

CERRICULUM VITA

Gamal Tag Abdel-Jaber, PhD

PERSONAL DETAILS		
NAME:	Gamal Tag Abdel-Jaber	
DATE OF BIRTH:	19 th of Aug., 1968	
MARTIAL STATUS:	Married with 4 children	
NATIONALITY:	Egyptian	
POSITION:	Currently	Material Engineering and Mechanical Design Dept., Faculty of engineering in Qena, South valley univeristy, Qena, Egypt
PLACE OF WORK:	Material Engineering and Mechanical Design Dept., Faculty of engineering in Qena, South valley univeristy, Qena, Egypt	
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LANGUAGES	English (very good), Arabic (native) and German	



ACADEMIC BACKGROUND			
Degree and Major Field	Institution	Period	
		From	To
Dean of Qena Faculty of Engineering	Qena Faculty of Engineering, south valley university, Qena, Egypt	25-10-2011	Up to date
Dean of Worker university Aswan branch	Worker university Aswan branch	1-10-2008	Up to date
Associate Professor	Material Engineering and Mechanical Design Dept., Faculty of engineering in Qena, South valley university, Qena, Egypt	28-7-2011	Up to date
Assistant professor	Material Engineering and Mechanical Design Dept., Faculty of engineering in Qena, South valley university, Qena, Egypt	1 – 7 – 2008	27-7-2011
Postdoctoral fellow	Machine design and Tribology Lab. Mechanical engineering Dept. Faculty of Engineering, Okayama university, Okayama, Japan	15-1-2007	15-10-2007
Ph. D. Degree in Machine Design and Tribology	Mechanical Design and Production Dept., Faculty of Engineering El-Minia University, El-Minia, Egypt. Cooperate with Machine elements,	1-9-1999	28-6-2004

	Engineering Construction, and Tribology Institute, Hanover University, Hanover, Germany		
M. Sc. Mechanical Engineering	Mechanical Design and Production Dept., Faculty of Engineering, Minia Univ., Minia, Egypt	1-7-1995	22-6-1998
B. Sc. (Very Good Degree)	Mechanical Design and Production Dept., Faculty of Engineering, Minia Univ., Minia, Egypt	1987	1992

EMPLOYMENT BACKGROUND			
Position	Institution	Period	
		From	To
Associate Professor	Material Engineering and Mechanical Design Dept., Faculty of engineering in Qena, South valley university, Qena, Egypt	28-7-2011	Up to date
Assistant professor	Material Engineering and Mechanical Design Dept., Faculty of engineering in Qena, South valley univeristy, Qena, Egypt	1 - 7-2008	27-7-2011
Lecturer and Researcher	Material Engineering and Mechanical Design Dept., Aswan High Institute of Energy, Aswan, Egypt	19 - 9 - 2004	30-6-2007
Postdoctoral fellow	Machine design and Tribology Lab. Mechanical engineering Dept. Faculty of Engineering, Okayama university, Okayama, Japan	15-1-2007	1↔ - 1← - 2007
Ph. D Student	A Member of Egyptian government Scholarship within the so-called Internal Emission program to complete Ph. D. Study in Machine elements, Engineering Construction, and Tribology Institute, Hanover University, Hanover, Germany.	27-9-2001	27-9-2003,
	A Member of Egyptian government Scholarship to Study Ph. D. Degree in the Mechanical Engineering at Mechanical Design and Production Dept., Faculty of Engineering, EL-Minia University, EL-Minia, Egypt.	1-9-1999	1-7-2004
Assistant Lecturer	Material Engineering and Mechanical Design Dept., Aswan High Institute of Energy, Aswan, Egypt	19 - 1 - 1997	31-8-1998
Demonstrator	Material Engineering and Mechanical Design Dept., Aswan High Institute of Energy, Aswan, Egypt	12 - 7 - 1995	19-1-1997

JOINED RESEARCH PROJECTS AND GRANTS

- A member of Egyptian Government Postdoctoral program, in Machine design and Tribology Lab. Mechanical engineering Dept. Faculty of Engineering, Okayama university, Okayama, Japan (2007).**

2. **A Member of Egyptian government Scholarship within the so-called Internal Emission program to complete Ph. D. Study in Machine elements, Engineering Construction, and Tribology Institute, Hanover University, Hanover, Germany. From 27-9-2001 to 27-9-2003,**
3. **A Member of Egyptian government Scholarship to Study Ph. D. Degree in the Mechanical Engineering at Mechanical Design and Production Dept., Faculty of Engineering, EL-Minia University, EL- Minia, Egypt, From 1-9-1999 to 1-7-2004.**

A STATEMENT OF TEACHING

I had the opportunity to teach the following courses to the students in Aswan High Institute of Energy during the period from September, 1995 up to date.

1. Engineering Materials
2. Workshop Technology
3. Production Engineering
4. Theory of Machine
5. Applied Mechanics
6. Mechanical Drawing
7. Project Management and Operations Research

Also I had the opportunity to teach the following courses to the post graduate students in Aswan High Institute of Energy during the period from September, 2004 up to date.

1. Material Science and Engineering
2. Tribology
3. Advanced casting Technology.

RESEARCH AREA AND SCIENTIFIC ACTIVITIES

1. Research Area

- **Materials!** ,and! Casting Technology

Bearing material , Self lubricant material, Brake and clutch material, and Aluminum casting alloys

Techniques

Powder Metallurgy, Casting, and Coating.

2. Scientific Activities

Student supervision

- supervisor and co-supervisor for four M.Sc. Students. In Mechanical Design and Material Engineering Dept., Aswan High Institute of Energy, Aswan, Egypt.
- Supervision on Post- graduation Diploma.
- Supervision on graduation projects.

PUBLISHED

- 1- **G.T.Abdel-Jaber**, A.M. Omran, Khalil A.Khalil, M.Fujii, M.Seki, and A.Yoshida "An Investigation into Solidification and Mechanical Properties behavior of Al-Si casting alloys" International Journal of Mechanical & Mechatronics Engineering IJMME / IJENS August 2010 Vol10 Issue 04 PP 34-41.
- 2- Montasser Dewidar, **G.T. Abdel-Jaber**, Mahmoud Bakrey, and Hussien Badry „Effect of Processing Parameters and amount of additives on the Mechanical Properties and Wear Resistance of Copper-based Composite“ International Journal of Mechanical & Mechatronics Engineering IJMME / IJENS June 2010 Vol10 Issue 3 PP 25-40.
- 3- **G.T.Abdel-Jaber**, A.M. Omran, Khalil A.Khalil, M.Fujii, M.Seki, and A.Yoshida "An Investigation into Solidification and Mechanical Properties behavior of Al-Si casting alloys" , Journal of materials science and technology, (Accepted and underpublication).
- 4- **G.T.Abdel-Jaber**, A.M. Omran, Khalil A.Khalil, M.Fujii, M.Seki, and A.Yoshida "An Investigation into Solidification and Mechanical Properties behavior of Al-Si casting alloys" , Asian Foundry congress, AFC 2007 the 30th anniversary of the Korean Foundrymen, Society May 8-11, 2007, Seoul, Korea E05. P. 70.
- 5- Ezzat, F. H., **Abdel-Jaber, G. T.** and Ali, W. Y “DRY SLIDING OF RUBBER ON GLAZED CERAMIC TILES”. 7th international conference of Egypt ion society of Tribology EGYPTTRIB7 27-28 Dec. 2006 in faculty of Engineering, Cairo university, Cairo, Egypt PP. 314-322.
- 6- **Abdel-Jaber G. T.**, Mohamed M. K. and Ali W. Y "FRICTION AND WEAR OF OIL IMPREGNATED POLYESTER GLASS FIBRE COMPOSITES” 47th. Tribologie-Fachtagung 25-27 September 2006 in Goettingen, Germany PP. 19/1-19/11
- 7- Omran, A.M., and **Abdel-Jaber, G.T** “SYNTHESES OF Al-Ti-B MASTER ALLOYS USING TITANIUM DIOXID”,ARABAL the 12th international Aluminium conference, Sharm El-Shekh 2-5 April 2006, PP. 245-255.
- 8- Ezzat, F.H., **Abdel-Jaber, G.T.**, Youssef, M.M., and Ali, W.Y. “Influence of filling epoxy composites by sand on their friction and wear” ,EGTRIB Journal Volume2, No.4, January 2006, pp. 40-50.
- 9- Ezzat, F.H., **Abdel-Jaber, G.T.**, and Ali, W.Y. “Effect of metallic fillers on the friction and wear of epoxy composites” ”, , EGTRIB Journal Volume2, No.4, January 2006 pp. 55-68.
- 10- K. A. Khalil, M. M. El-Sayed Seleman, **G. T. Abdel-Jaber**, and M. K. Hassan, “Mechanical properties and wear resistance of 17-4 PH stainless steel compacts” Journal of Engineering Sciences, Assiut university, Vol. 33, No 4, July 2005, PP. 1431- 1441.
- 11- M. O. Mousa, G. Poll, M.M. Yousef, and **G.T. Abdel-Jaber** “Study of friction and wear of molybdenum coated synchronizers“3rd Minia International Conference For Advanced Trends in Engineering, MICATE’2005 Elminia University, April, 2005 PP. 1312- 1321.
- 12- **Abdel-Jaber G.T.**, Erdmann K., Poll G., and Mousa M. O., “Untersuchungen zum Zusammenhang zwischen Oberflächentopo-graphie, Betriebsbedingungen und Reibungsverhalten bei Synchronisierungen mit einem molybdänbeschichteten Reibpartner” 44. Tribologie-Fachtagung 22-24 September 2003 in Goettingen, Germany, PP. 68/1-68/14.
- 13- M.O. Mousa, M. M. Youssef, and **G.T. Abdel-Jaber**, "Factor affecting erosion-abrasion wear" 2nd Minia International Conference For Advanced Trends in Engineering MICATE2’2002 El-minia University, 7-9April, 2002, pp. 1145-1153.
- 14- M.O. Mousa, M. M. Youssef, and **G.T. Abdel-Jaber**, "Friction and wear of single spherical Erosive particle system" 2nd Minia International Conference For Advanced Trends in Engineering, MICATE2’2002 El-minia University, 7-9 April, 2002, pp.1154-1163.
- 15- M.O. Mousa, El-Gushy. M. Aly, H. M. Abu-Elleneen, and **G.T. Abdel-Jaber**, "Effect of alloying elements and mold condition on the tribological properties of Aluminium Alloys" Journal of faculty of Engineering EL-Minia university, vol.51, June 1998 PP.213- 221

REFEREES

1. Prof. Dr. M. O. Mousa, Production Engineering and Design Dept. Faculty of Engineering, El-Minia University, El-Minia, Egypt.
E-mail: momousa2000@yahoo.com
2. Prof. Dr. W. Y. ALI, Head of Production Engineering and Design Dept. Faculty of Engineering, El-Minia University, El-Minia, Egypt.
E-mail: wahyos@hotmail.com
3. Prof. Dr. A. M. Hashem, Dean of Aswan High institute of Energy, South valley university, Aswan, Egypt
- 4- Prof. Dr. Ing. G.Poll, Head of Machine elements, Engineering Construction, and Tribology Institute, Hanover University, Hanover, Germany.
E-mail: poll@imkt.uni-hannover.de
- 5- Prof. Dr. Eng. Masahuro Fujii, Machine design and Tribology Lab. Mechanical engineering Dept. Faculty of Engineering, Okayama university, Okayama, Japan
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