

سيرة ذاتية CV

1- Personal Details البيانات الشخصية

Name	Othman M. O. Belgassim	
Date of Birth	1956-02-01	تاريخ الميلاد
Address	Mechanical Eng. Dept. Faculty of Engineering University of Tripoli Tripoli -- Libya	قسم الهندسة الميكانيكية والصناعية كلية الهندسة – ليبيا
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2- الشهادات المتحصل عليها

مكان الحصول عليه –	تاريخ الحصول عليها	الشهادة
- ليبيا	1979	بكالوريوس هندسة ميكانيكية
جامعة ستراتكلويد - بريطانيا	1985	ماجستير هندسة إنتاج
جامعة وارسو التقنية -	1999	دكتوراه هندسة إنتاج

2- Awards

Degree	Date awarded	Institution- Country
B. Sc. In Mechanical Engineering	1979	University of Tripoli – Libya
M. Sc. In Production Engineering	1985	University of Strathclyde – U.K.
Ph. D in Production Engineering	1999	Warsaw University of Technology - Poland

3- السيرة

- 1979-1980 : مهندس ميكانيكي بمركز البحوث الهندسية –
1983-1980 : معيد بكلية الهندسة –
1985-1983 : موفد في دراسة في بريطانيا – درجة الماجستير
1995-1985 : عضو هيئة تدريس بقسم الهندسة البحرية – كلية الهندسة –
1999-1995 :
1999 - : عضو هيئة تدريس بقسم الهندسة الميكانيكية والصناعية – كلية الهندسة –

3- History

- 1979-1980 : Mechanical engineer at the Engineering Research Center – University of Tripoli
1980-1983 : Demonstrator at Faculty of Engineering – University of Tripoli
1983-1985 : Graduate student in Strathclyde University – Glasgow – U.K.
1985-1995 : Teaching staff in Marine Engineering Department – University of Tripoli
1995-1999 : Ph. D student in Warsaw university of technology – Warsaw -- Poland
1999 - : Teaching staff in Mechanical and Industrial Engineering Department – University of Tripoli – Libya

4- عمل الأكاديمي

- 1980 :
1990 – 1987 - أكاديمية الدراسات البحرية –
1991 – 1989 - المعهد العالي للميكانيكا والكهرباء –
1992 – 1991 - جامعة صقر أفريقيا –
2005 – 2002 - مدرس متعاون ورئيس قسم الهندسة الميكانيكية من سنة 2002 –
2006-2004 - المركز الوطني للمواصفات والمعايير القياسية – رئيس فريق

4- Academic Career

- **University of Tripoli – My permanent work place since 1980**
- **Maritime Academy – Janzour – Part time teaching – 1987 – 1990**
- **High Institute of Mechanical and Electrical Engineering – Surman - Part time teaching – 1981 – 1991**
- **AljabalAlgharbi University – Nalut - Part time teaching – 1991 – 1992**
- **Graduate Studies Academy – Janzour - Part time teaching and head of Mechanical Engineering Department – 2002 – 2005**
- **National Center of Specifications and Standards – Head of research team – 2004 – 2006**

5- Publications : :5

- 1- Othman, O. and Jemielniak, K., “Tool Condition Monitoring – A Review”, Proceedings of Al Azhar Engineering Fourth International Conference, Cairo 1995.
- 2- Jemielniak, K. and Belgassim, Othman., “Acoustic Emission Signal Pre-processing and Interpretation in Tool Condition Monitoring”, Transactions of DMC96 conference, Ko ice, Slovakia, 1996, PL12-22
- 3- Jemielniak, K. and Belgassim, Othman., “Characteristics of Acoustic Emission Sensors Employed for Tool Condition Monitoring” Proceedings of VII Workshop on Supervision and Diagnostics of Machining Systems, 1996
- 4- Jemielniak K., Belgassim O., Characteristics of Acoustic Emission Sensors Employed for Tool Condition Monitoring, VII CIRP Workshop on Supervising and Diagnostics of Machining Systems, Karpacz, 1996, 241-252.
- 5- Jemielniak, K. and Othman, O., “Catastrophic Tool Failure Detection Based on Acoustic Emission Signal Analysis”, Annals of the CIRP, Vol. 48, 1998
- 6- Jemielniak, K. and Othman, O., “Tool Failure Detection Based on Analysis of Acoustic Emission Signals”, Proceedings of 12th Conf. on Computer Aided Production Engineering, Warsaw 1997.
- 7- Jemielniak, K. and Othman, O., “Tool Failure Detection Based on Analysis of Acoustic Emission Signals” , Journal of Material Processing Technology 76 (1998) 192-197
- 8- Othman Belgassim, Krzysztof Jemielniak “Tool Failure Detection Based on Statistical Analysis of Metal Cutting Acoustic Emission”, Proceedings of JIMEC97, Amman JORDAN

- 9- M. El-Axir, O. M. Othman ” A Study on the Inner Surface Finishing of Aluminum Alloy 2014 by Ball Burnishing Process”, Proceedings of 4th Arab Conference on Material Engineering, Tripoli University, 2005
- 10- O. Othman, M. El-Axir ” Improvements in Out-of-roundness and Micro-hardness of Inner Surfaces by internal Ball Burnishing Process”, Al- Azhar University – International Conference in Production Engineering, 2005
- 11- O. Othman ” Cutting Tool Failure Detection by Acoustic Emission signal Analysis”, MEATIP4 Conference, Egypt 2006
- 12- O. Belgassim, M. El-Axir, “Modeling of Residual Stresses Induced in Machining Aluminum Magnesium Alloy (Al-3Mg)”, Proceedings of the world congress on engineering 2010 Vol II, London – U.K.
- 13- Othman Belgassim, Krzysztof Jemielniak, “Tool Failure Detection Based on statistical Analysis of Metal Cutting Acoustic Emission Signals”, Proceedings of WASET conference, 2011, Penang – Malaysia
- 14- Othman Belgassim, Abdurrahman Abusada, “Investigation of the influence of EDM parameters on the overcut for AISI D3 tool steel, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture [PIB], Vol. 225 Part B, 2011, London – U.K.
- 15- Othman Belgassim, Abdurrahman Abusada, “Optimization of the EDM Parameters on the Surface Roughness of AISI D3 Tool Steel” Proceedings of the 2012 International Conference on Industrial Engineering and Operations Management Istanbul, Turkey, July 3 – 6, 2012
- 16- Othman Belgassim, Abdurrahman Abusada, “Investigation of the influence of EDM parameters on the machined surface hardness of AISI D3 tool steel” Journal of Engineering Research (University of Tripoli), Issue 16, March 2012
- 17- Othman Belgassim, Abdurrahman Abusada, “Optimization of the EDM Parameters in Machining AISI D3 Tool Steel by Grey Relational Analysis” Proceedings of the ICMSE International Conference on Industrial Engineering , Bali – Indonesia , February 2013

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, علي البوزيدي, محمد خليفة التليب, ” تقنيات المواد وعمليات التصنيع“ ,
 منهجي لطلبة كلية الهندسة – , منشورات مكتب البحوث والإستشارات الهندسية –
 – ليبيا – ISBN 9959-816-54-02006/2005

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” , كتاب منهجي, كاديمية للطباعة والنشر, أكاديمية
 الدراسات العليا – – ليبيا. 2007 – ISBN 9959-43-081-2