

Dr. Anwar N. Mohammed Ali

Oil and Gas Engineering Department

Lecturer

10605@uotechnology.edu.iq

anwarn_2000@yahoo.com



Profile

Anwar N. Mohammed Ali obtained his PhD in Mechanical Engineering from the University of Technology- Iraq, Electromechanical Engineering Department. He joined the University of Technology, Baghdad, Iraq since 2002, and worked there as an assistant lecturer (scientific supervisor) at center of training and workshops (2002-2012), then as lecturer at department of Petroleum Technology (recently: Oil and Gas Engineering Department) (2012- present).

Also Anwar worked as an Adjunct instructor at Production Engineering, Sulaymania Technical College(2011/2012), Mechanical Engineering Department, Engineering College, Wasit University(2012-2014), and Production and Metals Engineering Department, University of Technology(2017/2018).

CV. file in pdf.

- Google scholar: <https://scholar.google.com/citations?hl=en&user=SrT4YmMAAAAJ>
- ResearchGate: <https://www.researchgate.net/profile/Anwar-Mohammed-Ali>
- Publons: <https://publons.com/researcher/1733149/anwar-nadhom-mohammed-ali>
- ORCID : <https://orcid.org/0000-0002-2189-2779>

EDUATION

- PhD. Mechanical Eng., Electromechanical Engineering Department/ University of Technology- Iraq, 2011
- MSc, Mechanical Eng., Technical Education Department/ University of Technology- Iraq, 2001
- BSc, Mechanical Eng., Technical Education Department/ University of Technology- Iraq, 1998

Research Interested

renewable energy, Turbomachinery, GTE, CFD, fluid flow, Technical Education

Publication

- 1- "Enhancing Heavy Crude Oil Flow in Pipelines through Heating-Induced Viscosity Reduction in the Petroleum Industry", Journal of Fluid Dynamics and Materials Processing, 2023, Vol 19 (8), 2027-2039. <https://doi.org/10.32604/fdmp.2023.027312> .
- 2- "Fabrication and Testing of Pyramidal X-Band Standard Horn Antenna", H.Fahad and et.al, J. Babylon University for Engineering Sciences, V.26, No.1, 2018.
- 3- "Preliminary Design and Simulation of an Axial Flow Compressor with Experimental Verification", MSc thesis, University of Technology, Baghdad, Iraq, 2011.
- 4- "Design and Development of Vertical Axis Lifting Wind Turbines", PhD thesis, University of Technology, Baghdad, Iraq, 2001.

Teaching

- Fluid mechanics I (2019-present)
- Fluid mechanics II (2019-present)
- Mathematics (Ordinary Differential Equations),(2015- 2019)
- Mathematics (Partial Differential Equations),(2015-2019)
- Thermodynamics,(2015/2016)
- Dynamics (2012-2014)
- Plasticity (2011/2012)
- Computers (windows and office),(2012-2014)
- Computer Programming (Visual Basic),(2013-2018)
- Computer Programming (Matlab),(2012-2016,2017/2018)
- Computer Programming (Fortran and Numerical Analyses),(2016/2017)
- Physics, (2014/2015)
- Eng. Drawing and AutoCad,(2013-2015)
- Engineering Practice, (2014/2015, 2021-present)

Honors and Awards

Several acknowledgement official letters for different accomplishments from (Minister of Higher Education and Scientific Research, Undersecretary of Minister of Higher Education and Scientific Research for Scientific Affairs, Heads of Different universities , Heads of Different Engineering Colleges and Departments, IREX ,and others.)