

Personal information

First name(s) / Surname(s) **Sadiq Abdelall**

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Nationality Palestinian

Gender Male

Education and training

- April 2010 – April 2014 - Doctor of Engineering (Ph.D.) at the Institute of Assembly Technology and Factory Management of the Technische Universität Berlin, Germany. Title of Thesis: ***“Enabling Sustainable Value Creation by Engineering Capacity Building”***
- September 2002 – July 2004 - M.Sc Engineering Management at Engineering Faculty of the University of Engineering and Technology, Lahore, Pakistan. Title of Thesis: ***“Implementation of Business Process Reengineering (BPR) in Pakistani industries to Meet the Challenges Faced due to Globalization”***
- March 1998 – May 2002 - B.Sc Mechanical Engineering at Engineering Faculty of the University of Engineering and Technology, Lahore-Pakistan. Title of Senior Project: ***“Design and Fabrication of Gear Testing Machine”***
- September 1994 – July 1997 - Certificate of General Secondary Education Scientific Stream at Beeralsaba Secondary School, Gaza, Palestine.

Work experience

- September 2018 - Present - Deputy of the Dean, Community Service and Continuing Education, Islamic University of Gaza, Palestine
- April 2014 – Present - Assistant Professor at the Industrial Engineering Department, Islamic University of Gaza, Palestine. Courses Taught: Integrated Production System; Principles of Production Management; Supply Chain Management; Engineering Economy; Quality Control; Safety and Maintenance Engineering; Manufacturing Processes; and Graduate Projects.
- October 2017 – Present - Local coordinator for a project titled: “Increasing the Conformance of Academia towards Rehabilitation Engineering (i-CARE)” granted by Erasmus+. The main objective of the project is to bridge the gap between rehabilitation technology and science education at the Palestinian universities and the rehabilitation procedures and practices at the Palestinian rehabilitation service providers.

- October 2016 - Present - Local coordinator for a project titled: "Improving Governance Practices at Palestinian Higher Education Institutions/ UniGov" granted by Erasmus+. The objective of this project is to achieve good governance practices at Palestinian HEIs, including institutional values such as autonomy, accountability, participation, clarity of institutional mission and goals, and well-structured management systems that assure the implementation of these practices.
- December 2017 – September 2018 - Evaluation Consultant for Al Fakhoora Dynamic Futures Programme, Execution agency United Nations Development Programme. The main objective of consultancy is to provide technical assistance and support to the programme management unit in handling over and conducting the final and mid-term external evaluations for the dynamic futures programme phase I and phase II respectively, and to assess the performance of the programme and to measure to what extent the objective/outcomes/activities have been achieved against the programme result chain and pursuant to its short, medium, and long-term results expected to be achieved.
- November 2016 – April 2017 - Consultant for the project titled: "Updating the Operations and Maintenance (O&M) Manual and Updating the Physical Inspection Data for Selected Municipalities", Funded by Municipal Development and Lending Fund, Implemented by Consulting Engineering Center, Palestine.
- August 2015 – August 2017 - Consultant for ABET Accreditation Committee at the Islamic University of Gaza; responsible to qualify the Industrial engineering department for Accreditation Board for Engineering and Technology (ABET) certificate.
- May 2010 – Present - Scientific Coordinator for the annual Global Conference on Sustainable Manufacturing (GCSM, www.gcsm.eu) sponsored by the International Academy for Production Engineering (CIRP, www.cirp.net)
- August 2014 – August 2016 - Chairman of Industrial and Mechanical Engineering Departments at the Islamic University of Gaza
- November 2017 – April 2018 - Production Engineer Expert at Atfaluna Society for Deaf Children (ASDC); responsible to review the current production units in comparison to similar units in the market and introduce changes to close any gaps if any, and to improve the sustainability and cost efficiency with focus on the business units at the level of policies, practices/performance and staff capacity building. Specifically to: Become stronger and more self-sustainable; and to generate surplus income that would contribute to the overall operational revenue.
- February - May 2017 - Project Coordinator for a project titled "Raising Rural Schools Children Awareness of Home Composting" granted by Fulbright Alumni Community Action Grant. The main objective of this project was to introduce home composting concepts, techniques, and advantages to primary school children. Onsite training, workshops, flyers, videos, and other teaching materials used to raise the awareness of the target group.
- September - November 2016 - Case study design and development for project titled "Enhancing the quality of the Industrial Engineering program output through ABET accreditation" Funded by Qatar Charity. The case studies related to one of the ABET elements. The first of which titled "Developing Scheduling Models Based for Plastic Company", while the second titled "Trim Loss Optimization for an Aluminum Workshop".
- January 2015 - January 2016 - National Coordinator for Gaza for a Project Titled: Preparing Vulnerability Assessment and Adaptation Measures (V&A) Chapter of Palestine's Initial National Communication Report (INCR) to the UNFCCC; Ricardo-AEA Ltd

- August 2015- August 2016 - Consultant for a project titled: Enhancing the Employability of engineering students and alumni of IUG through better Linkages with the Private Sector; granted by International Labour Organization (ILO) and responsible for the following tasks:
- Training graduate engineers on building quality management system based ISO 9001 and Palestinian Standard for local industries.
 - Technical and managerial interventions for twelve local industries
 - Developing a cost accounting software for manufacturing firms in Gaza strip
- November 2014 - September 2015 - Senior Expert for a Project Titled: Provision of Services to Prepare Green House Gases (GHG) Emission Inventory and the Mitigation Chapters of Palestine's Initial National Communication Report (INCR); Ricardo-AEA Ltd
- February 2011 – April 2014 - Coordinator for a project titled: Middle Eastern Partnership in Sustainable Engineering (ME-ENG); TEMPUS project number 517065, approved by the European Commission; The aims of this project are to strengthen the relevance of higher education and to contribute to lifelong learning (LLL) in the partner countries.
- February 2012 – April 2014 - Coordinator for a project titled: Modernizing Undergraduate Renewable Energy Education: EU Experience for Jordan (MUREE). TEMPUS project number 530332, approved by the European Commission; the objective was to develop, integrate, accredit and evaluate a quality bachelor degree programme in Renewable Energy in Jordan with an appropriate laboratory component jointly taught by universities in Jordan, in accordance with the Bologna process.
- April 2010 – April 2014 - Research Engineer at the Institute of Assembly Technology and Factory Management; Technische Universität Berlin, Germany
- February 2005 – August 2009 - Lecturer at Industrial Engineering Department; Islamic University of Gaza, Palestine
- January 2008 – August 2009 - Reengineering Consultant for project titled: Assessment and Reengineering of Administrative Processes at the Islamic University of Gaza; the World Bank via the Accreditation and Quality Assurance Commission, Palestine.
- May 2009 - May 2009 - Trainer on Documentation and Reengineering of Business Processes; Community Service & Continuing Education, Gaza, Palestine
- August 2004 – February 2005 - Quality Manager at Bashir Siksik Company, Manufacturer of Plastic Pipes, Gaza-Palestine
- April 2004 – August 2004 - Process Improvement Consultant for Metaline Industries Pvt Ltd, Manufacturer of Automotive Parts, Lahore, Pakistan.

Personal skills and competences

Mother tongue(s) **Arabic**

Other language(s)

Self-assessment

European level

Understanding

Listening

Reading

Speaking

Spoken interaction

Spoken production

Writing

English

Proficient

Proficient

Proficient

Proficient

Proficient

German

Independent

Independent

Independent

Independent

Independent

Urdu

Independent

Independent

Independent

Independent

Independent

Organisational skills and competences

- September 2018 – present: Member of the strategic planning team at the Islamic University of Gaza.
- January 2018 – present: Member of the crisis management team at the Islamic University of Gaza.
- May 2010 – Present: Scientific Coordinator for the annual Global Conference on Sustainable Manufacturing sponsored by the International Academy for Production Engineering (CIRP)
- April 2014 – April 2017: Member of the strategic planning team at the Islamic University of Gaza.
- August 2014 – August 2016: Chairman of Industrial and Mechanical Engineering Departments
- March 2008 - August 2009: Member of Strategic Planning Committee at the Industrial Engineering Department, Islamic University of Gaza.
- January 2008 – August 2009: Member of Processes Reengineering Team at the Quality Unit, Islamic University of Gaza.
- January 2008 - August 2009: Member of Alumni Committee at the Faculty of Engineering, Islamic University of Gaza.
- July 2007 - August 2009: Head of Summer Training Committee at the Industrial Engineering Department, Islamic University of Gaza.
- February 2007 - August 2009: Head of Senior Project Committee at the Industrial Engineering Department.
- November 2005 - May 2006: Member of the Organizing Committee for the "Student Professional Awareness Conference (SPAC 3)"

- Technical skills and competences**
- August 2015 – September 2015, Kyushu, Japan: participating in Training course on "Management of composting project" at Kitakyushu International Techno-cooperative Association organized by Japan International Cooperation Agency under the International Cooperation Program of the Government of Japan
 - February 2015 – Attending and participating at the workshop Palestinian Industry the Present and the Future - organized by JAICA Gaza, Palestine.
 - April 2015 - Attending and participating at World Day for Safety and Health at Work - organized by Ministry of Labour, Palestine.
 - September 2013 – Berlin, Germany: attending and participation at the 11th Global Conference on Sustainable Manufacturing Sustainable manufacturing – Innovative solutions
 - October 2012 – Istanbul, Turkey: attending the 10th Global Conference on Sustainable Manufacturing Sustainable Manufacturing – Towards Implementing Sustainable Manufacturing
 - April 2012 – Stockholm, Sweden: attending the conference "Stockholm +40 Partnership Forum for Sustainable Development,,
 - November 2011 - St. Petersburg, Russia: attending and participation at the 9th Global Conference on Sustainable Manufacturing Sustainable manufacturing – Shaping Global Value Creation
 - November 2010 - Abu Dhabi, UAE: attending and participation at the 8th Global Conference on Sustainable Manufacturing Advances in sustainable manufacturing
 - February 2009 – Gaza, Palestine: attending course of Organizational Assessment and Evaluation in TEIs at the Community Service & Continuing Education.
 - October 2007 – Gaza, Palestine: attending workshop on KAIZEN at the Japan International Cooperation Agency JICA
 - June 2001 – Lahore, Pakistan: attending a workshop on Bureau of Quality Education on Total Quality Management.

- Computer skills and competences**
- Diploma in Windows Application.
 - Project Scheduling and Planning.
 - Computer Aided Design/ AutoCAD Application.
 - Pro-E 2000i CAD, CAM, Mould, Surface.
 - Design Online Courses by using WEB CT.

Selected Publications

1. Abdelall, S., Abushaban A., Agha S., **Identification of Benefits and Challenges Facing New Engineering Programs Seeking ABET Accreditation in Developing Countries**, International Conference On Engineering And Future Technology, 2018
2. Karaeen, M., Abu Hanieh, A., and S. AbdElall, **Concept Model for the Second Life Cycle of Vehicles in Palestine**. Procedia Manufacturing, 2017. 8: p. 707-714.
3. Smithers, R., Harrison, M., Z. Mimi, K. Hardan, S. Abdelall, and A. Hasan, **National Adaptation Plan (NAP) to Climate Change**. Environment Quality Authority (EQA), Ricardo-AEA Ltd, 2016
4. Hasan A., Z. Mimi, K. Hardan, S. Abdelall, Z. Khleif, A. Abu Thaher, I. Musa, I. Quqa, I. Morrow, J. Perks, K. Shabb, R. Smithers, and J. Watterson, **Initial National Communication Report to the United Nations Framework Convention on Climate Change (UNFCCC)**. Environment Quality Authority (EQA), Ricardo-AEA Ltd, 2016.
5. Abu Hanieh, A., S. AbdElall, and A. Hasan, **Decision Support System for Industrial Social Performance**. Procedia CIRP, 2016. 40: p. 329-334.
6. Abu Hanieh, A., A. Hasan, and S. AbdElall, **Integration of Sustainability in Engineering Education in Palestine**. Journal of Engineering Research and Technology, 2015. 2: p 15-23.
7. Abu Hanieh, A., S. AbdElall, P. Krajnik, A. Hasan, **Industry-Academia Partnership for Sustainable Development in Palestine**, Procedia CIRP, 2015. 26: p. 109-114.
8. Afifi, S., S. Alnahhal, and S. Abdelall, **Developing an Integrated Sustainable Sanitation System for Urban Areas: Gaza Strip Case study**. Procedia CIRP, 2015. 26: p. 767-774.
9. Hanieh AA, AbdElall S, Hasan A: **Sustainable Development of Stone and Marble Sector in Palestine**. Journal of Cleaner Production 2013.
10. Hanieh AA, Hasan A, AbdElall S, Krajnik P: **The Role of Resource Efficiency in Engineering Education**. In 11th Global Conference on Sustainable Manufacturing - Innovative Solutions (Seliger G ed. Berlin, Germany: Technische Universität Berlin; 2013).
11. AbdElall S, Hanieh AA, Amer M, Arman H, Hammad I, Hasan A, Ramahi A: **Shaping the Engineering Qualifications for Improving Living Standards and Resources Efficiency**. In 10th Global Conference on Sustainable Manufacturing - Towards Implementing Sustainable Manufacturing (Seliger G, Kılıç SE eds.). Istanbul, Turkey: International Academy for Production Engineering (CIRP); 2012.
12. Hanieh AA, AbdElall S, Hasan A: **Stone and Marble Industrial Sector in Palestine - Model for Sustainability**. In 10th Global Conference on Sustainable Manufacturing (Seliger G, Kılıç SE eds.). Istanbul, Turkey: The International Academy for Production Engineering (CIRP); 2012.
13. AbdElall S, Reise C, Seliger G: **Semantic Web Approach for Determining Industry Qualifications Demand on Real-time Bases**. In 40th SEFI Annual Conference. Thessaloniki, Greece: European Society for Engineering Education; 2012.
14. AbdElall S, Ramahi A, Seliger G: **Shaping Qualification Profiles of Engineering Graduates Based on ABET and employment demand**. In Interactive Mobile and Computer Aided Learning (IMCL), 2012 International Conference on; 6-8 Nov. 2012. 2012: 159-166.
15. AbdElall S, Moflih R, Seliger G: **Internationalizing the Engineering Qualifications**. In Sustainable Manufacturing - Shaping Global Value Creation. Edited by Seliger G. Berlin, Germany: Springer-Verlag Berlin Heidelberg; 2012: 329-335.
16. Moflih R, AbdElall S, Seliger G: **Value Creation Model for Internationalization - Reducing Risks and Breaking Down Barriers**. In Sustainable Manufacturing - Shaping Global Value Creation. Edited by Seliger G. Berlin, Germany: Springer-Verlag Berlin Heidelberg; 2012: 41-47.
17. AbdElall S, Reise C, Seliger G: **A Dynamic Model for Matching Job Market Qualifications Demand and Educational Market Qualifications Supply**. In Advances in Sustainable Manufacturing. Edited by Seliger G, Khraisheh MMK, Jawahir IS: Springer Berlin Heidelberg; 2011: 51-56.