



Northern Technical University / Technical Engineering college of
Mosul



/Power Mechanics Techniques Engineering Department



personal information

Full name	Omar mohammed yousif
The scientific title	lecturer
employment position	Head of the Scientific Promotions Department
Department	Power Mechanics Techniques Engineering Department
Branch	Renewable Energy Engineering
E-mail	Omar.m.yousif@ntu.edu.iq

Academic certificates:

University	Academic certificate	date of the certificate	Specialization	Country
MOSUL	Bachelors	2004	Mechanical Engineering / General	IRAQ
	Higher Diploma	-		-
MOSUL	Masters	2009	Mechanical Engineering / Thermal Power Engineering	IRAQ
University of Technology	Ph.D	2024	Mechanical Engineering / Thermal Power Engineering	IRAQ






Teaching experience

Initial studies	Teaching practical and theoretical subjects (heat transfer, combustion and pollution engineering, engineering materials, engineering mechanics)
Graduate Studies	NO

Research and scientific activity

Published research	6
Conferences and seminars	
Membership in scientific and professional societies and publishing houses	

Profiles

 Google Scholar Profile	omar m yousif - Google Scholar
 Researchgate Profile	https://www.researchgate.net/profile/Omar_Mohammed_Yousif
 Publons Profile	https://publons.com/researcher/1744563/omar-yousif/
 ORCID iD	https://orcid.org/0000-0001-6143-0336
 Scopus	https://www.scopus.com/authid/detail.uri?authorId=57215281961

Scientific and research interests:

Combustion ,Fluid mechanics , heat transfer

Honors and Awards

Issued by	Title of Achievement

APPENDIX G – FACULTY VITAE

Name: Omar Mohammed Yousif

E-mail: omar.m.yousif@ntu.edu.iq

1. Education:

- PhD in Mechanical Engineering / Thermal Power from the University of Technology - Baghdad 2024
- Master's in Mechanical Engineering / Thermal Power from the University of Mosul 2009
 - Bachelor's in Mechanical Engineering / General from the University of Mosul 2004
- Faculty member at the Technical Engineering College / Mosul / Department of Electrical Power Engineering Techniques
- Faculty member at the Technical Engineering College / Mosul / Department of Mechanical Power Engineering Techniques.
- Responsible of the Scientific Research Division in the Department of Scientific Affairs at the Presidency of the Northern Technical University

Non-Academic Experience:

2. Certifications or Professional Registrations:

3. Current Membership in Professional Organizations:

- Iraq Engineers Syndicate -

4. Honors and Awards:

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5. Principal Publications and Presentations of Past Five Years:

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6. Service Activities:

University:

- Northern Technical University

College:

- Technical Engineering College / Mosul

Journal Reviews:

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9. Professional Development Activities:

- Teaching Methods Course
- Correspondence Course in Arabic

10. Miscellaneous:

Computer Skills:

- Microsoft Office
- MATLAB
- AUTOCAD

Languages:

- Arabic – native language.
- English – Excellent in speaking, reading, and writing.

11. Publications:

I. Patent:

II. Journals

1. (نمذجة انتقال الحرارة في زعنفة حلقيّة مع معامل انتقال حرارة متغير) Journal of the Association of Arab Universities for Engineering Studies and Research 2012.
2. (Effects of Nozzle Diameter and Holes Number on the Performance and Emissions of a Gasoline Direct Injection Engine) International Journal of Thermodynamics
3. (MATHEMATICAL MODELING AND EVALUATION OF FUEL INJECTION PRESSURE EFFECTS ON THE PERFORMANCE AND EMISSIONS OF GASOLINE DIRECT INJECTION ENGINE) Journal of Engineering Science and Technology.
4. (Parametric analysis for performance and emissions of gasoline direct injection engine using mathematical modelling) Engineering and Technology Journal
5. Impact of CuO+H₂O nanofluid on the cooling towers performance with varying packing densities ([Results in Engineering Volume 26](#), June 2025, 104664)

III. Conferences

- (Experimental Investigation on the Influence of Duct Material on the Heat Gain to Air Flow) proceedings of the 5th International Engineering Conference, IEC 2019
8950606, pp. 64-67