CURRICULUM VITAE

Sameer Al-Dahidi

Department of Mechanical and Maintenance Engineering (MECH)
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SUMMARY

Sameer Al-Dahidi received the **B.Sc. degree** (with honors – 1st rank) in Electrical and Computer Engineering from The Hashemite University (Jordan) in 2008, the **M.Sc. degree** (very good – 1st rank) in Nuclear Energy (Operations Specialty) from Ecole Centrale Paris and Université Paris-Sud 11 (France) in 2012, and the **Ph.D. degree** (with honors) in Energy and Nuclear Science and Technology from Politecnico di Milano (Italy) in 2016. From 2008 to 2010, Dr. Al-Dahidi worked as an Electrical & Instruments Engineer at CCIC and Kharafi National on Oil & Gas and petrochemical mega projects in Kuwait and the UAE.

Dr. Al-Dahidi is currently an Associate Professor at the Mechanical and Maintenance Engineering Department, School of Applied Technical Sciences at the German Jordanian University, Amman, Jordan. Dr. Al-Dahidi's current research interests encompass the development of advanced machine learning models and optimization techniques to solve and address various industrial engineering challenges across diverse applications. This includes (i) creating analytics and models for Prognostics and Health Management (PHM), operation, maintenance, and Reliability, Availability, Maintainability, and Safety (RAMS) analysis of engineering systems, and (ii) developing AI-based methods for predicting renewable energy production. Additionally, Dr. Al-Dahidi is interested in renewable energy systems and mechanical engineering fields, e.g., thermal sciences, HVAC, among others.

Dr. Al-Dahidi is an outstanding professor, teaching bachelor and master-level engineering courses both full-time and part-time locally (e.g., Al Hussein Technical University - HTU) and internationally (e.g., The Technical University of Applied Sciences Würzburg-Schweinfurt - THWS), with exceptional evaluations from students. He has supervised and co-supervised >**40** Bachelor, Master, and Ph.D. theses and dissertations both locally and globally. Dr. Al-Dahidi is the author and co-author of >**80** papers on high-quality international journals and proceedings of international conferences, a referee of >**20**, a guest editor of **6** special issues at high-quality international journals, and a permanent editor of **1** journal. As of June 2024, Dr. Al-Dahidi's h-index was **18** in Google Scholar, **17** in Scopus, and **16** in ISI Web of Science.

Further, Dr. Al-Dahidi has been the Program Coordinator and Quality Assurance Manager for the EDU-SYRIA EU-funded educational and humanitarian project (**37.6** million Euros) since June 2021.

PERSONAL INFORMATION

Date and Place of Birth	: Nov 12th, 1986, Kuwait
Nationality	: Jordanian
Marital Status	: Married (two children)
Mobile	: +962 77 6 93 98 91
E-mails	: sameer.aldahidi@gju.edu.jo; sameer.aldahidi@polimi.it; sameer.dahidi@yahoo.com

EDUCATION

January 2013 – March 2016
Ph.D. in Energy and Nuclear Science and Technology, *Politecnico di Milano, Italy*
- Politecnico di Milano QS Rankings 2022/2023: 1st (Italy), 7th (Europe), 18th (world) in the subject of Engineering and Technology, and 123rd (world), entering the world's top 9% of excellent universities.
- Thesis "*Development of Data-Driven Methods for Prognostics and Health Management under Variable Operational Conditions in Industrial Equipment*".

- Marie Curie Ph.D. Fellowship within the European Project "*Innovation through Human Factors in risk analysis and management*" (InnHF, www.innhf.eu).
- Ph.D. with **Honors** (the highest possible grade).

September 2010 – September 2012
M.Sc. in Nuclear Energy, **Operations**, *École Centrale Paris* and *Université Paris-Sud XI, France*
- GPA of 16/20 (Very Good – Rank 1 out of 12).
- Master Scholarship from French Government, 2010-2012.

September 2004 – June 2008
B.Sc. in Electrical and Computer Engineering, *The Hashemite University, Jordan*
- GPA of 3.92/4.0 (Excellent – Rank 1 out of 121).
- Rank 2nd out of 535 graduates from all Jordanian universities in the University Efficiency Examination, held by the Ministry of Higher Education and Scientific Research, in the Electrical Engineering specialization, Jordan.

September 2003 – August 2004
General Secondary Education Certificate (Scientific Stream), *Alshamila Secondary School, Jordan*
- GPA of 92.6/100 (Excellent).

UNIVERSITY EXPERIENCE

February 2021 – Present
Associate Professor, *Mechanical and Maintenance Engineering Department, School of Applied Technical Sciences, German Jordanian University, Amman, Jordan*.

February 2018 – January 2021 (3 years)
Assistant Professor, *Mechanical and Maintenance Engineering Department, School of Applied Technical Sciences, German Jordanian University, Amman, Jordan*.

October 2017 – January 2018 (4 months)
Part-Time Lecturer, *Mechanical Engineering Department, Faculty of Engineering, The Hashemite University, Zarqa, Jordan*.

June 2016 – May 2017 (1 year)
Research Associate, Postdoctoral Research Fellow, *Energy Department, Politecnico di Milano, Milan, Italy*.
Research Topic 1: Development of Data-Driven Methods for the Prediction of Electricity Production by Renewable Energy Sources (Co-operation contract between Edison R&D and Politecnico di Milano).
Research Topic 2: Development of Methods for the Analysis of Long Term, High Dimensional Data Streams and their Use for Detection of Abnormal Patterns in Industrial Equipment of Electricity Production Plants (Co-operation contract between Électricité de France (EDF) R&D and Politecnico di Milano).

January 2013 – March 2016 (3 years and 3 months)
Ph.D. Candidate and Early Stage Researcher at InnHF EU Project (Project ID 289837), *Energy Department, Politecnico di Milano, Milan, Italy*
Research Topic: Development of Data-Driven Methods for Prognostics and Health Management under Variable Operational Conditions in Industrial Equipment

January 2014/2015 – April 2014/2015 (6 months)
Visiting Ph.D. Candidate (Secondment Period – Research Collaboration), *Chair System Science and the Energy Challenge, Fondation Electricité de France (EDF), CentraleSupélec, Laboratory of Industrial Engineering, Paris, France*
Research Topic: Processing Condition Monitoring Data for Diagnosis and Prognosis of Components in a Fleet of Electricity Production Plants (Co-operation between Électricité de France (EDF) R&D and Politecnico di Milano)

January 2014 – April 2014 (4 months)
Researcher at HEMIS EU Project (Project reference FP7-ICT-314609, www.hemis-eu.org), *Energy Department, Politecnico di Milano, Milan, Italy*

Research Topic: The Development of a Data-Driven Model for the Diagnosis of Insulated Gate Bipolar Transistor (IGBT) Failures.

June 2008 – October 2008 (4 months)
Lab Supervisor, *Electrical and Computer Engineering Department, The Hashemite University, Zarqa, Jordan.*

ADMINISTRATIVE POSITIONS

June 2021 – Present
Program Coordinator and **Quality Assurance Manager**, *EDU-SYRIA EU-Funded Project (37.6 million Euros) (https://edu-syria.eu/), German Jordanian University, Amman, Jordan.*

February 2018 – Present
Exchange Coordinator, *Mechanical and Maintenance Engineering Department, School of Applied Technical Sciences, German Jordanian University, Amman, Jordan.*

September 2022 – August 2023
Vice-Head of Department, *Mechanical and Maintenance Engineering Department, School of Applied Technical Sciences, German Jordanian University, Amman, Jordan.*

September 2021 – August 2022 (1 year)
Exchange Coordinator, *Mechatronics Engineering Department, School of Applied Technical Sciences, German Jordanian University, Amman, Jordan.*

DEPARTMENT, SCHOOL, AND UNIVERSITY SERVICES

October 2022 – Present
Committee Member, *German 4th Year at the School of Applied Technical Sciences of the German Jordanian University.* The objective is to handle all aspects related to the 4th German year of the three majors at SATS, GJU.

October 2022 – Present
Committee Member, *Dual Study Track at the School of Applied Technical Sciences of the German Jordanian University.* The objective is to evaluate the current dual study track at the Mechanical and Maintenance Engineering Department and the School of Applied Technical Sciences at German Jordanian University.

May 2024 – June 2024 (1 month)
Committee Member, *Germany Year Courses in the Mechatronics Engineering Bachelor's Program.* The objective is to review and update the Germany Year courses in the Bachelor's program in Mechatronics.

May 2024 – June 2024 (1 month)
Committee Member, *Evaluation of PhD Scholarship Applications at the Mechanical and Maintenance Engineering Department.* The objective is to assess and review applications to select the best candidates for a PhD scholarship opportunity.

January 2024 – February 2024 (1 month)
Committee Member, *Evaluation of Teahching and Research Assistant Appointment Applications at the Mechanical and Maintenance Engineering Department.* The objective is to assess and review applications recieved to select the best candidates for a Teaching and Research Assistance position at the department.

November 2023 – December 2023 (1 month)
Committee Member, *Participating in the Preparation of the Data Analytics Section of the Engineering Management Master's Program Comprehensive Examination at the Industrial Engineering Department.* The objective is to contribute to the preparation of the Data Analytics section as part of the comprehensive examination established for Master's students in the Engineering Management program at the IE department.

August 2023 – September 2023 (1 month)
Committee Member, *Evaluation of Faculty Transfer Application at the Mechanical and Maintenance Engineering Department.* The objective is to assess and review the transfer application of a faculty member at the department.

October 2022 – August 2023 (1 year)

Committee Member, *School Council at the School of Applied Technical Sciences of the German Jordanian University*. The objective is to represent the Mechanical and Maintenance Engineering Department and to discuss the whole aspects of the School of Applied Technical Sciences at German Jordanian University.

October 2022 – August 2023 (1 year)
Committee Member, *Media and Marketing for the Mechanical and Maintenance Engineering Department and School of Applied Technical Sciences at the German Jordanian University*. The objective is to improve the publicity of MECH as well as IE and ME majors of the School of Applied Technical Sciences at German Jordanian University.

June 2022 – December 2022 (7 months)
Committee Coordinator, *Performance Evaluation of the Active Gas Network at the German Jordanian University*. The objective is to inspect the active gas network of the German Jordanian University and later to study the recommendations provided by the National Gas Company concerning the inspections carried out and the ultimate recommendations offered for how to improve the performance of the active gas network of the German Jordanian University while ensuring a high level of safety.

May 2022 – June 2022 (1 month)
Committee Member, *Risk Assessment at the German Jordanian University*. The objective is to highlight potential risks at the GJU and establish a guideline for assessing them by the relevant parties at GJU.

March 2022 – March 2022 (1 month)
Committee Member, *Examiner Committee Member for GJU students who applied for ERASMUS+ Scholarship of their German Year (4th Year of their B.Sc. program) of the whole Schools at the German Jordanian University*. The objective is to evaluate/examine the students who applied for the ERASMUS+ Scholarship opportunity of their German Year across the whole schools of the German Jordanian University.

September 2019 – September 2020 (1 year)
Committee Member, *University Council Committee*. Participate in University Council meetings, represent the School of Applied Technical Sciences, provide School concerns at meetings, and approve MOMs.

September 2018 – June 2020 (1 year and 10 months)
Committee Member, *SATS Open Day School Committee*. Plan and Organize activities (Students Poster Competition of their Graduation Projects and Labs Demo) for the School of Applied Technical Sciences (SATS) Open Day.

April 2019 – January 2020 (10 months)
Committee Member, *Teaching and Research Assistant Interview and Selection Department Committee*. Study submitted applications (91), conduct several interviews (more than 30%), and finally nominate candidates for the Mechanical and Maintenance Engineering Department Teaching and Research Assistant Positions.

August 2019 – October 2019 (3 months)
Committee Coordinator, *Smart Grid Lab Tender Committee*. Study all offers and select winners (the first Smart Grid Lab in Jordan and the largest ever SATS tender regarding allocated budget as part of ERASMUS+ Program (Project No. 585648-EPP-1-2017-1-UK-EPPKA2-CBHE-JP)).

February 2018 – August 2019 (2.5 year)
Committee Member, *Life-long (Continual) Learning School Committee*. Initiate, discuss, and implement the following tracks for the development of the life-long (continual) learning within SATS: 1) Establish a connection between SATS/GJU and ACI by offering several industrial training courses to be taught by SATS faculty professors targeting personnel working in various Jordanian industries, 2) Support the GJU's Office for Industrial Links (OIL) in organizing a periodical one-week intense training course/workshop for GJU graduates, company representatives, and professors (Adapt2job), and 3) Offer various training courses for SATS/GJU faculty members in up-to-date hot-topics that might be beneficial for their research/educational fields (Continual Educational Courses).

February 2018 – August 2018 (7 months)

Committee Member, *Development & Research Creativity School Committee*. Initiate and discuss establishing an Industry 4.0 Center to facilitate research at SATS/GJU and Write a proposal with a quotation from FESTO (an automation company) submitted to the Deanship of Scientific Research at GJU for approval.

TEACHING EXPERIENCE

- Teaching (Assistant/Associate Professor) of several graduate-level (M.Sc.) courses in the School of Applied Technical Sciences at the Industrial Engineering Department, **German Jordanian University**, Amman, Jordan, *September 2019 – Present*:
    1. *Research Methods* (Coordinator)
    2. *Reliability and Maintenance Management* (Coordinator)

- Teaching (Assistant/Associate Professor) of several undergraduate-level (B.Sc.) courses in the School of Applied Technical Sciences at the Mechanical and Maintenance Engineering Department, **German Jordanian University**, Amman, Jordan, *February 2018 – Present*:
    1. *Computer-Aided Math for Mechanical Engineering Students (Coordinator)*
    2. *Reliability and Quality Control* (Coordinator)
    3. *Management of Maintenance Systems* (Coordinator)
    4. *Spare Parts and Storage Management* (Coordinator)
    5. *Special Topics in Maintenance Engineering* (Coordinator)
    6. *Special Topics I for Mechanical and Maintenance Engineering* (Coordinator)
    7. *Electrical Machines and Control LAB*
    8. *Electrical Machines LAB*
    9. *Automatic Control Systems LAB*
    10. *Statics*
    11. *Workshop*

- Teaching (Part-time Lecturer – Teaching one complete unit (Pearson)) of one undergraduate-level (B.Sc.) course in the School of Engineering Technology, Energy Engineering Department, **Al Hussein Technical University (HTU)**, Amman, **Jordan**, *July-August 2023* (48 teaching hours):
    1. *Maintenance Engineering*

- Teaching (Part-time Lecturer – As part of the International Teaching Week 2023 – Teaching one complete module of 6 days – 60 contact hours) of one undergraduate-level course in the Faculty of Business and Engineering, **Technical University of Applied Sciences Würzburg-Schweinfurt (THWS)**, Schweinfurt, **Germany**, *May 19th-27th 2023* (60 hours including interactive exercises, group work, etc.):
    1. *Artificial Intelligence for Condition-Based and Predictive Maintenance*

- Teaching (Part-time Lecturer – As part of the International Teaching Week 2022 – Teaching one complete module of 6 days – 60 contact hours) of one undergraduate-level course in the Faculty of Business and Engineering, **University of Applied Sciences Würzburg-Schweinfurt (FHWS)**, Schweinfurt, **Germany**, *May 13th-21st 2022* (60 hours including interactive exercises, group work, etc.):
    1. *Management of Maintenance Systems*

- Teaching (Part-time Lecturer) of several undergraduate-level courses in the Faculty of Engineering at the Mechanical Engineering Department, **The Hashemite University**, **Jordan**, *Fall 2017* (192 hours):
    1. *Numerical Analysis*
    2. *Thermal Science Lab I* (Coordinator).

- Teaching (Assistant) of several graduate-level courses at **Politecnico di Milano**, **Italy**, *2014-2017* (35 hours):
    1. *Risk, Reliability, and Safety Analysis*
    2. *Availability and Maintenance*
    3. *Computational Methods for Reliability*
    4. *Advanced Methods for RAM, Diagnostics,* and *Prognostics of Industrial Equipment*.

- Teaching (Assistant) of several industrial courses at **Eni Corporate University**, **Italy**, *2014-2016* (35 hours):
    1. *Quantitative Risk Assessment*

2. *Maintenance Engineering*.

- Teaching (Assistant) of a graduate-level course in the Master Nuclear Energy program at **École Centrale Paris**, **France**, *February 2nd and 13rd, 2015* (7 hours)*:*
    1. *Maintenance of Nuclear Installations*.

UNDERGRADUATE & GRADUATE STUDENT ADVISING

- Co-supervisor of **TWO** <u>Ph.D.</u> students in their dissertations at the Energy Department, Politecnico di Milano, *June 2016 – March 2021* (Supervisors: Prof. Enrico ZIO and Prof. Piero BARALDI):
    1. **Mingjing XU** [Thesis title: Advanced Artificial Intelligence Techniques of Deep Learning and Reservoir Computing for Data-Driven Prognostics and Health Management with Missing Data and Information]
    2. **Zhe YANG** [Thesis title: Data, Text and Image Processing by Deep Learning and Extreme Learning Machine for Prognostics and Health Management]

- Supervisor[1] and Co-supervisor[2] of **EIGHT** <u>M.Sc.</u> students in their theses:
    1. **Dania ALSAWALMEH** [Thesis title: Intrusion Detection System to Protect the IoT Network from the DDoS Attack] at the Computer Science Department (Enterprise Systems Engineering Program), German Jordanian University and Princess Sumaya University for Technology, Amman, **Jordan**, *September 2022 - Present* (Supervisor: Dr. Dhiah el Diehn I. Abou-Tair)[2].
    2. **Eman ABUMAHFOUZ** [Thesis title: A Hybrid Feature Engineering (Fuzzy Analytic Hierarchy Process) and Machine Learning (Artificial Neural Network) Approach for an Accurate Cost Estimation of Construction Projects] at the Industrial Engineering Department (Engineering Management Program), German Jordanian University, Amman, **Jordan**, *September 2021 – January 2023* (Co-supervisor: Dr. Emhaidy Gharaibeh)[1].
    3. **Alia Mohammad AL-RAWAHNEH** [Thesis title: Performance Analysis and Prediction of a Grid-Connected Photovoltaic System] at the Mechanical Engineering Department (Renewable Energy Program), Mu'tah University, Mu'tah, **Jordan**, *November 2021 – January 2022* (Supervisor: Prof. Ali S. AL-DMOUR)[2].
    4. **Abdul-Aziz AL-SHUBBAK** [Thesis title: Performance Comparison of Machine Learning Algorithms for Solar Photovoltaic (PV) Output Prediction] at the Mechanical Engineering Department, The University of Jordan, Amman, **Jordan**, *September 2018 – January 2022* (Supervisor: Dr. Osama AYADI)[2].
    5. **Jehad ADEEB** [Thesis title: Machine Learning for Optimum Solar Power System Integration] at the Mechanical Engineering Department, The University of Jordan, Amman, **Jordan**, *September 2018 – January 2022* (Supervisor: Dr. Osama AYADI)[2].
    6. **Maria Rosaria TERMITE** [Thesis title: A Never Ending Learning Method for Fault Diagnostics in Energy Systems Operating in Evolving Environments] at the Energy Department, Politecnico di Milano, Milano **Italy**, *February 2018 - March 2019* (Supervisors: Prof. Enrico ZIO and Prof. Piero BARALDI)[2].
    7. **Miriam FRESC** [Thesis title: Forecasting by Artificial Intelligence in the Energy Industry: Feature Selection for Prediction by Artificial Neural Networks] at the Energy Department, Politecnico di Milano, Milano **Italy**, *February 2018 - March 2019* (Supervisors: Prof. Enrico ZIO and Prof. Piero BARALDI)[2].
    8. **Eleonora NIGRO** [Thesis title: Ensemble of Echo State Networks for Predicting the Energy Production of Power Plants] at the Energy Department, Politecnico di Milano, Milano **Italy**, *February 2018 - March 2019* (Supervisors: Prof. Enrico ZIO and Prof. Piero BARALDI)[2].

- Supervisor[1] and Co-supervisor[2] of **THIRTY-FOUR** <u>B.Sc.</u> students in their Graduation Projects at the Mechanical and Maintenance as well as Industrial Engineering Departments, German Jordanian University, Amman, **Jordan**, *Feb 2018 – Present*:
    1. **Hussam AL-MOMANI** [Thesis title: Creating Transparency in Operations: Real-Time Data Visualization in Dashboard using Siemens Insights Hub] (2nd 2023/2024 – MAHLE GmbH)[1]
    2. **Tariq ALKISWANI** [Thesis title: PAM: Prognostic AI Mind Data-Driven Web App for Maintenance Decision Making] (1st 2023/2024 – GJU)[1]

3. **Abdallah SALEH** [Thesis title: Designing a Drone that is Able to Enhance Its Speed and Control its Flight Direction] (2nd 2022/2023 – Ingenieurbüro Ghidaoui)[1]
4. **Salem AQAYLEH**, **Omer MOHAMMED**, and **Ahmed HAMAD** [Thesis title: Techno-Economic-Environmental Evaluation of Landfill Gas Upgrading at Al Ghabawi Septic Tank] (Summer 2022/2023 – GJU)[1]
5. **Mohammad ABUARQOB**, **Tala ALQAWASMI**, **Seif NOFAL**, and **Iyad QADADEH** [Thesis title: Optimizing Nike's Critical Garments Production Line through Lean Techniques to Maximize Efficiency] (Summer 2022/2023 – GJU)[1]
6. **Firas ABU-TALIB** [Thesis title: Research & Development for Smart-Fridge use in Outdoors] (1st 2022/2023 – Livello Technologies GmbH)[1]
7. **Ahmad AL-AHDAB** [Thesis title: Optimization of Air Induction above Sail Module in Terms of Effectiveness and Manufacturing Costs] (1st 2022/2023 – Zehnder GmbH)[1]
8. **Ahmad ABDO** [Thesis title: Creation of a Development Guideline for Fuel Cell Management Systems with a Focus on Mechanical Development Topics] (1st 2022/2023 – Marquardt GmbH)[1]
9. **Emad ELSAADI** [Thesis title: Investigation of Influencing Parameters in Laser Diagnostic Analysis of Microparticles] (2nd 2021/2022 – Laboratory for Optical Diagnostic Methods and Renewable Energies (ODEE) - Darmstadt University of Applied Sciences)[1]
10. **Ammar ODEH** [Thesis title: Digital Paving Production Line Optimization] (2nd 2021/2022 – LUCEM GmbH)[1]
11. **Ali ALWALEED** [Thesis title: Hazardous Substance Management System and Substances of Concern In articles as such or in complex objects Products (SCIP) Database] (2nd 2021/2022 – Reel GmbH)[1]
12. **Anas AL SHIKH KHALIL** [Thesis title: Development of a Gas-Tight Linear Motion System for Use in Gas-Insulated Switchgear] (2nd 2020/2021 – Nuventura GmbH)[1]
13. **Ahmad EDAILY** and **Musab ZOU'BI** [Thesis title: Machine Learning Techniques for Solar Photovoltaic Power Production Prediction] (1st 2020/2021 – GJU)[1]
14. **Saif KASSICIEH** and **Ahmad ALKHOFASH** [Thesis title: An Efficient Model-based Support Vector Machine (SVM) for Solar Photovoltaic (PV) Power Production Prediction] (1st 2020/2021 – GJU)[1]
15. **Mahmoud HASAN** and **Majed ALSAWEAR** [Thesis title: PV Power Production Prediction using Statistics and Machine Learning Techniques] (2nd 2019/2020 – GJU)[1]
16. **Moawiah Alazzam** [Thesis title: Energy Balance optimization of a WWTP by applying other technologies] (2nd 2019/2020 – PASSAVANT Energy & Environment GmbH)[1]
17. **Nadeem MAZAHREH** [Thesis title: Failure Diagnosis of Wind Turbines using Artificial Neural Networks] (1st 2019/2020 – CWD Center for Wind Power Drives – RWTH Aachens University)[1]
18. **Mahmoud ALAMERI, Orwa AZZAM** and **Mohammad AL-SYOOF** [Thesis title: Empirical Evidence on Maintenance Management in the Jordanian Manufacturing and Process Sector] (2nd 2018/2019 - GJU)[1]
19. **Salah AL-NAZER** [Thesis title: Development of Artificial Intelligence (AI)-based methods for Renewable Energy Production Prediction] (2nd 2018/2019 - GJU)[1]
20. **Abdelwahhab ABU-HMEIDAN** and **Mohammad MAKAHLEH** [Thesis title: Improving the Current Maintenance Practices in Arab Aluminum Industry (ARAL) in Jordan] (1st 2018/2019 - GJU)[2]
21. **Laith ABUALI** and **Yacoub HINDIYEH** [Thesis title: Guideline for Performance Monitoring and Testing of Anwar Solar Photovoltaic Project] (1st 2018/2019 - GJU)[1]
22. **Mohammad YOUSEF** [Thesis title: Dynamic Inspection plan in Aerospace industry] (2nd 2017/2018 – STTS Germany GmbH c/o Airbus Operations GmbH)[1]

THESES & DISSERTATIONS EXAMINATION COMMITTEE

- External examination member of **THREE** Ph.D. students in their dissertations:
  1. **H.S. Anantha Padmanaba** [Dissertation title: Effect of Oxygenated Additives on the Perormance and Emissions Characteristics of a Diesel Engine Working with Jatropha-Karanja Dual Blended Biodiesel] at the Mechanical Engineering Department, VIT-AP University, Amaravati, **India**, *June 2024* (Supervisor: Dr. Dillip Kumar Mohanty).

2. **Bingsen Wang** [Dissertation title: Transfer Learning and Domain Adaptation for the Deployment in Practice of Prognostics and Health Management of Industrial Components and Systems] at the Energy Department, Politecnico di Milano, Milan, **Italy**, *25th May 2023* (Supervisor: Prof. Piero Baraldi & Prof. Enrico Zio).
3. **Mahadev** [Dissertation title: Investigations on Development and Characterization of Aluminium-Wax Metal Foam] at the Mechanical Engineering Department, Visvesvaraya Technological University, Belagavi, **India**, *October 2022* (Supervisor: Dr. C. G. Sreenivasa).

- External examination member of **SEVEN** M.Sc. students in their theses:
    1. **Hazim AlKhatib** [Thesis title: Enhancing the Productivity of PV Module using Cooling Method] at the Mechanical Engineering Department (Renewable Energy Program), The University of Jordan, Amman, **Jordan**, *August 2024* (Supervisor: Dr. Bashar Qawasmeh).
    2. **Hazim AlKhatib** [Thesis title: Enhancing Vacuum Tubes Efficiency using Natural Convection of Non-Newtonian Fluid in Saturated Porous Media] at the Mechanical Engineering Department (Mechanical Engineering Program), The University of Jordan, Amman, **Jordan**, *August 2024* (Supervisor: Dr. Mohammad Al-Rabai).
    3. **Dareen Al-Makkawi** [Thesis title: Optimizing The Performance of a Humidification–Dehumidification Desalination System for Enhanced Efficiency and Productivity] at the Mechanical Engineering Department (Mechanical Engineering Program), The University of Jordan, Amman, **Jordan**, *August 2024* (Supervisor: Dr. Mohammad Al-Rabai).
    4. **Ola Alshawabkeh** [Thesis title: The Use of Smart Systems Technologies to Detect Accumulated Dirt on Solar Panels Utilizing Color Recognition - Based Techniques] at the Mechanical Engineering Department (Renewable Energy Program), The University of Jordan, Amman, **Jordan**, *May 2024* (Supervisor: Dr. Bashar Qawasmeh, Co-Supervisor: Dr. Mahdi Nisirat).
    5. **Ahmad Salameh Qaqour** [Thesis title: Optimal Operation Control of PV-Diesel Hybrid Systems Using Machine Learning Techniques] at the Mechanical Engineering Department (Renewable Energy Program), The University of Jordan, Amman, **Jordan**, *January 2023* (Supervisor: Dr. Osama AYADI, Co-Supervisor: Dr. Mohammad Al-Rabai).
    6. **Sara Jalal Abu-Dabaseh** [Thesis title: Study the role of Solar and Geothermal Energy in Enhancing Organic Rankine Cycle (ORC) Performance for Heating and Cooling Applications] at the Mechanical Engineering Department (Mechanical Engineering Program), The University of Jordan, Amman, **Jordan**, *28th December 2022* (Supervisor: Dr. Mohammad Al-Rabai).
    7. **Hamad Mohammad Al-Talafeeh** [Thesis title: Building and Experimental Testing of a Solar Basin Distiller under Different Configurations and Operation Conditions] at the Industrial Engineering Department (Energy Management Program), The University of Jordan, Amman, **Jordan**, *27th December 2022* (Supervisor: Dr. Mohammad Al-Rabai).

- Internal examination member of **TWO** M.Sc. students in their theses:
    1. **Ahmed Mahmmud Ahmed Al-Subeih** [Thesis title: Data-Driven Artificial Intelligence (AI) Models for Analyzing and Predicting Performance and Durations for Municipal Projects in Jordan] at the Industrial Engineering Department (Engineering Management Program), German Jordanian University, Amman, **Jordan**, *12nd August 2021* (Supervisor: Dr. Hisham ElMoaqet).
    2. **Marah Rakan Salim Al-Tal** [Thesis title: Application of Data-Driven Predictive Maintenance for a Hospital HVAC System using Machine-Learning Algorithms] at the Industrial Engineering Department (Engineering Management Program), German Jordanian University, Amman, **Jordan**, *18th May 2021* (Supervisor: Prof. Raid Al-Aomar).

- Internal examination member of **THIRTY-SEVEN** B.Sc. students in their Graduation Project theses at the Mechanical and Maintenance as well as Industrial Engineering Departments, German Jordanian University, Amman, **Jordan**, *Feb 2018 – Present* (Supervisors: Various):
    1. **Loiy Marar** [Thesis title: Smart Home Control Hub: Automation, Monitoring, Controlling and Security] (August 2024 – GJU)
    2. **Anas Jadalla** [Thesis title: Hydrogen Generation from Pumped Hydroelectric Energy Storage Integrated with Photovoltaic System] (August 2024 – GJU)

3. **Hamza Al Dabbas, Hakam Al Qudah**, and **Hamza Al Najjar** [Thesis title: Design of a Hybrid Geothermal Heat Pump and Electric Air Conditioning Compressor System for Building C - GJU Campus] (August 2024 – GJU)
4. **Baraa Altarawneh** [Thesis title: Optimization of Plasma Process within Assembly and Interconnection Process Chain of Power Modules] (July 2024 – BOSCH Group)
5. **Essam Al Salhi** [Thesis title: A Research Study about Incorporating Heat Pumps to a Gas Fired Power Plant with Renewable Energy Sourced Electricity] (June 2024 – LEIPA Group)
6. **Abdullah QASEM**, **Rahsed MANSOUR**, and **Soud ALSALEH** [Thesis title: Validation and Accuracy of Different Smartphone Measuring Applications for Real-World Settings within the Domain of Human Factors] (August 2023 – GJU)
7. **Karam Alhroub** [Thesis title: Electrical and Optical Characterization and Modelling of Mini Modules with Integrated Bifacial Solar Cells with Respect to the Total Irradiation Power Transmission/Absorption in Solar Air Heater Devices] (July 2023 – Fraunhofer Center for Silicon PV CSP)
8. **Baha Bawaneh, Zaid Alrababah, and Zaid Qtaishat** [Thesis title: Designing, Modelling, and Simulating a Proposed Sustainable Engineering Solution to The University of Jordan Hospital Access Problem] (June 2023 - GJU)
9. **Daniel Majrouh, Suhib Al-Remawi, and Yousef Aldahouk** [Thesis title: Exploiting the Potential and Feasibility of Hybrid Photovoltaic System with Pumped Hydroelectric Energy Storage in Jordan] (June 2023 - GJU)
10. **Bashar Alsleihat** [Thesis title: Engineering Design of a Feed Supply System for Carnallite Dewatering Centrifuges] (March 2023 - ERCOSPLAN Ingenieurbüro Anlagentechnik GmbH)
11. **Rami Masoud** [Thesis title: eATS – Hardware Investigation for Power Electronics/Drive Control Units] (March 2023 - Mercedes-Benz AG)
12. **Noor Aldeen Kastiro** [Thesis title: Machine Conformity Assessment Process for CE Marking at Gigafactory Tesla Berlin-Brandenburg] (March 2023 - Tesla)
13. **Faisal Alqarra** [Thesis title: Design and Building Enclosure for a Security System in the Automotive Industry] (Feb 2023 - KONVOI GmbH)
14. **Bahaa' Kharabsheh** [Thesis title: Center Console Innovation- Consolidate the new proposal for Modular Center Console] (Feb 2023 - Forvia)
15. **Salahaldeen Albeetar** [Thesis title: Conceptual Design and Optimization for the Provisioning of Work Aid to Reduce the Immobilization Time of Railway Vehicles in Operational Maintenance] (Feb 2023 - DB Regio AG)
16. **Salahaldeen Albeetar** [Thesis title: Conceptual Design and Optimization for the Provisioning of Work Aid to Reduce the Immobilization Time of Railway Vehicles in Operational Maintenance] (Feb 2023 - DB Regio AG)
17. **Mohammad Jadallah** [Thesis title: Air-Conditioned Baby Carrier Cot] (October 2022 - GJU)
18. **Anas Hassan Aljadid** [Thesis title: A Magnetic Vortex Generator for Simultaneous Heat Transfer Enhancement and Pressure Drop Reduction in a Mini Channel by using 2% and 3% Ferrofluid (Fe_3O_4)] (October 2022 - GJU)
19. **Abdelrahman Alrawajfeh** [Thesis title: Vibration Response of Axially Functionally Graded Material Subjected to a Moving Load] (Feb 2022 – GJU)
20. **Marwan Hamad** [Thesis title: Conceptual Design and Development of a Database to Ensure Quality Standards According to ISO 17025] (January 2022 – OSRAM GmbH)
21. **Omar Zuaiter** [Thesis title: The Conception, Design, and Process Evaluation of a Printing Head for the Parallel Dispensing of High Viscosity Metal Paste for the Metallization of Solar Cells] (June 2021 – HIGHLINE GmbH)
22. **Yazeed Maayah, Yahia Eleswed** and **Sabri Abwini** [Thesis title: Energy Harvesting from Vibration] (August 2019 – GJU)
23. **Saif Kawar** and **Omar AbuZeitoon** [Thesis title: Design of a Smart Home in Terms of Safety, Security, and Energy Efficiency] (August 2019 – GJU)
24. **Luai Shehab & Sulieman Hamawi** [Thesis title: Developing Inventory Control System for Spare Parts in Royal Jordanian] (January 2019 – Royal Jordanian)
25. **Sanad Refaie** and **Mohammad W. AlZoubi** [Thesis title: Photovoltaic Systems; Operations and Maintenance Guide] (June 2018 – GJU)

26. **Ahmad M. Dabash** [Thesis title: An Analysis of Jordan's Residential Electricity Use Intensity] (June 2018 – GJU)

FACULTY PROMOTION INTERNATIONAL COMMITTEE

- Evaluation of Promotion application from Assistant Professor to Associate Professor at the *American University of Kuwait (AUK)*, March **2022**.

RESEARCH INTERESTS

My current research interests encompass the development of advanced machine learning, artificial intelligence, and optimization techniques to address and solve various industrial engineering challenges across diverse applications. This includes, but is not limited to:
- Developing analytics for Prognostics and Health Management (PHM) to support maintenance-related decision-making in energy production plants.
- Development of AI-based methods for for predicting renewable energy production and enhancing thermal systems.
- Investigating renewable energy systems and mechanical engineering fields, e.g., thermal sciences and HVAC.

INDUSTRIAL WORK EXPERIENCE

April 2011/2012 – August 2011/2012 (9 months)
Master Student Intern (M1 and M2 Years), *AREVA NP, Paris La Defense, France*
Project 1 (M1 year): Development of a New 3D Core Monitoring System "MAGELAN".
Project 2 (M2 year): Design Performance Improvement Management of Engineering and Projects Organization Design Center.

January 2009 – May 2010 (1 year and 4 months)
Junior Electrical & Instruments (E&I) Engineer, *Consolidated Contractors International Company (CCIC), Abu Dhabi, UAE*
Project: Expansion of Abu Dhabi Polymers Company (Borouge) (Project Value: 1.4 Billion USD).

September 2008 – December 2008 (4 months)
Graduate Electrical & Instruments (E&I) Engineer, *Kharafi National Limited Company, Kuwait, Kuwait*
Project: Expansion of Mina Al-Ahmadi Refinery (MAA).

REFEREEING, GUEST EDITOR & PERMANENT EDITOR

REFEREEING

International Publishers

- **IEEE** Publisher: IEEE ACCESS, IEEE Transactions on Reliability, IEEE Transactions on Power Systems **(Active Reviewer)**
- **ELSEVIER** Publisher: Renewable & Sustainable Energy Reviews, Applied Soft Computing, Computers in Industry (**Active Reviewer**)
- **SAGE** Publisher: Risk and Reliability (Part O): Proceedings of the Institution of Mechanical Engineers (**Active Reviewer**), Advances in Mechanical Engineering (**Active Reviewer**).
- **FRONTIERS** Publisher: Frontiers in Energy Research **(Active Reviewer** and **Reviewer Director/Editor)**
- **MDPI** Publisher: Energies, Applied Sciences, Sensors, Data, Algorithms, Symmetry, Journal of Marine Science and Engineering, and Sustainability (**Active Reviewer**).
- **SPRINGER** Publisher: Reviewer for a Book entitled "*Advanced Control and Optimization Paradigms for Wind Energy Systems*" (**Reviewer**)
- **IGI GLOBAL** Publisher: Reviewer for a Book entitled "*Soft Computing Methods for System Dependability*" (**Reviewer**)
- **PHM Society**: International Journal of Prognostics and Health Management (IJPHM) (**Active Reviewer**)

International Conferences

- The 2024 4th Power System And Green Energy Conference (PSGEC 2024) (**TPC Committee**).

- The 3rd Asia Power and Electrical Technology Conference (APET 2024) (**TPC Committee**).
- The 3rd International Conference on Clean Energy Storage and Power Engineering (CESPE 2024) (**Steering Committee**).
- The 22nd International Conference on Research and Education in Mechatronics (REM 2024) (**Active Reviewer** and **Scientific Committee**).
- The 2023 International Conference on Data Mining, Computing and Software Engineering (DMCSE 2023) (**TPC Committee**).
- The International Conference on Innovation in Mechanical and Civil Engineering (*i*-MACE) (**Active Reviewer, Track Chair of Industrial Engineering** and **International Advisory Board**).
- The International Conference on System Reliability and Safety Engineering (SRSE) (**Active Reviewer** and **Technical Committee**).
- The International Renewable Energy Congress (IREC) (**Active Reviewer** and **International Program Committee**).
- The 3rd Edition of International Conference on Industrial Systems and Processes (SPIn2022) (**Scientific Committee**).
- The 4th International Conference on Reliability Engineering (ICRE 2019) (**Active Reviewer** and **Technical Committee**).
- The International Conference on System Reliability and Safety (ICSRS) (**Active Reviewer, Session Chair,** and **Technical Committee**).
- Annual European Safety and Reliability (ESREL) Conferences (**Active Reviewer** and **Technical Committee**) .
- Annual and European Conferences of the Prognostics and Health Management (PHM) Society (**Active Reviewer**).

GUEST EDITOR

- **Sustainability MDPI Journal**: FOUR Special Issues entitled:
    1. *Sustainable Thermal Management: Innovations in Energy Efficiency and Eco-Friendly Materials* (**Deadline: 15th July 2025**).
    2. *Renewable Poly-Generation Systems: Revolutionizing Energy Production and Resource Utilization* (**Deadline: 28th February 2025**).
    3. *Safety and Reliability of Renewable Energy Systems for Sustainability* (**Deadline: 30th November 2024**).
    4. *Renewable Energy Sources for Electrical Power: Reliability Assessment, Condition Monitoring, Prognostics and Health Management, Production Prediction* (**Closed**).
    5. *Advanced Modeling and Simulation for Application in Solar Radiation and Photovoltaic Systems* (**Closed**).
- **Advances in Mechanical Engineering SAGE Journal**: ONE Special Collection entitled:
    1. *Advances in Soft Computing Techniques for Computational Engineering* (**Closed**).

PERMANENT EDITOR

- **Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability SAGE Journal** (https://journals.sagepub.com/editorial-board/pio).

HONORS AND AWARDS

- **Recognition of Teaching Excellence:** Awarded by the Deanship of Graduate Studies (DGS) at the German Jordanian University (GJU) for outstanding performance during the First Semester of the 2023/2024 academic year.
- Winner of (2nd rank) the **Distinguished Research Award (DRA)** at the German Jordanian University (GJU) of 2022/2023 academic year, contributing to raising the university's academic reputation, consolidating its position at the national, regional and international levels, and achieving its mission and vision of excellence in scientific research and community service.
- Winner of (3rd rank) the **Distinguished Academic Award (DAA)** at the German Jordanian University (GJU) of 2022/2023 academic year, contributing to raising the university's academic reputation, consolidating its position at the national, regional and international levels, and achieving its mission and vision of excellence in teaching and community service.

- Winner of a **Worldwide Part-Time Teaching opportunity** at the Technical University of Applied Sciences Würzburg-Schweinfurt (THWS) for a course entitled "*Artificial Intelligence for Condition-Based and Predictive Maintenance*" on 19th-27th May 2023 at Schweinfurt, Germany.
- Winner of an **ERASMUS+ Staff Mobility opportunity for a Training Program** entitled "*Fault Detection, Diagnosis and Prognosis for Critical PV Systems Components*" at the University of Cyprus, Nicosia, Cyprus, 25th-29th July 2022 (PHYSICAL at Nicosia – Certificate is available).
- Winner of a **Worldwide Part-Time Teaching opportunity** at the University of Applied Sciences Würzburg-Schweinfurt (FHWS) for a course entitled "*Management of Maintenance Systems*" on 13th-21st May 2022 at Schweinfurt, Germany.
- Winner of **Best Poster Award** in the *29th European Safety and Reliability Conference (ESREL 2019)*, Hannover, Germany of the Paper entitled "*Fault Prognostics in Presence of Event-Based Measurements*", 22nd-26th September 2019.
- Winner of **Excellent Oral Presentation Certificate** in the *2018 3rd International Conference on System Reliability and Safety (ICSRS 2018)*, Barcelona, Spain of the Paper entitled "*Quantification of Uncertainty of Wind Energy Predictions*", 24th-26th November, 2018.
- Winner of **Excellent Oral Presentation Certificate** in the *2017 2nd International Conference on System Reliability and Safety (ICSRS 2017)*, Milan, Italy of the Paper entitled "*A Dynamic Weighting Ensemble Approach for Wind Energy Production Prediction*", 20th-22nd December 2017.
- Winner of a **Scientific Research Fellowship** for a one-year post-doctorate in "Development and Application of Methods for Reliability, Availability, Maintainability, Safety (RAMS) of Industrial Components and Systems" at the Energy Department of Politecnico di Milano, 1st June 2016.
- Winner of the **IEEE Reliability Society Scholarship** (Italian Chapter) for the tutorials track in the area of "Diagnostics, Prognostics and Health Management (PHM), and Condition-Based Maintenance (CBM)" within PHM 2013 Conference Politecnico di Milano, 8th September 2013.
- Winner of the **Marie Curie Ph.D. Fellowship** within the European Project InnHF financed by the 7th framework program FP7-PEOPLE-2011- Initial Training Network: Marie-Curie Action at the Energy Department of the Politecnico di Milano – Early-Stage Researcher, 2013.
- Winner of a **Master Scholarship** for two years from the French Government in Nuclear Energy (Operations) at Université Paris-Sud XI and École Centrale Paris, 2010-2012.
- I got the **Second rank among all graduates (535)** from all Jordanian universities in the University Efficiency Examination held by the Ministry of Higher Education and Scientific Research in the (Electrical Engineering) specialization, Jordan.
- **Dean's list** - Faculty of Engineering, The Hashemite University, Jordan, 2004-2008.

PROFESSIONAL TRAINING

- Offer a one-hour seminar as part of the International FDP "**Empowering Innovations: Sixdays International FDP on AI Technologies**" on 13rd July 2024 with a talk entitled "**MATLAB for AI**" (ONLINE – Certificate is available).
- Attend one complete module (30 contact hours in 10 days) **"Certified Maintenance and Reliability Professional (CMRP)"** at the **Engineering Tracks**, Online, April 16th-May 18th 2024 (ONLINE – Certificate is available).
- Offer one complete module (60 contact hours including interactive exercises, group work, etc., in 6 days) **"Artificial Intelligence for Condition-Based and Predictive Maintenance"** at the **University of Applied Sciences Würzburg-Schweinfurt (FHWS)**, Schweinfurt, Germany, May 19th-27th 2023 (PHYSICAL at Schweinfurt – Certificate is available).
- Attend **GJU Innovation Ambassadors Training Accredited Program (3rd Batch) [Innovation Management Level 1]** organized by the Deanship of Innovation, Technology Transfer and Entrepreneurship (DI-TECH) of the German Jordanian University, Landmark Hotel, Amman, Jordan, December 15th & 17th, 2022 (15 hours) (PHYSICAL – Certificate is available).
- Participate in the ERASMUS+ Staff Mobility for Training Program **"Fault Detection, Diagnosis and Prognosis for Critical PV Systems Components"** at the **University of Cyprus**, Nicosia, Cyprus, July 25th-29th 2022 (PHYSICAL at Nicosia – Certificate is available).
- Offer one complete module (60 contact hours including interactive exercises, group work, etc., in 6 days) **"Management of Maintenance Systems"** at the **University of Applied Sciences Würzburg-**

Schweinfurt (FHWS), Schweinfurt, Germany, May 13th-21st 2022 (PHYSICAL at Schweinfurt – Certificate is available).

- Attend **Online & Blended Learning (First Level)** training program organized by the Consultation and Training Center of the German Jordanian University, October - December, 2021 (22 hours) (ONLINE – Certificate is available).
- Attend **E-learning Dialogue Session** organized by Online Training Center, German Jordanian University, Amman, Jordan, April 23rd, 2020 (2 hours) (ONLINE – Certificate is not available).
- Attend **GJU Deep Knowledge Gateway Training** (GJU electronic library, GJU e-library outside campus, different available databases, etc.) organized by TechKnowledge (Leading specialized electronic information solutions provider in the middle east – a provider of Al-Manhal, Sage, and other important databases), Amman, Jordan, April 9th, 2020 (1 hour) (ONLINE – Certificate is not available).
- Attend **How to Publish your research Globally?** Webinar (selecting the right Journal, structuring your paper, publication process, the peer review process, publication ethics, getting discovered, dissemination, and promotion) organized by Emerald Publishing, Amman, Jordan, April 9th, 2020 (2 hours) (ONLINE – Certificate is available).
- Attend **AI Bootcamp** (Python basics, Data Science, Machine Learning, Artificial Intelligence, Computer Vision) organized by Phi Science Institute, Amman, Jordan, March 27th-30th, 2020 (ONLINE – Certificate is available).
- Attend **Arab Artificial Intelligence Summit** organized by Phi Science Institute & Beyond Limits, Amman, Jordan, October 29th-30th, 2019 (Certificate is available).
- Attend **Advanced Teaching and training on Smart grid and Grid Integration of Renewable Energy Systems** (AT-SGIRES project funded by the European Union through the ERASMUS+ Programme) Training Course (Challenges for Grids integration from RES and teaching and learning methods knowledge transfer) organized by the Hamburg University for Technology in the framework of EU-funded project AT-SGIRES in Hamburg, Germany, September 16-20, 2019 (Certificate is available).
- Attend **Advanced Teaching and training on Smart grid and Grid Integration of Renewable Energy Systems** (AT-SGIRES project funded by the European Union through the ERASMUS+ Programme) Capacity Building Course (Smart Grids and laboratory sessions using PVSYST and Openmuc) organized by the University of Cyprus in the framework of EU-funded project AT-SGIRES in Nicosia, Cyprus, February 4-8, 2019 (Certificate is available).
- Attend **Intensive Wind Energy Workshop** (topics covered are global wind status, wind Atlas – Maps, Types, Parts, Projects, Developers) organized by AMC Training and Consulting in Amman, Jordan, February 4-8, 2019 (Certificate is available).
- Attend **Adapt2Job – 2win-Training 4th edition** entitled "Digitalization 2018 and beyond" organized by a2J and SMS group in German Jordanian University, Madaba, Jordan, September 23-27, 2018.
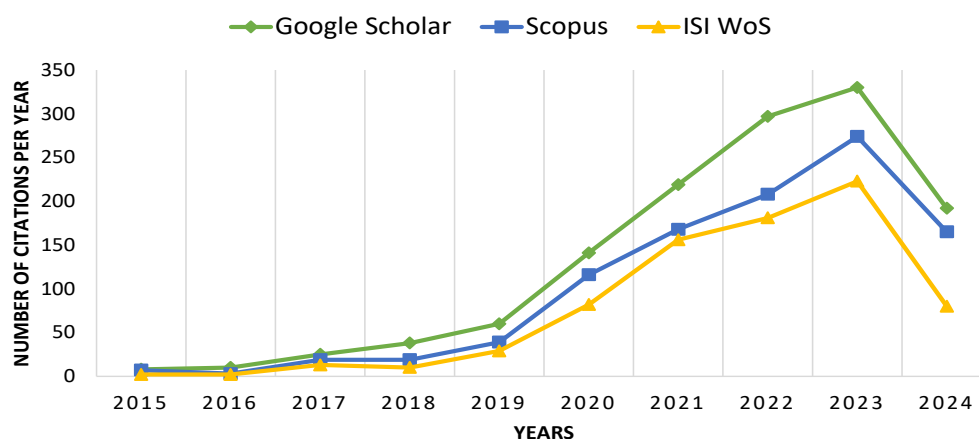
PROFESSIONAL MEMBERSHIP

- Society for Maintenance and Reliability Professionals (SMRP) (December 2023 - Present).
- IEEE Society: Power & Energy Society (PES), Computational Intelligence Society (CIS), Reliability Society, and Industry Applications Society (January 2024 - Present).
- Advanced Teaching and training on Smart grid and Grid Integration of Renewable Energy Systems (AT-SGIRES) network (Feburary 2019 - Present).
- Prognostics and Health Management Society (PHM) (June 2014 – Present).
- European Safety and Reliability Association (ESRA) (March 2013 – Present).
- Jordanian Engineers Association, Electrical Engineering, Member (June 2008 - Present).

RESEARCH STATISTICS

SYNTHETIC NUMERICAL INDICATORS:

Up to June 2024

	Google Scholar	Scopus	ISI Web of Science
H-index	**18**	**17**	**16**
Number of Publications	**78**	**74**	**65**
Number of Citations	**1330**	**1018**	**778**

LANGUAGES

Arabic: Native, English: Fluent, French: Good, Italian: Good.

COMPUTER SKILLS

MatLab: Professional, LaTeX: Basic, MS Office: Professional, Windows: Professional.

PROFESSIONAL WEBPAGES

German Jordanian University (GJU): https://www.gju.edu.jo/content/dr-sameer-al-dahidi-8520
ResearchGate: https://www.researchgate.net/profile/Sameer-Al-Dahidi
LinkedIn: https://www.linkedin.com/in/sameer-al-dahidi-b2031b120/
Google Scholar: https://scholar.google.com/citations?user=TdFloggAAAAJ&hl=en%20
Scopus Author Identifier: 56271830200
Web of Science ResearcherID: AFM-7470-2022
ORCID ID: 0000-0002-7745-7784
IEEE Membership ID: 94052776

REFERENCES

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Enrico ZIO (Full Professor)
Energy Department, Politecnico di Milano, Milan, Italy
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Ismael Al-Hinti (Full Professor)
President, Al Hussein Technical University (HTU), Amman, Jordan
Tel.: +962 6 580 8787
E-mail: ismael.hinti@gju.edu.jo

*The **Overall Teaching Evaluation Summary** is attached.*
** The **full List of Publications** is attached.*
*** The **EDU-SYRIA Experience Summary** is attached.*
**** The **Exchange Coordinator Experience Summary** is attached.*