

Yousef A. Al-Abdallat, Ph.D.

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Full Professor in Industrial Engineering, Sr. management consultant in Research, Development and Innovation (RD&I), +20 years of experience in transforming theoretical and academic subjects into practical and experimental reality (industry and academia), familiar with topics of Innovation, Digital Transformation, linking Academic Institutes with Industrial Sectors and business continuity based on Strategic Partnership. Participated in European and International projects, cooperated with universities, private sectors, government authorities, vocational training centers and business associations, with a focus on the exchange of knowledge, technology, innovation culture and youth employability.

Professional Experience / Managerial Positions

Position	Entity	Duration	Main Responsibility
Program Manager- The National Program For linking Academic Institutes with Industrial Sectors “Faculty for Factory” (FFF Program)	National Level- University of Jordan	May 2008 – Now	<ul style="list-style-type: none">▪ Developing the model and expanding program offering and enhancing its quality▪ Facilitating communication among program's cross-functional team (industry and academia)▪ Managing budgets, resources and reporting on fund allocation▪ Coordinating and running marketing events and workshops▪ Reporting on program performance to University President and executives▪ Identifying opportunities for continual improvement and developing partnerships▪ Strategic collaborations model & Project Management
Jordan representative - Jordan Engineers Association The Arab Commission for Engineering and Technology Accreditation,			<ul style="list-style-type: none">▪ Activating partnership with Arab and international accreditation bodies and exchanging experiences in the field of quality engineering education and accreditation.
Member, President’s Assistant of (AQACHEI) of		June	<ul style="list-style-type: none">▪ an independent legal body linked to the “Presidency of Ministers”,

Position	Entity	Duration	Main Responsibility
the Commission Accreditation and Quality Assurance of Higher		2023	aiming at improving the quality of higher education in the Kingdom and ensuring the quality of its outputs using measurement standards that are in line with international standards
Chairman, Professional Qualification and Accreditation Committee	Jordan Engineers Association	July 2022	▪
Vice Chairman, Board of Directors	Jordan Enterprise Development Corporation "JEDCO"	June 2022	▪ government independent corporation led by a board of directors representing the public and private sectors equally and chaired by the Minister of industry, trade and supply
Member, Board of Trustees	Al-Hussein Technical University	June 2022	▪ a hub of national and international technology and other businesses, HTU provides education and training in Science, Technology, Engineering and Mathematics (STEM)
Dean of Student Affairs	German Jordanian University	Sep 2013 – Sep 2015	<ul style="list-style-type: none"> ▪ Leading and managing the overall student affairs portfolio, including all co-curricular and outside the-classroom student activities ▪ Supervising various campus programs and serving as a liaison between university administrators and students/student council ▪ Guiding the intellectual and moral development of students, promoting diversity/ tolerance/cultural richness ▪ Providing structure and proactive leadership to ensure university development through implementing strategies, policies and procedures
Chairman-Industrial Engineering Dept.	University of Jordan, School of Engineering	2012 – 2013	<ul style="list-style-type: none"> ▪ Serving as mentor to faculty colleagues and as collaborator with other administrative officers ▪ Interpreting strategies and policies and leading department ▪ Leading toward the achievement of the highest possible level of excellence in the teaching, research and service activities of the department ▪ Guiding the Department's Strategic Planning process ▪ Selection and retention of diverse faculty and staff
Director-King Abdullah II Fund for Development, "Office for Career Counseling"	University of Jordan, Deanship of Students Affairs	2006 – 2012	<ul style="list-style-type: none"> ▪ Enhancing chances of graduates to get jobs and market linkages ▪ Serving as adviser and interfacing with representatives of industrial, governmental, and private employers

Position	Entity	Duration	Main Responsibility
			<p>to assist in career services' efforts</p> <ul style="list-style-type: none"> ▪ Developing new partnerships for employment opportunities ▪ Developing short- and long-range operating plans, including budgets, programs/services, personnel, etc.
Director- Outreach Consultation Unit (OCU)	University of Jordan, School of Engineering	2005 – 2012	<ul style="list-style-type: none"> ▪ Participating in enhancing industrial development in the country through strategic collaborations & Project Management of consultation, training and employment opportunities for students

Professional Experience / Consulting

Position	Entity	Duration	Main Responsibility
Research Associate	ILO- Amman Office	Oct 2021- Dec 2021	<ul style="list-style-type: none"> ▪ Support the lead consultant in finalizing the 'National Strategy for the Jordan Apparel Industry 2020-2030' by: understanding the national stakeholders key concerns about the suggested actions with the strategy through several one-to-one meetings, reflecting the new updates on the strategy and presenting findings and results from the strategy to national stakeholders
Export Coach	Jordan Chamber of Industry	Oct 2019	<ul style="list-style-type: none"> ▪ Assisting an industrial establishment along with an export specialist in improving export competitiveness from the design of a successful export strategy, to improving marketing and production capabilities, to being able to conduct proficient export transactions
Consultant- Linking the Academic System with the Industry in Order to Value Knowledge and Excellence in the Islamic World	ISESCO	2019	<ul style="list-style-type: none"> ▪ Worked with ISESCO as Consultant for preparing a main document to be submitted to the 9th Islamic Ministerial Conference of Higher Education and Scientific Research
Diagnostic Assessment Consultant	Faculty for Factory National program (FFF)	2006	<ul style="list-style-type: none"> ▪ Assessing some industrial establishments and developing needed improvement plans
	Abdin		<ul style="list-style-type: none"> ▪ "KAIZEN" Consultant for a

Technical Diagnostic Consultant	Industrial Co for Kitchen Equipment	2006	Project at “Jordan New Cable Company”
Mechanical Engineer	Ministry of Energy and Natural Resources	1991 – 1992	<ul style="list-style-type: none"> Participating in updating and renewing energy resources program in Jordan

Professional Experience / Innovation & Entrepreneurship

Initiative and Activities	Entity	Duration	Main Responsibility
Training program – Innovation, Entrepreneurship, Change Management, and Design Thinking Course	For All Jordanian Universities (Public-Private)	Sep 2022 Nov 2022 Feb 2023 March 2023	<ul style="list-style-type: none"> The FFF has developed a new course, in cooperation with Orange Jordan, with a special topic focused on Change management, Basics of Leadership and Innovation, Advanced Entrepreneurship, Design Thinking, and Creative Thinking. Was the first course of its kind to be delivered at Jordan University Was provided to around 280 members of the Academic and administrative staff
Lecturer- Data Analytics (PwC)	Jordan University	March 2022	<ul style="list-style-type: none"> Upskilling Jordanian youth session. The main topic about "data analytics" and how this science is continuously evolving.
TOT - Advanced Innovation and Entrepreneurship Online Training of Trainers	Jordan University	Aug 2021	<ul style="list-style-type: none"> The FFF has developed a new course, by cooperation with CARE International in Jordan (CARE Jordan), H&M Foundation with a special topic focus on innovation and entrepreneurship. The topic introduces innovation and entrepreneurship terminologies and concepts, and equips the students with theoretical and practical approaches and learning methodologies to enable them to discover opportunities and boost their own capacity in this field. The course entails the following offered topics: Entrepreneurial thinking and innovation; culture and systems; business planning and modelling; projects and small enterprises management; social entrepreneurship; intellectual property; technology and gender sensitive approach.
Development of a new graduate degree in Jordan: “MSc in Digital Transformation”		In process	<ul style="list-style-type: none"> Full development of the program as a pathway for mid- and senior-level Business and IT professionals to “up-skill” and become innovators and digital transformers Program to be built around 3 pillars (data-technology-people) and will cover

Initiative and Activities	Entity	Duration	Main Responsibility
			<p>be focused upon several aspects as: opportunities of digital transformation, role of data, emerging technologies, digital business model, technology and policy etc.</p> <ul style="list-style-type: none"> ▪ Program is targeting/merging between 3 schools: Engineering, IT and Business
Lecturer- Innovation and Entrepreneurship Course	Jordan University	Up to Present (First course delivered in 2017)	<ul style="list-style-type: none"> ▪ A course aiming at introducing innovation and entrepreneurship terminologies and concepts, equip students with the knowledge and skills needed to turn their ideas into a business, create an appropriate business entity, and to understand the possible sources of fund available to entrepreneurs in Jordan ▪ Was the first course of its kind to be delivered at Jordan University ▪ Was provided to around 400 students so far and got concluded by presenting a start-up idea
Organizing Committee Member- Regional Seminar: “Innovative Technologies in Water Sector for the Achievement of SDG6”	ISESCO and Jordan University	Jun 2018	<ul style="list-style-type: none"> ▪ An organizer for a regional seminar aimed to be an opportunity for researchers, professionals to present their work and to learn about technological advances and research orientations in water sector
TOT Trainer- Innovation & Entrepreneurship	Jordan University	Feb 2018	<ul style="list-style-type: none"> ▪ Preparing instructors to present information effectively, respond to participant questions, and lead activities that reinforce learning in innovation and entrepreneurship, under the following aspects: History of Entrepreneurship, Entrepreneurial qualities and Skills, Business Game and cycle, Building blocks for business development, Business plan development, Pitching skills, Training cycle in entrepreneurial development, Training methods and Marketing
Person in Charge for ISESCO & AIDMO Coordination in Jordan		2017-2018	<ul style="list-style-type: none"> ▪ A recognized expert for innovation and Entrepreneurship and representative for the mentioned regional organization in Jordan.
Rapporteur -Committee on	Jordan	Jun-Aug	<ul style="list-style-type: none"> ▪ Playing an important role in the

Initiative and Activities	Entity	Duration	Main Responsibility
Innovation and Entrepreneurship	University	2017	successful follow up of the working group sessions
Consultant	INVENT Project (EU funded Project)	Feb 2016	<ul style="list-style-type: none"> Supporting the Project (INVENT) which aimed at institutionalizing innovation, technology transfer, and capacity building and promoting innovation culture within Jordanian Higher Education.
	VTC Projects (EU funded Project)	Feb 2017	<ul style="list-style-type: none"> Focusing on the exchange of knowledge, technology and innovation between universities (students and professors) and companies, government authorities, technological centers and organizations, vocational training centers and business associations.

Teaching and Research Experience

Position	Entity	Duration	Main Responsibility
Full Professor	University of Jordan	Nov. 2020	<ul style="list-style-type: none"> Teaching Industrial Engineering courses such as (Entrepreneurship and Innovation), (Material Sciences & Engineering)
Associate Professor	University of Jordan	2013 – 2020	<ul style="list-style-type: none"> Teaching Industrial Engineering courses such as (Entrepreneurship and Innovation), (Material Sciences & Engineering)
Associate Professor- Faculty of Engineering & Technology	German Jordanian University	2013 – 2015	
Lecturer	University of Jordan	1996 – 1998	
Design study Material plans	University of Jordan	2018 - 2020	<ul style="list-style-type: none"> Teaching and creating materials for modern concepts for both university and department level such as (Entrepreneurship and Innovation), (Bio-Medical Materials and Engineering)
Researcher	Japan, Kyoto University	2002	<ul style="list-style-type: none"> Bio-metallic materials to apply in medical and dental applications
Lab. Engineer and Teaching Assistant	University of Jordan	1992 – 1996	<ul style="list-style-type: none"> Mechanical vibrations, Instructing strength of materials, Fluid Mechanics and Measurement Labs

Memberships & Affiliations

Description	Duration
Member , Standing Advisory Committee of European Patent Office (SACEPO) MUNICH- GERMANY. Working Party on Quality, Africa/Middle East countries) for the three-year term of office for 2021-2023. SACEPO is the EPO’s primary advisory body established to enhance dialogue with users and ensure that regular consultations take place on all topics of relevance for industry and patent practitioners.	2021-2023.
Representative of the Social Security Corporation in the Board of the Lafarge Jordan Cement Factories. (Lafarge Jordan)	Jan 2021
Member , Team of academics working with the Crisis Cell that was allocated by the National Center for Security and Crisis Management to deal with Corona pandemic (Covid-19 Crisis).	2020
Member , Pharmaceutical Manufacturing Committee, which is part of the three government committees formed by the Prime Minister, which is came in implementation of the directives of His Majesty King Abdullah II.	2020
Center of Political and Economic Studies, Chamber of Industry Member	2014-Present
The 2 nd Balq'a International Engineering Conference (BIEC 2019)- Organize Preparatory and Scientific Committee Member	Dec 3-5, 2019
WIPO National Workshop on the Patent and Research Institutes Treaty (PCT)- Member	Nov 6-7, 2019
AIB-MENA 6th Annual Conference “Sustaining the Sustainable Agenda” Exploring Critical Multilayered Sustainable International Business Practices in the MENA Region- Organize Committee Member	Mar 12-14, 2019
Policy Council Session at JU: Thinking about Healthcare and Policy: Building Institutional capacity to Support use of Evidence in Policies and Practice through SDG 17- Organize Committee Member	Mar 10, 2019
1 st Regional Seminar “Innovative Research and Technologies in Water Sector for the Achievement of SDG6”, (ISESCO) & (SESRIC)- Organize Committee Member	Jun 26-28, 2018

6 th and 5 th Global Conference on Renewable and Energy Efficiency for Desert Regions (GCEEDER)- Organize Committee Member	Apr 3-5, 2018 2016
Applies Electrical Engineering and Computing Technologies (AEECT)- Member	Oct11- 13, 2017
Higher Committee for Jordanian Industry policy, Ministry of Industry- Member	2013- 2014
Board of Trustees of Jordan University of Science & Technology- Member	2010- 2014
National Steering Committee, Ministry of Higher Education- Member	2007- 2009
7 th Conference of Scientific Research in Jordan- Organize Committee Member	2014
Others	
<ul style="list-style-type: none"> ▪ Innovation Committee- Scientific Research and Innovation Support Fund -Member ▪ Graduate Studies and Scientific Research Committee- Princess Sumaya University for Technology- Member ▪ Investment Committee- University of Jordan- Member ▪ International Students Committee -Ministry of Higher Education and Scientific Research- Member 	

Assessor , Engineering programs of the Jordanian public and private universities, Accreditation and Quality Assurance Commission for Higher Education Institutions
Assessor , Community colleges and Technical Education programs, Accreditation and Quality Assurance Commission for Higher Education Institutions.
Board member and founder , Jordanian Human Resources Management Association (JHRMA).
Member , Japan Institute of Metals (JIM).
Member , American Welding Society (AWS).
Member , National Association of Corrosion Engineers (NACE).
Member , Jordanian Engineers Association (JEA).
Member , National Committee, Accreditation Unit, Jordan Institution for Standards & Metrology.
Assessor , Accreditation Unit, Jordan Institution for Standards & Metrology.
Member , Evaluation Committee, Arab Championship for Robotics, 3rd & 4th Cycle.
Member , Re-Evaluating Committee of Material Sciences Program- Jordan University.
Member , Strategy Setting Committee of Scientific Research, Development and Innovation for Higher.

Education

PhD in Engineering
Kyoto University Kyoto, Japan

1998- 2002

Thesis Titled “Biomedical Engineering of Magnesium Behaviors in Simulated body Fluids”

M.Sc. in Industrial Engineering/ Manufacturing and Design
The University of Jordan, Amman, Jordan

1993- 1996

Thesis Titled “Effect of Welding Parameters on Corrosion Resistance of Stainless Steels”

B.Sc. in Mechanical Engineering
University of Engineering and Technology Lahore, Pakistan

1986-1991

Published Papers and Papers Accepted for publications

1. Wafa AlAlaween, Omar Abueed, Abdallah AlAlawin, Omar Abdallah, Nibal Albashabsheh, Esraa AbdelAll and Prof. Yousef Al-Abdallat. Artificial neural networks for predicting the demand and price of the hybrid electric vehicle spare parts. 2022, <https://www.tandfonline.com/doi/epdf/10.1080/23311916.2022.2075075?needAccess=true&ole=button>.
2. Prof. Yousef AlAbdallat, Dr. Maha AlSheikh, “The marine supply chain's sustainability through Increasing strategic production and value-added to ensure the long-term viability of blockchain technology on supply chain sustainability”: AQABA INTERNATIONAL ENGINEERING CONFERENCE (AIEC) Environment, Energy, Safety, Sustainability 22-23/2/2023.
3. Inshad Jumah, Ehab M. AlShamaileh, Yousef Al-Abdallat, Mohammad D.AL-Tahat Ahmad Telfah. Polypyrrole-Metal Oxide-Carbon Nanocomposite Films Corrosion Enhancement on Industrial Steel. ICIAI 2021, volume 175.
4. Yousef Al Abdallat, Using Innovation and Ecosystem to Transform Covid-19 from Crisis to an Opportunity: The Case of Jordanian Program “Faculty for Factory” (FFF). Book Title: The Effect of Coronavirus Disease (COVID-19) on Business Intelligence. pp 245-255. Book Chapter (SSDC, volume 334. Springer Nature Chapter First Online: 03 April 2021 https://doi.org/10.1007/978-3-030-67151-8_14 , Hardcover ISBN 978-3-030-67150-1, Series ISSN2198-4
5. Yousef Al-Abdallat, Inshad Jumah , Rami Jumah , Hanadi Ghanem and Ahmad Telfah. Catalytic Electrochemical Water Splitting Using Boron Doped Diamond (BDD) Electrodes as a Promising Energy Resource and Storage Solution. Energies 2020, 13, 5265; doi:10.3390/en13205265 www.mdpi.com/journal/energies
6. Saidan MN, Shbool MA, Arabeyyat OS, T Al-Shihabi S, AbdallatYA, Barghash MA, Saidan H, Estimation of the probable outbreak size of novel coronavirus(COVID-19) in social gathering events and industrial activities,International Journal ofInfectious Diseases(2020), doi:<https://doi.org/10.1016/j.ijid.2020.06.105>. Accepted Date:29 June 2020
7. Rateb J. Sweis, Karam Ogla,, Yousef Abdallat, Ghaleb J. Sweis, Taghrid Suifan and Rawan Saleh. The impact of human resource management practices on organisational performance in

8. Yousef Al-Abdallat & Inshad Jum'h & Abeer Al Bsoul & Rami Jumah & Ahmad Telfah. Photocatalytic Degradation Dynamics of Methyl Orange Using Coprecipitation Synthesized Fe₃O₄ Nanoparticles. Springer link Switzerland AG 2019; (Received: 23 April 2019) *Water Air Soil Pollut* (2019) 230: 277. ISSN 0049-6979 E-ISSN 1573-2932.
9. Saif Al-Qaisi, Jad Raphael Mansour, Yousef Al-Abdallat. Effect of Handwheel Diameter and Orientation on Torque Production Capabilities. *IISE Transactions on Occupational Ergonomics and Human Factors*, Taylor & Francis (2019), 7: 81–90
10. Mohammad D. Al-Tahat. Mohammad Al Janaideh, Yousef Al-Abdallat, Mowafaq E. Jabri. Estimation of Fuel Consumption in a Hypothesized Spoke-hub Airline Networks for the Transportation of Passengers. *Jordan Journal of Mechanical and Industrial Engineering*; (Received: 13 May. 2019) Vol. 13, Number 2, July. 2019 ISSN 1995-6665 Pages 75 - 82.
11. Yousef Al-Abdallat & Jehad A. A. Yamin. Manufacturing and Testing of Light-Weight Foamed Concrete: Experimental Results. *Modern Applied Science*; Vol. 13, No. 3; 2019. ISSN 1913-1844 E-ISSN 1913-1852, Canadian Center of Science and Education. Pages 128-139
12. Yousef Al-Abdallat & Ali Othman, برامج التعليم التقني ومدى تحقيقها لمتطلبات الصناعة وحاجات السوق "واقع ومستقبل" الأردن وعلاقته بالصناعة الوطنية" 1st International Conference in Technical Education, Salt - Jordan, 19 - 20 Dec, 2018
13. Riad Ababneh, Ahmad Telfah, Inshad Jum'h, Mohammad Abudayah, Yousef Al-Abdallat, Jörg Lambert, Roland Hergenröder. ¹H NMR spectroscopy to investigate the kinetics and the mechanism of proton charge carriers ionization and transportation in hydrophilic/hydrophobic media: methyl sulfonic acid as a protonic ion source in water/alcohol binary mixtures. *Journal of Molecular Liquids*. Elsevier. Volume 265, 1 September 2018, Pages 621-628. <https://doi.org/10.1016/j.molliq.2018.05.134> , ISSN 0167-7322
14. Mohammad A. Shbool, Yousef Abdallat, Abdul Kareem Abdul Jawwad, S.Alsharairi, L. Abu Ghannam, E. Abu Khajil, A. Badwan. Examining the effect of Nano-additions of rare earth elements on the Hardness of body armor ceramic. *Indian Journal of Engineering and Materials Sciences (IJEMS)*, National Institute of Science Communication and Information Resources (NISCAIR) Accepted in process to published officially.
15. Yousef A Abdallat & Jehad Yamin Testing of Locally Available Jordanian Materials for Hydrogen Storage. *Modern Applied Science*, Published by Canadian Center of Science and Education; Vol. 11, P- 9-19; 2017.
16. Faisal Alkaabneh, Mahmoud Barghash, Yousef Abdullat. A Novel Statistical Analysis for Residual Stress in Injection Molding. *American Journal of Operations Research*, Scientific Research Publishing, 2016, 6, Article ID:63252, P 90-103
17. Imad Hamadneh · Najel Yaseen · Yousef Abdallat · Lama Hamadneh · Ola Tarawneh. The Sintering Effect on the Phase Formation and Transport Current Properties of SmBa₂Cu₃O_{7-δ} Ceramic Prepared from Nano-Coprecipitated Precursors *Journal of Superconductivity and Novel Magnetism Incorporating Novel Magnetism* ISSN 1557-1939 (© Springer Science+Business Media) Volume 29

18. Mazin Obaidat, Ahmed Al-Ghandoor, Yousef Abdallat. Decomposition Analysis of Electricity Use in the Jordanian Industrial Sector Between Years 2008 and 2013. The 8th International Renewable Energy Congress (IREC 2017), 21-23 March 2017 DOI: 10.1109/IREC.2017.7926030 Electronic ISSN: 2378-3451 Publisher: IEEE.
19. Anas M. Atieh, Hazem Kaylani, Yousef Al-abdallat, Abeer Qaderi, Luma Ghoul, Lina Jaradat, Performance improvement of inventory management system processes by an automated warehouse management system. 48th CIRP Conference on MANUFACTURING SYSTEMS - CIRP CMS 2015. Available online at www.sciencedirect.com Procedia CIRP 41 (2016) 568 – 572 Published by Elsevier B.V. Peer-review under responsibility of the Scientific Committee.
20. A. Sakhrieh; Y. Abdullat; and M. A. Hamdan, Enhancement of Thermal Energy Storage Using Phase-Change Material under Jordanian Climate, Journal of Infrastructure Systems, Publisher: American Society of Civil Engineers Volume 22 Issue 4 - December 2016, ISSN (print): 1076-0342 | ISSN (online): 1943-555X, DOI: 10.1061/(ASCE)IS.1943-555X.0000187
21. Yousef Abdallat, "The Mechanisms to Activate And Apply The Technologic Innovation – The Relation Between Academic Institutes and Industrial Sectors – The National Program Faculty For Factory"; "7th Conference on Scientific Research in Jordan"; Middle East University and Jordan Society for Scientific Research (JSSR), Amman, Jordan; November 14th 2014.
22. Y. Abdullat, M. Hamdan, E. Abdelhafez, and A. Sakhrieh. Development of Neural Networks for Enhancement of thermal energy storage using phase change material Int. J. of Thermal & Environmental Engineering(© 2012 International Association for Sharing Knowledge and Sustainability) Volume 5, No. 2, p.p 167-173, (2013).
23. Al-Ghandoor a, M. ALSalaymeh b, Y. Al-Abdallat b, M. Al-Rawashdeh, (Energy and Exergy utilizations of the Jordanian SMEs industries), Energy Conversion and Management, Elsevier Ltd Vol. 65, p.p 682-687 (2013).
24. Ahmed Al-Ghandoor, Jamal Jaber, Ismael Al-Hinti, Yousef Abdallat, (Statistical assessment and analyses of the determinants of transportation sector gasoline demand in Jordan).Transportation Research Part A(Elsevier Ltd), vol. 50, pp 129–138 (2013).
25. Y. Abdallat, A. Al-Ghandoor, I. Al-Hinti “Reasons Behind Energy Center of the Jordanian Industrial Sector” JJMIE, Jordan Journal of Mechanical and Industrial Engineering, vol. 5, no 3, p.p 241-245 June 2011.
26. Yousef Abdallat, Ahmed Al-Ghandoor, Murad Samhoury, Mohammad Al-Rawashdeh, Ahmad Qamar2, Jordan Transport Energy Demand Modeling: The Application of Adaptive Neuro-Fuzzy Technique, International Review of Mechanical Engineering (I.R.E.M.E.), Praise Worthy Prize S.r.l, vol. 5, no 7, p.p 1321-1326, Nov 2011.
27. Yousef Abdallat, “Higher education outreach to industry: The National Program Faculty for Factory”, National Conference For the Development of Study Plans, Teaching and Learning, and Scientific Research; Columbia University and Ministry of Higher Education and Scientific Research, June (15-17), 2010, Amman-Jordan.
28. Al-Ghandoor; I. Al-Hinti; A. Mukattash; Y. Al-Abdallat “ Decomposition analysis of electricity use in the Jordanian industrial sector “ International Journal of Sustainable Energy, Volume 29, No 4, 2010, Pages 233 – 244.
29. Yousef Abdallat, Ahmed Al-Ghandoor, Ismael Al-Hinti, , Adnan Mukattash, “ Potential CO2

reduction through restructuring the Jordanian utility sector” . International Journal of Environment and Waste Management (IJEWM), Inderscience, Vol.10, No.1, 2012.

30. Al Abdallat, Y. Al Asfar, J. J Yamin, J. and Hamdan, M. A. Experimental Investigation of Hydrogen Storage in Local Sand, Engineering Congress on Alternative Energy Application November 2nd – 6th, 2009, KUWAIT.
31. Sakhrieh, M. A. Hamdan and Y.Abdullat , Experimental Study of Oil Shale and Olive Cake Dust Explosion by Burning Mixtures of Coarse and Fine Particles ", Jordan Journal of Mechanical and Industrial Engineering. Volume 4, No. 2 (2010) 300-303
32. Yousef Abdallat, A. Al-Ghandoor, and I, Al-Hinti, “Reasons behind Energy Changes of the Jordanian Industrial sector” Jordan Journal of Mechanical and Industrial Engineering (JJMIE), Vol. 5, No. 3, June 2011, Pages 241 – 245..
33. J.J. Al Asfar, M.A. Hamdan, J. Yamin, Y. Abdullat “Theoretical Study of Hydrogen Flow in Porous Medium of Local Sweileh Sand” Energy Conversion and Management (Elsevier Ltd.) Vol. 51, No. 8, Aug 2010, Pages 1727 – 1734.
34. Naser Hamdi, Yazan Dweiri², Yousef Al-Abdallat,Tarek Haneya “A practical and Feasible Control System for Bifunctional Myoelectric Hand Prostheses” Prosthetics and Orthotics International (SAGE-Publications The official journal of the International Society for Prosthetics and Orthotics (ISPO)) Vol. 34, No. 2, June 2010, Pages 195 – 205.
35. Al Asfar, J. J. Al-Abdallat, Y, and Hamdan, M. A Theoretical Study of Hydrogen Flow in Porous Medium of Local Sweileh Sand Global Conference on Renewables and Energy efficiency for Desert Regions[GCREEDER 2009] March 31st-April 2nd, 2009-01-28 Amman – Jordan.
36. Y. Al-Abdullat, S. Tsutsumi, N. Nakajima, M. Ohta, H.Kuwahara, K. Ikeuchi, Surface Modification of Magnesium by NaHCO₃ and Corrosion Behavior in Hank’s Solution for New Biomaterial Applications,. Materials Transactions, Vol. 42, 8 (2001) pp. 1777-1780.
37. H.Kuwahara, Y. Al-Abdullat, N.Mazaki, S. Tsutsumi, T. Aizawa, Precipitation of Magnesium Apatite on Pure Magnesium Surface during Immersing in Hank’s Solution, Materials Transactions, Vol. 42, issue 7 (2001) pp. 1317-1321.
38. Y. Al-Abdullat, S. Tsutsumi, K. Ikeuchi, Improvement of Corrosion Behavior of Pure Magnesium Modified by Alkaline Solutions for New Biomaterials, accepted abstract to International Industrial Engineering Conference (IIEC-2001), Amman, Jordan, Sep. (2001).
39. Y. Al-Abdullat, H. Kuwahara, S. Tsutsumi, K. Ikeuchi, Improvement of Corrosion Behavior of Magnesium as New Biomaterials by Surface Modification with Alkaline in Vitro, International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30-May 4, (2001) pp. 116.
40. Y. Al-Abdullat, H.Kuwahara, C. Peng, S. Tsutsumi, Possibility of Magnesium as a New Dental Biomaterials, International & American Assoc. For Dental Research Conference (IADR), Washington, D. C. April. 5-8. J. of Dental Res. JDR, vol.79 Washigton, D.C, (2000) pp.618.
41. H.Kuwahara, Y. Al-Abdullat, M. Ohta, S. Tsutsumi, K. Ikeuchi, N.Mazaki, T. Aizawa, Surface Reaction of Magnesium in Hank's Solution, Magnesium Alloys 2000, Proceeding of the first International Workshop on Magnesium platform Science and Technology- Nagaoka, Vols. 350.351, Jul. (2000) pp. 349-358.

Conferences, Seminars and Workshops Attended

- Prof. Yousef AlAbdallat, Dr. Maha AlSheikh, **“The marine supply chain's sustainability through Increasing strategic production and value-added to ensure the long-term viability of blockchain technology on supply chain sustainability”**: AQABA INTERNATIONAL ENGINEERING CONFERENCE (AIEC) Environment, Energy, Safety, Sustainability **22-23/2/2023**.
- Moderate a Panel Discussion at the Arab Youth Engineers Forum **“SIQ 2022”**. Dead sea- Jordan. Jordanian Engineers Association **November 27-29, 2022**.
- Green Trade Conference, Organized by Jordan Exports, German Agency for International Cooperation (GIZ), Kingdom of the Netherlands, Ministry of Industry and Trade. Dead sea- Jordan. **November 22-23, 2022**.
- Arab SMEs Summit Opportunities Beyond Borders, Organized by ESCWA, Amman- Jordan. **October 30, 2022**.
- Arab International Investor Forum, Chairman of **“The-Impact-of-Digital-Transformation-on-the-Business-Environment”** Workshop **6th. April 2021**
<https://www.facebook.com/natheem.sabbah.5/videos/3214716538631481/>
- Participant in **“Women’s leadership role in achieving sustainable development goals”** "Linkage between Academia and Industry to achieving sustainable development goals." January 29, 2020, Cairo- Egypt.
- Participant in Export Readiness Audits: Expert Training Certified, organized by Jordan Chamber of Industry, the Center for the Promotion of Imports from Developing Countries (CBI) and the International Labor Organization (ILO), Oct 2019 Amman- Jordan
- Key Speaker, The Second Balq'a International Engineering Conference (BIEC 2019), December 3 -5, 2019, Amman- Jordan.
- Participant and Speaker in **Intellectual Property Policies for Universities and Research Institutions** "Linkage between Academia and Local Industry and the Role of IP Policy." March 19-20, 2019, Amman- Jordan.
- Key member, **Arab team to link academia with industry**, Latest meeting December 17-19, 2018, Rabat- Morocco.
- Participant in Meeting **"The role of industrial information and statistics in the Arab countries"**. **"Big Data Technologies"** workshop. November 7-9, 2018, Rabat- Morocco.
- Participant in Regional Seminar **" Integrating University and Private Sector Development; the role of Science and Technology Parks."** May 7-11, 2018. Izmir- Turkey.
- Key member, **Arab team to link academia with industry**, Latest meeting March 29-30, 2018, Rabat- Morocco.

- Speaker at the Regional Forum of Parliamentarians in Science and Diplomacy, about " Science, Technology and Innovation, and presented the Jordanian experience by linking industrial sectors with academia", December 25th – 27th 2017, Muscat- Oman.
- 4th Project Project Management Meeting of the Erasmus+ project "INVENT- Promotion of Innovation Culture in the Higher Education" October 12-16, 2017, Athens, Greece.
- Moderate a Panel Discussion at (IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies AEECT 2017). "**Innovation, Entrepreneurship, and Research Synergy in Jordan: Opportunities and Challenges.**" October 11-13, 2017. Amman- Jordan
- Participant in **the 1st Yarmouk University Scientific Research Symposium & the 3rd International Conference on Open Source Software Computing.**" September 26-28, 2017. Amman- Jordan.
- Participant and speaker in **Phi's Research and Innovation Summit 2017** "Linkage of Academic Institutes with Industrial Sector: Faculty for Factory Program as a Case Study" August 24, 2017, Amman- Jordan.
- Novel magnetic nanoparticle doped Nano filtration (NF) polymeric membranes for heavy metal removal from wastewater) Organized by **Detacher Akademischer Austauschfaften (DAAD)**, July 17-25, 2017, Dortmund - Germany.
- 7th Conference on Scientific Research in Jordan, Section Head for "Industrial Engineering and its Applications, at Middle East University In collaboration with Jordan Society for Scientific Research (JSSR)", November 14th 2014.
- 3rd Project Project Management Meeting of the Erasmus+ project "INVENT- Promotion of Innovation Culture in the Higher Education" 30th April- 1st May 2017, Porto, Portugal.
- Key member, **Arab team to link academia with industry**, Latest meeting April 24-25, 2017, Rabat- Morocco.
- Participant and speaker in **10th QS World Class Seminar** March 29– 31 2017, Taipei- Taiwan.
- Speaker at the Sustainable Electricity Generation for MENA-Region Challenges & Opportunities conference, about "Role of Universities in Jordan in Supporting Renewable Energy Projects", October 4th – 5th 2016, Amman- Jordan.
- Speaker at shaping the future of Academia-Industry Partnership in Jordan conference about" The Role Of The National Program Faculty For Factor In Reshaping The Relationship Between Academic Institutes And Industrial Sector "toward a real Public- Private Partnership (PPP)", October 5th – 6th 2016, Amman- Jordan.
- Participant and speaker in "Workshop on linking scientific research institutions to industry", "The mechanism of linking academic institutions and the Jordanian industrial sector", the (16) meeting for Industry research centers in Arab countries committee October 4th – 6th 2016, Amman- Jordan.
- Speaker at the Fostering Jordanian Food Processing & Beverage Sector Exports to GCC & EU Market Workshop, Amman, 12-13 April. 2016.
- 7th Conference on Scientific Research in Jordan, Section Head for "Industrial Engineering and its Applications, at Middle East University In collaboration with Jordan Society for Scientific Research (JSSR)", November 14th 2014.
- Key note speaker at "Faculty Expert for Enterprise" Workshop, Kuwait University, College of Sciences, The Kuwait Foundation for the Advancement of Sciences Kuwait , March 10, 2015

- Focus Training Course, Title: The Country focused Training Course in Career Support for University Students: Japan, August 1-16,2014
- Innovation, Technology and Entrepreneurship a Policy Roadmap to Increase Competitiveness and Jobs Middle East and Eastern Europe Cross-Regional Conference: Prague, Czech Republic-May 21-23, 2012
- The Jordan ICT Association-int@j in partnership with the Ministry of Information and Communications Technology is launching a specialized Universities survey aiming at publishing the ICT Workforce Assessment Report; assessing the gap between the ICT private sector demand and the academic supply of skilled human resources, acquiring feedback from Universities to further measure their collaboration with the industry to create clear collaboration opportunities between Academia professionals ‘Universities’ and the ICT private sector. Amman. Jordan, June 18, 2012
- 65th Annual Conference of IAESTE (International Association for the Exchange of Students for Technical Experience) Skopje, Macedonia 20-27 January 2012.
- Official visit to Paris from 11th-16th Dec. 2011 invited by French embassy based on an awareness program regarding the reinforcement of relations between the public sector and the private sector as work provider and to promote the professional integration.
- The Fifth Global Conference on Power Control & Optimization (PCO 1-3 June 2011, DUBAI). Paper Title “JORDANIAN INDUSTRIAL SECTOR FUTURE ENERGY CONSUMPTION: POTENTIAL SAVINGS AND ENVIRONMENTAL IMPACT” <http://www.pcoglobal.com/dubai/program.html>
- The Global Conference for Renewables and Energy Efficiency in Desert Regions (GCREEDER-2011) held in Amman, Jordan during the period 26th -28th April. 2011
- Annual Conference of IAESTE (International Association for the Exchange of Students for Technical Experience) Bangkok, Thailand January 2011
- National Conference for the Development of Study Plans, Teaching and Learning, and Scientific Research, paper Title “Higher education outreach to industry: The National Program Faculty for Factory”, Organized by Columbia University and Ministry of Higher Education and Scientific Research, Amman Jordan June (15-17), 2010.
- 60th Annual Conference of IAESTE (International Association for the Exchange of Students for Technical Experience) Dead Sea, Jordan 18-24 January 2008
- Women Empowerments workshop organized by EUROMED Program "Role of Women in Economic Life" and British Council Egypt, held in Morocco 10 to 13 Dec. 2007.
- Steering Committee Member of Support to Bridging the Gap between Higher Education and the Labor Market in Jordan Project- Phase II , project partners; Ministry of Higher Education and Scientific Research, Ministry of Planning and International Affairs, and the United Nations Development Program, UNDP, July 2007 up to 2010.

- Rapid Innovation Action Learning (RIAL) Workshop for Jordan, Lebanon, Syria held in Beirut on July 5-6, 2010 which is being jointly organized by the Korea Development Institute KDI and the World Bank. Beirut July 5-6, 2010.
- The regional German Technical Cooperation GTZ project “Promotion of Innovation and Technology for SMEs in the Near East” organized a Regional Workshop on Strengthening National Innovation Systems, invited three partner countries from research institutes, economic agencies, business and political institutions of Syrian, Egyptian and Jordanian experts held on 16- 17th February 2010 in Damascus, Syria.
- Participate in the selection committee of German Academic Exchange Service (DAAD) PhD scholarships students for Germany. 17th November 2007, Goethe Institute Amman- Jordan.
- The National Conference for the Development of Study Plans, Teaching and Learning, and Scientific
- Research which is jointly organized by Ministry of Higher Education and Scientific Research & Columbia University Middle East Research Centre (CUMERC) (June 15-17) Amman Jordan 2010
- The Higher Education and Labor Market Partnership Conference” "Support to Bridging the Gap between Higher Education and Labor Market" UNDP Project - Phase II, Amman Jordan 10 December 2009
- The Second German Jordanian Workshop on Energy and Alternative Fuels held from 12th to 14th of October 2009 in Amman, Jordan University and Erlangen-Nuremberg University /Germany
- Global Conference on Renewables and Energy efficiency for Desert Regions[GCREEDER 2009] March 31st-April 2nd, 2009-01-28 Amman - Jordan
- How to Promote and Development SMEs in Jordan, Training Program held in Tokyo Japan Nov.30th-Dec 13th 2008 organized by JICA
- Seminar titled “Using Ion Accelerator in studying solid surfaces materials by using PIXE (Particle Ion X-ray Emissions) and RBS (Rutherford Back Scattering) techniques”, Organized by Arabian Authority for Nuclear Energy in Beirut / Lebanon from 15- 19 Dec. 2003
- International Industrial Engineering Conference (IIEC-2001), Amman, Jordan, Sep. 23th. (2001). Presentation title “Improvement of Corrosion Behavior of Pure Magnesium Modified by Alkaline Solutions for New Biomaterials”.
- International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30-May 4, (2001). Presentation title “Improvement of Corrosion Behavior of Magnesium as New Biomaterials by Surface Modification with Alkaline in Vitro”.
- Annual meeting of Japan Institute of Metals (JIM), Yokohama, March 29-31, (2000). Presentation title “Surface Reaction of Magnesium in Vitro”.
- International & American Assoc. For Dental Research Conference (IADR), Washington, D. C. April. 5-8. J. of Dental Res. JDR, vol.79 Washington, D.C, (2000). Presentation title “Possibility of Magnesium as a New Dental Biomaterials”.

- The Journal of Japanese Society for Dental Materials and Devices, vol. 19 Tokyo. April. 27- 28. (2000). Presentation title “Magnesium and Its Alloys as New Dental Biomaterials, Conference of Japanese Society for Dental Materials and Devices”.
- The first International Workshop on Magnesium platform Science and Technology- Nagoya-Japan Jul. (2000). Presentation title “Surface Reaction of Magnesium in Hank's Solution”.