



College of Engineering
Academic Accreditation Committee



Staff C.V

Name: **Mohanad A. Alfellag**

Date of birth: **25/1/1989**

Religion: **Muslim**

Martial statues: **Married**

No. of children: **1**

Specialization: **Mechanical Engineering**

Position: **Lecturer, Undergraduate coordinator**

Scientific Degree: **Masters**

Work Address: **College of Engineering, UOA**

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First, Scientific Certification:

Degree science	University	College	Date
Master	Embry-Riddle Aeronautical University, USA	College of Engineering	2014
Bachelor	University of Anbar, Iraq	College of Engineering	2010

Second, Career:

No.	Career	Workplace	From -To
1	Lecturer	Mechanical Engineering Dept., College of Engineering, UOA	2015-present
2	Undergraduate coordinator	Mechanical Engineering Dept., College of Engineering, UOA	2017-present

Third, University Teaching:

No.	University	The (Institute / College)	From -To
1	University of Anbar	College of Engineering	2015-present

Fourth, Courses Which You Teach:

No.	Department	Subject	Year
1	Mechanical Engineering Dept.	Power Plants	2014-2015 2015-2016 2018-2019 2019-2020 2020-2021
2	Mechanical Engineering Dept.	Renewable Energy	2019-2020 2020-2021
3	Mechanical Engineering Dept.	Engineering Analysis	2017-2018
4	Mechanical Engineering Dept.	Heat Transfer I	2015-2016
5	Mechanical Engineering Dept.	Thermodynamics I, II (Tutorial)	2017-2018
6	Mechanical Engineering Dept.	Electrical Machines	2014-2015 2015-2016 2017-2018 2018-2019

7	Mechanical Engineering Dept.	Computer programing	2015-2016 2016-2017
8	Mechanical Engineering Dept.	Calculus II	2019-2020
9	Mechanical Engineering Dept.	English Language I	2015-2016 2016-2017
10	Dams and Water Resources Dept.	Hydraulic machines	2015-2016
11	Chemical Engineering Dept.	English Language I	2015-2016

Fifth, Conferences which you participated:

No.	Conferences Title	Year	Place	Type of Participation
1	6" International Scientific Conference on Nanotechnology, Advanced	2018	University of Technology, Iraq	Conference paper

Sixth, Research Projects in the Felid of Specialization:

No	Research Title	Place of Publication	Year
1	Assessment of heat transfer and pressure drop of metal foam-pin-fin heat sink	International Journal of Thermal Sciences	2021
2	Three-dimensional computational comparison of mini pinned heat sinks using different nanofluids: Part one—the hydraulic-thermal characteristics	Heat Transfer—Asian Research	2020
3	Three-dimensional computational comparison of mini-pinned heat sinks using different nanofluids: Part two—energy and exergy characteristics	Heat Transfer—Asian Research	2020
4	Numerical simulation of hydrothermal performance of minichannel heat sink using inclined slotted plate-fins and triangular pins	Applied Thermal Engineering	2020
5	Optimal Hydrothermal Design of Microchannel Heat Sink using Trapezoidal Cavities and Solid/Slotted Oval Pins	Applied Thermal Engineering	2019
6	Parametric investigation of a modified gas turbine power plant	Thermal Science and Engineering Progress	2017

Seventh, Awards and Certificates of Appreciation:

No.	Name of Awards and	Donor	Year
1	Thanks of Appreciation	University's president	2015-2021
2	Thanks of Appreciation	Dean of the College of Engineering	2015-2021

Eighth, Languages

- English
- Arabic