



College of Engineering
Academic Accreditation Committee



● Personal Information

Name: Obaid Talak Fadhil

Marital Status: Married

Specialization: Thermal Engineering

Position: University of Anbar – College of Engineering

Scientific Degree: Assistant Professor

Academic Title: Teaching Staff

Languages: Arabic & English

Work Address: College of Engineering – Mechanical Engineering Department

Work Phone: None

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Scientific degree	University	College	Year of graduation
B.Sc.	University of Technology	Department of industrial Teachers	1986
M.Sc.	University of Technology	Mechanical Engineering Department	1990
Ph.D.	University of Technology	Mechanical Engineering Department	2007

● Scientific Certifications

No.	Career	Workplace	From -To
1	Technician & Engineer	Petroleum Training center	1980-1992

2	Teaching Staff	University of Anbar	1992- now
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● **Career**

No of total careers: **3**

● **Teaching Experiences**

NO of total courses have taught: **3**

No.	Department	Subject	From – To
1	Mechanical Engineering	Fluid Mechanics	1992-1996
2	Mechanical Engineering	Refrigeration & Air Condition	1996 - 2022
3	Mechanical Engineering	Advanced Heat Transfer	2011 - 2023

● **Most recent published papers**

NO of total papers have published: **12**

No.	Journal name	Paper title	Year of published
1	Energy and Buildings	Assessing and improving the thermal performance of reinforcedconcrete-based roofing systems in Iraq	2015
2	Arabian Journal for Science and Engineering	Enhancement of Thermal Design of Pipe Filled Partially with Porous Media Using Eccentric Fluid Cores Media Using Eccentric Fluid Cores	2022
3	Applied Thermal Engineering	Optimal hydrothermal design of microchannel heat sink using trapezoidal cavities and solid/slotted oval pins	2019
4	Heat Transfer	Optimal hydrothermal design of internal flow pipe with insertion of straight and helical metal foam fins	2020
5	International Communications in Heat and Mass Transfer	Heat transfer and fluid flow characteristics of tubular channel partially filled with grooved metal foams	2014

- Thesis and dissertation supervising**

NO of total : **7**

No.	Thesis Title	Department	Year
1	Heat Transfer Enhancement of Circular Pipe Partially Filled with Grooved Metallic Foams	Mechanical Engineering	2017- 2018
2	Hydraulic – Thermal Performance of a Double Pipe Heat Exchanger Filled with Annular Metal Foam .	Mechanical Engineering	2019 -2020

- Memberships**

No.	Association	Country	Year
1	Engineers Association of Iraqis	Iraq	1986
2			