

Curriculum Vitae (CV)

Ahmed Mohamed Ahmed Hussien



Personal Information:

Academic Rank: Assistant Professor

Department: Mechanical Engineering

Specialization: Mechanical Power Engineering

Position: Assistant Professor at Mechanical Engineering Department

Google Scholar: https://scholar.google.com/citations?user=pwTpo_AAAAAJ&hl=ar

Research Gate: <https://www.researchgate.net/profile/Ahmed-Hussein-245>

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Mechanical Power Engineering	BENHA UNIVERSITY	2013
M.Sc.	Mechanical Power Engineering	EL-ZAGAZIG UNIVERSITY	2006
B.Sc.	Mechanical Engineering	HIGHER TECHNOLOGICAL INSTITUTE	2001

Academic Experience:

Institution: Higher Technological Institute H.T.I, 10thof Ramadan, 6thof October branch

Rank: Assistant Professor

Dates: 2014 - present

Institution: Higher Technological Institute H.T.I, 10thof Ramadan, 6thof October branch

Rank: Research Assistant (PhD student)

Dates: 2007-2013

Institution: Higher Technological Institute H.T.I, 10thof Ramadan, 6thof October branch

Rank: Teaching Assistant

Dates: 2001-2006

Research interests:

- - Heat Transfer Applications
- - Performance and Enhancement Techniques in refrigeration systems
- - Renewable Energy
- - Bio fuel

Publications:

- - Ahmed M. Hussien, M. S. Gad, Bahaa M. Kamel, Ahmed S. Abdallah, **Mohamed S. Shiba**, "**Enhancement of diesel engine performance and emissions burning biodiesel with cerium oxide nanoparticles additive**", Journal of International Society for Science and Engineering, Vol. 3No. 2, 29-35 (June 2021).

[DOI: 10.21608/JISSE.2021.86651.1041](https://doi.org/10.21608/JISSE.2021.86651.1041)

https://jisse.journals.ekb.eg/article_196810.html

- - Abdullah A. Elfar, Ahmed Hussein, S. Nabil, A. Samahi, "Economical Design of a Renewable Power Station Joined With an Atmospheric Water Generator for Remote Areas Using Monte Carlo Simulation", International Middle East Power Systems Conference (MEPCON), Assiut University, Egypt, 2021 22nd

[DOI: 10.1109/MEPCON50283.2021.9686202](https://doi.org/10.1109/MEPCON50283.2021.9686202)

- - Eed A. Abdel-Hadi, Sherif H. Taher, Mohamed M. El-Refae and Ahmed M. Hussein, "Effect of Lubricating Oil on Forced Boiling for R-134a Inside Finned Tubes.", Published in JAUES, vol. 8, No. 27, April 2013, p. 845-858.

Honors and Awards:

- 2001 Appreciation certificate and a congratulation from the engineers syndicate.
- 2009 Autodesk Certified Instructor in AutoCAD Software.
- 2009 Autodesk Certified Instructor in AutoCAD Mechanical Software.
- 2009 Autodesk Certified Instructor in Mechanical Desktop Software.
- 2010 Autodesk Certified Instructor in AutoCAD MEP Software.
- 2010 Autodesk Certified Instructor in Autodesk Inventor Software.

Teaching Experience:

- 2018-present, A part time Assistant Professor, Mechanical Engineering Akhbar Alyoum Academy
- 2015- 2017, A part time, Assistant Professor, Mechanical Engineering Department MUST University
- 2013- present, A full time, Assistant Professor, in the Higher Technological Institute, 10th of Ramadan City, 6th of October branch, Mechanical Engineering Department.
- 2006- 2013, A full time, Lecturer Assistant, in the Higher Technological Institute, 10th of Ramadan City, 6th of October branch, Mechanical Engineering Department.
- 2002- 2006, A full time, Student Research, in the Higher Technological Institute, 10th of Ramadan City, 6th of October branch, Mechanical Engineering Department.
- 2001-2002, A Part time, Student Research, in the Higher Technological Institute, 10th of Ramadan City, 6th of October branch, Mechanical Engineering Department.

Courses taught

- Mechanical Drawing C (using AutoCAD)
- Computer Aided Design (using Autodesk Inventor)
- Programming Language (Quick Basic)
- Engineering Drawing A & B
- Thermodynamics A & B
- Fluid Mechanics A & B
- Refrigeration
- Airconditioning
- Duct and pipeline design
- Thermal Technology
- Energy Conversion
- Renewable Energy
- Heat and Mass Transfer
- Heat and Fluid Machinery
- Fluid Machinery
- Internal combustion engines
- Data Processing
- Fine Measurements