

**Department of Mechanical Engineering
Faculty of Engineering
Assiut University**

CURRICULUM VITAE

1- Personal : Fayez Metri Wassef

Date and Place of Birth : 18 th, December 1944, Minia, EGYPT

Status : married, No. of children 2

Address : Mechanical Engineering Department , Faculty of Engineering,
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Occupation : Emeritus Professor

2-Academic Education :

B. Sc. in Mechanical Engineering, Assiut University, EGYPT, 1965.

Diploma in Mechanical Engineering, TU Dresden, Germany, 1973.

Ph.D. Degree in Mechanical Engineering (Fluid Mechanics), TU Dresden, Germany,
1977.

3-Academic Experience :

Assistant Professor from 28. 8.1977 to 11. 9 .1982

Associate Professor from 12. 9.1982 to 11.11.1989

Professor from 12.11.1989 17. 12. 2004

Emeritus Professor from 18. 12. 2004 till now

4-Professional Experience :

- Vice Dean for High studies and Research from 28.10.2003 to 31.7.2005.
- Member of the Engineering Studies and Consultation Center.
- Editor of the Journal of Engineering Sciences of the Faculty of Engineering for more than 9 years.
- Member of the Executive Committee for the Self-Evaluation Report for Quality Assurance Programme.
- Member of the Permanent Scientific Committee for the Associate professors (Ninth Cycle).

5- Major research Topics :

Fluid Mechanics, Heat Transfer, Hydraulic Machines

Dean of the Faculty

6- Publications :

- 1- **Wassef, F. M.** “ Berechnung der Anfangsbereiche Rotationssymmetrischer Freistrahlen mit Hilfe von Zweiparametermodellen der Turbulenten Reibung” Ph. D. thesis, Tech. Univ. Dresden, Fak. Maschinenwesen, 1976.
- 2- **Huzayyin, A.S. and F. M. Wassef** “ Unsteady Viscous Heating in Plane Flow Between Moving Surfaces “ Proceeding of 2nd Conference of Mech. Power Eng., Cairo, EGYPT, 1978. Also published in “ Fluid Flow in Power System Components “ Edited by A. M. A. Rezk, HMT Series, Vol. 3, Pergamon Press, 1979.
- 3- **Wassef, F. M. and A. S. Huzayyin** “ Unsteady Viscous Heating in Circular Flow Between Moving Surfaces “ ASME 19th National Heat Transfer Conference, Orlando, Florida, July 1980. ASME paper 80-HT-126.
- 4- **F. M. Wassef ; M. G. Morsy ; F. E. Saleh; S. A. Ibrahim** “ An Attempt to Design Centrifugal Pumps by Optimization Procedure, Based on Some Empirical Formula for Losses” Bulletin of the Faculty of Engineering, Assiut University, Vol. 10, pp. 181-196, April 1982.
- 5- **Wassef, F. M.** “ Pressure Drop Calculations for One-Component Two-Phase Flow During Condensation in Horizontal Pipe “ Bulletin of the Faculty of Engineering, Assiut University, Vol. 10, pp. 95-110, October 1982.
- 6- **Ahmed, S. M.; Abo-Ismael, Ahmed ; Wassef, F. M.; and F. E. Saleh** “ Pressure Transient in Elastic Hydraulic Pipelines “ Fourth International Conference for Mech. Power Eng., Cairo University, EGYPT, October 1982.
- 7- **Wassef, F. M. and A. S. Huzayyin** “ Steady Viscous Heating of non-Newtonian Fluids Flowing Between Parallel Plates “ Bulletin of the Faculty of Engineering, Assiut University, Vol.11, pp. 79-93, April 1983.
- 8- **Abo-Ismael, Ahmed; Wassef, F. M.; and S. M. Ahmed** “ Pressure Transients in Pipes With Viscoelastic Walls “ ASME Fluids Engineering Conference, Houston, Texas, June 20-22, 1983. ASME paper 83-FE-30.

- 9- Wassef, F. M.; Saleh, F. E.; and A. S. Huzayyin** “ Effect of Rotor Flow Passage Shape on Performance of Shear-Force Pumps “ 6th International Conference for Mechanical Power Engineering, Menofia University, Cairo, September 27-29, 1986.
- 10- Morsy, M. G.; Wassef, F. M.; Morkos, V. H.; and H. M. Elbiblawy** “ Overall Heat Transfer Coefficient for a Multi-Tube Rotating Condenser “ Chemical Engineering Communications, Vol. 57, pp. 41-49, 1987.
- 11- Wassef, F. M.** “ Velocity and Temperature Profiles for non-Newtonian Fluids Flowing Between Rotating Cylinders “ Scientific Engineering Bulletin, Faculty of Engineering, Cairo University, Vol. 3, pp. 201-219, 1988.
- 12- Abo-Ismael, Ahmed and F. M. Wassef** “ Dynamics of an Electrohydraulic Velocity Servo With Stick-Slip Friction “ First JHPS International Symposium on Fluid Power, Tokyo, JAPAN, March 13-16, 1989.
- 13- Abo-Ismael, Ahmed and F. M. Wassef** “ Dynamics of a Speed Control Servosystem With Some Nonlinearities “ The Journal of Fluid Control, Vol. 19, No. 3, pp. 23-43, 1989.
- 14- Wassef, F. M. and A. S. Huzayyin** “ Analytical Study of Heat Transfer to Laminar Flow of non-Newtonian Fluids in Annulus “ Chemical Engineering Communications, Vol. 79, pp. 229-241, 1989.
- 15- Wassef, F. M.; Abdelghany, M. M.; and M. S. Youssef** “ Predictions of Turbulent Boundary Layers Under Adverse Pressure Gradient Conditions Including Separation “ Bulletin of the Faculty of Engineering, Assiut University, Vol.17, No. 2, pp. 33-39, 1989.
- 16- Wassef, F. M. and Ahmed Abo-Ismael** “ Influence of Parameter Uncertainty on the Dynamics of Electrohydraulic Velocity Servos “ The Journal of Fluid Control, Vol. 20, No. 2, pp. 7-23, 1990.
- 17- Abo-Ismael, Ahmed and F. M. Wassef** “ On the Dynamics of Pneumatic Servomechanism “ Bulletin of the Faculty of Engineering, Assiut University, Vol. 18, No. 2, pp. 105-112, July 1990.

- 18- Fayez M. Wassef, Ahmed S. Hassan, Hany A. Mohamed, And Mohamed A. Zaki "Stability And Performance Of A Low Speed Compressor With Modified Casing" Journal Of Engineering Sciences, Vol. 32, No. 5, pp. 2025-2047, Nov. 2004.**
- 19- Fayez M. Wassef ; Hany A. Mohamed ; Ahmed S. Hassan and Mohamed A. Zaki “ Investigate Of Centrifugal Compressor Stabilization Techniques “Journal Of Engineering Sciences, Vol. 33, No. 6, pp. 2129-2147, Nov. 2005.**

بيان بالتاريخ الوظيفي والمؤهلات العلمية

للسيد الاستاذ الدكتور فايز م ترى واصف

الاستاذ المتفرغ بقسم الهندسة الميكانيكية – كلية الهندسة – جامعة أسيوط

الاسم :

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الوظيفة :

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المؤهلات العلمية : – بكالوريوس في الهندسة الميكانيكية (شعبة قوى) من جامعة أسيوط في

يوليو 1965م بتقدير جيد جداً مع مرتبة الشرف الثانية.

– دبلوم فالهندسة الميكانيكية من الجامعة الفنية بدرسندن بجمهورية المانيا

الديمقراطية في 1973/10/17م.

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بدرسندن بجمهورية المانيا الديمقراطية في 1977/4/27م.

– معيد بكلية الهندسة – جامعة أسيوط في 1965/9/2م.

التاريخ الوظيفي :

– مدرس بقسم الهندسة الميكانيكية في 1977/8/28م.

– أستاذ مساعد بقسم الهندسة الميكانيكية في 1982/9/12م.

– أستاذ الهندسة الميكانيكية (ميكانيكا الموائع) بقسم الهندسة الميكانيكية في

1989/11/12م.

– وكيل الكلية لشئون الدراسات العليا والبحوث بجامعة أسيوط اعتباراً من

2003/10/28م حتى 2005/7/31م.

– أستاذ متفرغ بقسم الهندسة الميكانيكية بكلية الهندسة- جامعة أسيوط

اعتباراً من 2005/8/1م حتى تاريخه.

مراقب الكلية

رئيس شئون الأفراد