

Curriculum Vitae (CV)

Mohamed Morsy Abou-Rawash



Personal Information:

Academic Rank: Assistant Professor

Department: Mechanical Engineering

Specialization: Mechanical Power

Position: lecturer

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Mechanical Power	Cairo University, Faculty of Engineering	2015
M.Sc.	Mechanical Power	Cairo University, Faculty of Engineering	2012
B.Sc.	Aeronautical	Institute of Aviation Engineering and Technology	2006

Academic Experience:

Institution: Higher Technological Institute, 10th of Ramadan City, 6th of October branch

Rank: Assistant Professor

Dates: 2017

Institution: Higher Technological Institute, 10th of Ramadan City, 6th of October branch

Rank: Research Assistant (PhD student)

Dates: 2013

Institution: Higher Technological Institute, 10th of Ramadan City, 6th of October branch

Rank: Teaching Assistant

Dates: 2009

Institution: Institute of Aviation Engineering and Technology

Rank: Teaching Assistant

Dates: 2007

Research interests:

- Heat Transfer
- Fluid Mechanics
- Renewable Energy

Publications:

- Essam E. Khalil, Haytham El-Zomor, and Mohamed Morsy. "On the Computations of Double Squealer and Flat Gas Turbine Blades Tips", 54th AIAA Aerospace Sciences Meeting, AIAA SciTech, (AIAA 2016-1366).
- E.E.Khalil, Haytham El-Zomor and Mohamed Morsy, (2015) "Numerical Investigations of Flat and Suction Side Squealer Tips for Gas Turbine". 22nd International Conference for ISABE, Paper ISABE-2015-21290, Arizona, USA, , Arizona, USA, 26th October , 2015.
- E.E.Khalil, Haytham El-Zomor and Mohamed Morsy, (2015) "Numerical Investigations of Double Squealer and Flat Tips for Gas Turbine" Engineering and Scientific Research Journal (ESRJ), Shoubra Faculty of Engineering.
- E.E.Khalil, Haytham El-Zomor, Esmail ElBialy and Mohamed Morsy, (2013) "Effect of Compound And Forward Diffusion Angles On Film Cooling Effectiveness Of Flat Plate Surface". 51st Aerospace Sciences Meeting, AIAA Paper 2013-0600.

Teaching Experience:

Courses taught

- Engineering Drawing.
- Engineering Mechanics.
- Fluid Mechanics.
- Thermodynamics.
- Heat Transfer.
- Air Conditioning
- Turbomachinery.
- Renewable Energy
- Hydraulic and Pneumatic