1.Personal Information.

Name	Mohammad Al-Safadi
Place of Birth	Jordan
Nationality	Jordanian
Address	Irbid, Jordan
Mobile Number	+962-788011329
E-mail	m.safadi@inu,edu,jo

2.Academic Qualifications

#	Degree	Specialization	Rate	Language of study	University Name	Graduation Date
1.	PhD.	Mechanical Engineering	Excellent	English	King Fahd University for Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia	May 2026
2.	M.Sc.	Mechanical Engineering	Excellent	English	Jordan University of Science and Technology (JUST), Irbid, Jordan	Jun 2021
3.	B.Sc.	Mechanical Engineering	Excellent	English	Al-Balqa'a Applied University (BAU), Irbid, Jordan	Jun 2015
4.	**G.S.E.C**					

Field of narrow specialization for higher degree:

Thermal Science and Renewable Energy.

Title of Master Thesis:

A Novel Water Freezing Desalination Plant Integrated into A Combined Gas Power Cycle Plant

Title of Ph.D. Dissertation:

Solar Collector Design Incorporating Lattice Structures

3. Academic Experience

#	Position	Place of work	Period of work
1.	Teaching Assistant	King Fahd University for Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia	Aug 2022 – May 2026
2.	Standards Engineer	Jordan Standards and Metrology Organization (JSMO), Amman, Jordan	Mar 2018 – Aug 2022
3.	Teaching Assistant	Jordan University of Science and Technology (JUST), Irbid, Jordan	Sep 2016 – Mar 2018

4. Membership in Academic Societies Associations

#	Name of Association	Place of Association	Specialty of Association
1.			
2.			
3.			

5. Conferences

#	Name of Conferences	Date of Conferences	Place of Conferences
1.			
2.			
3.			
4.			
5.			
6.			

6.Publish Research Paper

Name of Paper	Journal name	Date	Classification
CFD benchmarking of triply periodic minimal surface (TPMS) and non-TPMS heat sink geometries: Thermal-hydraulic trade-offs at equal structural volume	International Communications in Heat and Mass Transfer	2026	
Quantitative synthesis and correlations of heat transfer and friction factor in triply periodic minimal surface (TPMS) structures	Results in Engineering	2026	
CFD Comparative Analysis of Conventional and Triply Periodic Minimal Surface (TPMS) Metal Foam Composites for Latent Heat Thermal Energy Storage	Arabian Journal for Science and Engineering	2025	
A novel water freezing desalination plant integrated into a combined gas power cycle plant	Energy	2023	
Portable Biogas Digesters for Domestic Use in Jordanian Villages	Recycling	2019	

7.Languages :

Arabic (For non - Arabic Speakers): Native
English: C1
Other Languages: German A2

I'M Mohammad Al-Safadi Hereby that all the foregoing statements above are true, and I bear complete legal responsibility .

Signature : Mohammad Al-Safadi

Place& Date: Irbid 17/10/2026