

Name: Laith Ayad Salman Al-Sadawi

Assistant Lecturer, or **Lecturer, or Assistant Prof., etc....**

Affiliation: **Scientific Affairs Department**, Vice President of University for Scientific Affairs Office, University of Technology- Iraq

Official Email: laith.a.salman@uotechnology.edu.iq

1) Biography:

Dr Al-Sadawi awarded his B.Sc & M.Sc degrees Mechanical Engineering-Aerospace from University of Technology- Iraq in **2003 & 2006**, respectively. He gained his **Ph.D** degree in **Aerospace Engineering** from **Brunel University London, UK** in **2020**.

He currently works in the Scientific Affairs Department, University of Technology- Iraq.

2) Education

e.g: Ph.D in Aerospace Engineering, Brunel University London, UK

3) Research interest

Aeroacoustics, Aerodynamics, Wind turbine, CFD, Fluid Mechanics

4) Publications

1-The influence of a divergent slot on the near-wake region of a circular cylinder

2-PREDICTING AND MODELING THE EFFECTS OF TURBINES NOISE ON OPERATOR'S MENTAL TASK PERFORMANCE IN AL-DORA POWER PLANT

3-Aerodynamics improvement of DU97-W-300 wind turbine flat-back airfoil using slot-induced air jet

4-POTENTIAL AND EVOLUTION OF MINIATURES COMPRESSED AIR ENERGY STORAGE PLANTS BASED ON IMPULSE TURBINE

5- Passive Control of Vortex Shedding Noise of Circular Cylinders by Passive Air-Jet Blowing

6- A numerical study of natural convection in square cavity with heated cylinder of different diameter and location through computational analysis

7- Aerodynamic noise reduction by plasma actuators for a flat plate with blunt trailing edge

8- Circular cylinder wake and noise control using DBD plasma actuator

9-Tone noise reduction by plasma actuator on a flat plate with blunt trailing edge

10-Reduction of bluntness-induced vortex shedding noise using plasma actuators

5)Teaching

Gas Dynamics, Aircraft Engine Design, Aircraft design, English Language

6) Honors and Awards

n/a

Academic Profiles Links:

- Google Scholar:
<https://scholar.google.com/citations?user=iHzTUcwAAA&hl=en>
- ResearchGate:
<https://www.researchgate.net/profile/Laith-Al-Sadawi>
- Orcid:
<https://orcid.org/my-orcid?orcid=0000-0002-4397-4708>
- Web of Science:
<https://www.webofscience.com/wos/author/record/AAR-1443-2021>
- Scopus:
<https://www.scopus.com/authid/detail.uri?authorId=57191063670>