

"CURRICULUM VITAE"



1- PERSONAL DATA:

Name: Moataz Bellah Hassan Mohamed Hassan Ata.

Title: Assistant Professor of Manufacturing Engineering (Production Engineering)-Mechanical Engineering Department, Faculty of Industrial Education-Sohag University.

Date of Birth: January 7, 1976 Qena, Egypt.

Home Address: 5 Abd Rahman Ebn Oaf of Assiut-Sohag Street – Sohag - Egypt.

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Nationality: Egyptian.

Marital Status: Married.

2- GENERAL SPECIALIZATION: Mechanical Engineering (Design and Production)

3- SPECIFIC SPECIALIZATION: (Material Science)

4- EDUCATION:

School	Name	Date	Major
<i>Undergraduate</i>	B. Sc. Faculty of Engineering, Assiut University, Egypt	May 2000	Mechanical Engineering (Design & Production Engineering)
<i>Graduate M. Sc.</i>	M. Sc., Al-Azhar University, Nasr City, Cairo, Egypt.. Title:"Fatigue Crack Growth Behaviour Due To Mixed Mode Loading "	May 2005	Mechanical Engineering (Material Science)
<i>Graduate Ph. D.</i>	M. Sc., Faculty of engineering, Assiut University. Title:" Functionally Graded Electric Transition Joint Design for Aluminum Reduction Cell Anode "	June 2012	Mechanical Engineering (Material Science)

5- CAREER:

Occupation	Affiliation	Period
Assistant Lecture	Sohag University, Egypt	2006-2012
Assistant Professor	Sohag University, Egypt	2012-2014

6- TEACHING COURSES:

Materials Technology – Materials Eng. (Properties, Testing) – Strength of Material – Measuring Devices – Eng. Drawing – Drawing By Solid work Program – Corrosion – Technical Drawing – Computer Application – Introduction To Technology – Welding Tech. – Cutting Tech. – Joining Tech. – Foundry Tech. – Workshop – Heat Treatment – Elasticity – Theory of Machine – Machine Design – Assembly Drawing – Mechanical Engineering.

7- M.Sc. GRADUATE COURSES:

Mechanical Measurements – Materials Selection.

8- M.Sc. RESEARCH CO-SUPERVISION:

1. M. Sc. Thesis by Mohamed Ali Hassan (In Progress)

"Synthesize and Properties of Ti-Zr-N Coatings Using Pulsed Magnetron Sputtering", Mechanical Engineering Department, Faculty of Engineering, Sohag University.

9- B.Sc. GRADUATE PROJECTS CO-SUPERVISION:

1. Fabrication and Characteristics of Al./St. Composite by Powder Metallurgy Techniques (2012-2013).

2- Fabrication of Cutting Tool Inserts by Powder Metallurgy Techniques (2013-2014).

10- CERTIFICATIONS :

1. Institutional TOEFL Certification with a Total Score of (507).
2. International computer Driving Licence, "ICDL" Syllabus Version 4.
3. "Graphic Adobe Photoshop", Prepared by (CUIT) - Ministry of Higher Education.

11- PATENT:

Title of Invention: "New Aluminum Steel Electric Transition Joints Fabricated by Functionally Graded Composites Powder Metallurgy Technique",
Application No.: (217/2014), Date: 16/2/2014, Time: 12:15 PM,
Patent Office, Academy of Scientific Research & Technology,
Ministry of Scientific Research, and Arab Republic of Egypt.

12- PUBLISHED BOOKS:

1. Principles of Engineering Drawing, Part (1), Sohag University Press (In Arabic) (2012).
2. Principles of Engineering Drawing, Part (2), Sohag University Press (In Arabic) (2012).
3. Assembly Drawing, Sohag University Press (In Arabic) (2012).
4. Machine Design, Sohag University Press (In English) (2013).
5. "Theory of Machine, Sohag University Press (In English) (2012).

13- PUBLICATIONS AND CONFERENCES :

- 1- M. M. I. Hammouda& A. S. Fayed& I. G. El-Batanony& M. H. Ata& H. E. M. Sallam" Prediction of Crack Initiation Direction of A Sort Kinked Crack With Frictional Surfaces under Biaxial Loading" M.Sc. thesis proceeding of the Ninth International Conference – Faculty of Eng. – Al-Azhar University – Nasr City, Cairo – Egypt.

- 2- M. M. I. Hammouda & A. S. Fayed & I. G. El-Batanony & M. H. Ata & H. E. M. Sallam " First Crack Initiation Angle of Central Slant Crack in Plates under Compression-Tension Biaxial Loading" M.Sc. thesis proceeding of the Second Conference of Young Researchers of Sohag University, May 12th 2011–Sohag University – Sohag City–Egypt.

- 3- M. H. Ata & M. M. Nemat-Alla & M.R. Bayomi & W. Khair-Eldeen "Fabrication and Microstructural Investigations of Aluminum/Steel Functionally Graded Electric Transition Joint by Powder Metallurgy" PhD. thesis proceeding of the 5th International Conference on Mechanical Engineering Advance Technology for Industrial Production – Faculty of Eng. –Assiut University – Assiut – Egypt – March 29-31, 2011.

- 4- M. H. Ata & M. M. Nemat-Alla & M.R. Bayomi & W. Khair-Eldeen "Microstructure and Microhardness Investigations of Aluminum/Steel Functionally Graded Electric Transition Joint Faabrication by Powder Metallurgy" PhD. Thesis proceeding of the 5th International Conference on Mechanical Engineering Advanced Technology for Industrial Production – Faculty of Eng. –Assiut University – Assiut – Egypt – March 29-31, 2011.

- 5- M. H. Ata & M. M. Nemat-Alla & M.R. Bayomi & W. Khair-Eldeen "Characerization of Microstructure and Microhardness for Aluminum/Steel Functionally Graded Materials Fabricated by Powder Metallurgy" Inter. J. of Materials Sciences and Applications, Vol. 2, pp. 1708 – 1718, 2011.