



Dr. Ahmed Handam

PERSONAL INFORMATION:

Academic Rank: Assistant Professor

Date & Place of Birth: 27.09.1983

Nationality: Jordanian

Address: Jordan -Amman

Phone No.: 00962-777772368

E-mail: Handamahmed@gmail.com

ACADEMIC QUALIFICATIONS:

Degree	Major	Duration	University
PhD	Renewable Energy Engineering	2008-2013	National Research university MPEI
Master	Electrical power Systems and Networks	2006-2008	National Research university MPEI
Bachelor	Electrical power Systems and Networks	2001-2006	National Research university MPEI

TEACHING EXPERIENCE:

Duration	Institution	Department/Faculty	Country
2024- Recent	JPU Jerash university "Full time"	Renewable and sustainable energy / Engineering	Jordan
2022-2024	HTU Al Hussein Technical University "Part time"	Renewable energy / Engineering	Jordan
2021-2022	AAU Amman Arab University "Full time"	Renewable energy / Engineering	Jordan
2019-2021	JU Jadara University "Full time"	Renewable energy / Engineering	Jordan
2019-2020	AABU Al al-Bayt University "Part time"	Renewable energy / Engineering	Jordan

ADMINISTRATIVE EXPERIENCE:

Duration	Institution	Title	Country
----------	-------------	-------	---------

2024- Recent	JPU Jerash university "Full time"	Head of Renewable and Sustainable Energy Engineering	Jordan
2021-2022	AAU Amman Arab University "Full time"	Head of Renewable energy Engineering	Jordan
2019-2021	JU Jadara University "Full time"	Head of Renewable energy Engineering	Jordan

INDUSTRY EXPERIENCE

Duration	Institution	Title	Country
2015-2019	POWA Training and consulting on labor protection	President of the company in MENA	MENA
2022-2024	POWA Training and consulting on labor protection	Consultant and trainer	MENA

PUBLICATIONS:

<https://scholar.google.com/citations?user=nxN HQAAAAJ&hl=en>

<https://www.scopus.com/authid/detail.uri?authorId=57425148100>

Author/s (In order)	Title	Journal	Vol./No	Publication Date
Ahmed Handam, Khalaf S Gaeid, Adnan Al-Smadi, Yaseen Al-Husban	Artificial intelligent control of energy management PV system	Results in Control and Optimization	14	2024
Sami Ayyad, Mousa Bani Baker, Ahmed Handam, Takiialddin Al-Smadi	Reducing the Highway Networks Energy Bills Using Renewable Energy System	Civil Engineering Journal	9	2023
Yaseen Al-Husban, Mohanad Al-Ghriyah, A Handam , Takiialddin Al Smadi, Rabie'ah Al Awadi	Residential Solar Energy storage system state of art, Recent, Application, Trends and Development	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY SCOPUS Q2	57/6	2023

A Alahmer, H Alahmer, A Handam , H Rezk	Environmental Assessment of a Diesel Engine Fueled with Various Biodiesel Blends: Polynomial Regression and Grey Wolf Optimization	Sustainability SCOPUS Q1	14/3	2022
Ahmed M.Nassef A Handam	Parameter estimation-based slime mold algorithm of photocatalytic methane reforming process for hydrogen production	Sustainability SCOPUS Q1	14/5	2022
A Handam , T Al Smadi	Multivariate analysis of efficiency of energy complexes based on renewable energy sources in the system power supply of autonomous consumer	International Journal of Advanced and Applied Sciences SCOPUS Q3	9/5	2022
Takialddin A smadi, A Handam	Artificial neural networks for voice activity detection Technology	Journal of Advanced sciences and Engineering Technologies	5/1	2022
Lotfy, E Mohamed, A Handam , Barkov R Yu	Investigation of Polymer70% Aluminum Powder Composite	International Journal of Metallurgy and Metal Physics	5/1	2020
A Handam , Vissarion VI.	Climatic Characteristics Of Jordanian Regions And Its Territory Zoning For Estimation Of A Potential Of Renewable Energy Sources.	Journal of MEI	4	2011
A Handam , Vissarion VI.	Estimation of the environmental performance of renewable energy in Jordan	Scientific and technical creativity of young people - the way to a society based on knowledge	5	2010
A Handam , Vissarion VI.	Assessing Resource of solar and wind energy in Jordan	Journal of MEI.	1	2009

ARTICLES PUBLISHED IN DAILY NEWSPAPER ABOUT ENERGY FUTUERE:

1. From complete darkness to a source of energy

<https://alghad.com/?p=1013701>

2. Will the Corona pandemic change the demand for the renewable energy sector?

<https://alghad.com/?p=927450>

3. Highway generates energy

<https://alghad.com/?p=1107040>

4. Food security and renewable energy in light of Corona

<https://www.ammonnews.net/article/572165?PageSpeed=noscript>

5. Will the new US administration succeed in overturning the energy balance?

<https://www.ammonnews.net/article/577814?PageSpeed=noscript>

Interview in English with A magazine concerned with sustainability issues Interviews

[Interviews - Dr. Ahmed Handam On The Middle East Writing A Sustainable And Climate Forward Future \(thirtytonetzero.com\)](#)

COURSES TAUGHT:

- Engineering Economy
- Engineering Mathematics
- Communication Skills and Profession Ethics
- Electric Circuits
- Electronics 2
- Introduction to Engineering
- Power Electronics
- Solar Energy
- Wind Energy
- Renewable Energy
- Engineering Science
- Energy management and protocols
- Environment and Energy
- Energy efficiency and economy
- Graduation Project
- Practical training

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES:

- Jordan Engineers Association
- Reviewer of Jordan Journal of Mechanical and Industrial Engineering "SCOPUS"
- Member of Editorial Board for Journal of Advanced Sciences and Engineering Technologies

UNIVERSITY COMMITTEES:

- The College of Engineering Board **member**

- The Graduation Projects Committee **president**
- Cultural Committee **member**
- Quality Assurance Committee **member**
- Scientific Research Committee **member**
- Measure the effectiveness of educational programs **member**
- Materials Equivalency Committee **member**
- Study Plans Committee **member**
- Strategic Planning Committee **member**
- University Proficiency Examination Committee **member**
- Committee of the Training and Development Committee for Faculty Members **member**

LANGUAGES:

Arabic: Mother tongue

Russian: Fluent in reading, writing and speaking.

English: Fluent in reading, writing good speaking.

SKILLS:

- Excellent computer and internet skills
- Good correspondence and communication skills
- Ability to work under pressure and with the group
- Valid driving license