion of the Export of Services", and "The New Economy and E-Commerce" through the activities of CYSERV'2000:5th Euro-Mediterranean Services Forum and Exhibition organized by the government of Cyprus and UNCTAD/ITC, and held in **Nicosia-Cyprus** through the period 24-29 October 2000.

Attended as a **moderator** a two-day regional Investment conference for the fourth session, on "Investment Promotional Techniques in the Arab Countries" organized by **IAIGA/JIB/FIAS**, and held in Amman-Jordan through the period 30-31 October, 2000. Nominated by JIB and the government of Jordan, and attended a three-day Investment conference in Feb/March 2000, on Euro-Med. Economic development and investment organized by Portugal and Tunisia, held in **Lisbon-Portugal**.

Nominated by JIB, and attended a one week regional seminar in November-December 1999, on Environment and Health Impact Assessment of Development projects organized by WHO, CEHA/ Jordan & IDB, held in Amman-Jordan.

Nominated by JIB, and attended a one week Regional seminar in November-December 1999, on Industrial Property Right Status in the Arab Countries organized by the Arab Organization for Industry and Mining, IDB & the Higher Council for Science and Technology/Jordan, held in Amman-Jordan.

Nominated by JIB and the government of Jordan, and attended a one-week conference in May 1999, on international development and investment: Organized by UNCTAD and held in **Cairo-Egypt**, as head of Jordanian Delegation.

Nominated by JIB, and conducted a lecture in Arabic about "the investment environment in Jordan", in July, 1998 through the program: "How to begin your small project", organized by Jordanian Administration Institute – Amman.

Nominated by JIB, and conducted a presentation in English about "the investment environment in Jordan", on November 26th, 1998 during the meetings of the General Association of the **International Union of Islamic Banks**, held in Amman.

Nominated by JIB, and attended a one-week conference in Oct. 1997, on international development and investment: BORITEC' 97, held in **Milan-Italy** as **head** of Jordanian Delegation.

Nominated by JIB to attend a two-day seminar in June 1996, on Private Power Projects, held by NEPCO (National Electric Power Company), Amman.

Nominated by JIB, and attended a one week seminar in May 1997, on Management Appraisal and Development training program, held by Management Consultant Group International, Amra Hotel – Amman.

Nominated by JIB, and attended the meetings about the “EU-MED: Euro-partnership agreements held in June 1997 in Amman.

Nominated by JIB, and attended the Global Panel of Jordanian and Netherlands Businessmen meetings held in February 1998 in Amman.

Invited by the ministry of Trade and Industry/ Government of Jordan, and attended a one-day seminar held in Amman on January 22nd, 2001, to discuss the strengths and weaknesses of Jordan Industrial Sector.

Personal References

- 1- H. E. Dr. Muntaser Oklah, Jordanian Ambassador in Brussels, Ex-Secretary General of Ministry of Industry and Trade, former Director General of Jordan Investment Board (JIB).
- 2- H.E. Dr. Basem Awadallah, Ex-Director of H.M. King Abdullah II Bureau, Ex-Minister of Planning.
- 3- H. E. Mr. Nael El Asa'ad, His Majesty King Abdullah II's Emissary for Africa & Representative of the Jordan Armed Forces in Africa.
- 4- H. E. Dr. Khaled Touqan, Minister of Energy and mineral Resources, former President of Balqa Applied University, Ex- Minister of Education.
- 5- Prof. Dia Arafah, Ex-Vice president of The University of Jordan.
- 5- Prof. Muhammad A. Hamdan, Ex-Dean of Engineering College-The University of Jordan, Dean of Engineering College-Al Zaytoonah University-Jordan.
- 6- Mr. Yahya Rawas, general manager of Sahara Mall and Al Chahbaa Company for Boilers and central heating services.
- 7- Mr. Mazin Awady, general manager, Al Awady company for manufacturing caravans.
- 8- Eng. Muhammad Najjar, general manager, NRC company for engineering supplies.
- 9- Eng. Amjad Abweh, general manager, Integrated Systems company for Computer supplies.
- 10- Eng. Muhammad Awwad, general manager, Emitac, Agent of hp products in Jordan, company for Computer supplies.