

Curriculum Vitae (CV)

Abdou Abdallah Hassan



Personal Information:

Academic Rank: Lecturer

Department: Mechanical Engineering

Specialization: Design and Production

Position: --

Google Scholar:

https://scholar.google.com/citations?user=dnBYYeQAAAAJ&hl=en#d=gsc_md_pro_d&t=1672075168091&u=%23t%3Dgsc_md_pro_ed

Research Gate: **<https://www.researchgate.net/profile/Abdou-Hassan/research>**

ORCID Record: **<https://orcid.org/0000-0002-2731-5841>**

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Production	Ain Shams University	1999
M.Sc.	Combustion	Cairo University	1996
B.Sc.	Mechanical Engineering	Cairo University	1989

Academic Experience:

Institution: Higher Technological Institute

Rank: Lecturer

Dates: 2000

Institution: Higher Technological Institute

Rank: Research Assistant (PhD student)

Dates: 1996

Institution: Higher Technological Institute

Rank: Teaching Assistant

Dates: 1991

Research interests:

- - Casting
- -Welding

Publications:

-Authored Books: 4 books in Production Tech. 2 books in Eng. Mechanics

Published Papers (With others):

- 1- Abdou A. Hassan, Osama A. Hamed, Ahmed R. El Desouky, and Said H. Zo-Alfakar "APPLICATION OF TAGUCHI AND RESPONSE SURFACE METHODOLOGIES FOR FRICTION STIR WELDING PROCESS", ALEX. INTER. CONFERENCE 2009.
- 2- Osama A. Hamed, Abdou A. Hassan, Ahmed R. El Desouky, and Said H. Zo-Alfakar "PROCESSING - PROPERTY CORRELATION IN FRICTION STIR ALUMINUM WELDS", ALEX. INTER. CONFERENCE 2009.
- 3- A. A. Hassan, M. S. El-Waziry, and S. H. Zo-Alfakar, "Health Monitoring of Welded Steel Pipes by Vibration Analysis", International Journal of Engineering (IJE), volume 28 no 10 october 2015.

- 4- **M. A. Taha, N. A. El-Mahallawy, M. T. El-Mestekawy, and A. A. Hassan, “Estimation of Air Gap and Heat Transfer Coefficient at Different Faces of Al and Al–Si Castings Solidifying in Permanent Mould”, Journal of Materials Science and Technology Volume 17, 2001 - Issue 9 Pages 1093-1101.**
- 5- **S. H. Zo-Alfakar and A. A. Hassan, “Analysis and Optimization of Shielded Metal Arc Welding Parameters on Mechanical Properties of Carbon Steel Joints by Taguchi Method”, International Journal of Advanced Engineering and Global Technology (IJAEGT), Vol-05, Issue-01, January 2017, pp 1431-1444.**
- 6- **A. A. Hassan, Ahmed R. El Desouky, and M. S. El-Waziry, “Processing and Characterization of Zirconia/Nickel Functionally Graded Materials”, International Journal of Advanced Engineering and Global Technology (IJAEGT) Vol-05, Issue-02, March 2017, pp 1548-1556.**

Published Papers (Single):

- 1- **A. A. Hassan, “Effect of Welding Parameters on Mechanical Properties of Aluminum Alloys Welded by Friction Stir Welding”, International Journal of Advanced Engineering and Global Technology (IJAEGT), Vol-05, Issue-01, January 2017, pp 1475-1486.**
- 2- **A. A. Hassan, “Effects of Preheating Temperature on Cold Cracks, Microstructures and Properties of HSLA Steel”, International Journal of Advanced Engineering and Global Technology (IJAEGT) Vol-05, Issue-02, March 2017, pp 1541-1548.**

Teaching Experience:

Courses taught

- Principle of production Technology and Workshops
- Production Technology 1 (Machining and Welding)
- Production Technology 2 (Casting and Metal Forming)
- Production Technology 3 (Casting)
- Production Technology 4 (Metal Forming)
- Production Engineering
- Manufacturing Technology
- Production Technology workshop (Machining and Welding)
- Production Technology 3 workshop (Casting)
- Producing Engineering Workshop
- Engineering Mechanics (Static and Dynamic)
- Engineering Drawing
- Mechanical Drawing (Assembly Drawing)
- Computer Aided Drawing
- -Mechanical Computer Drawing