

السيرة الذاتية

	<p><u>الاسم: خالد ربيع مجاهد محمود</u> <u>تاريخ الميلاد: 16.10.1970</u> <u>مكان الميلاد: المنيا - مصر</u> <u>الحالة الاجتماعية: متزوج</u> <u>عنوان السكن المنيا</u> <u>الوظيفة : استاذ بقسم الهندسة الميكانيكية</u> <u>- كلية الهندسة - جامعة المنيا</u> <u>هاتف: 00201154866044</u> <u>بريد الكتروني: drkm2005@gmail.com</u></p>	<p>البيانات الشخصية</p>
<p>1993 بكالوريوس الهندسة – قسم الهندسة الميكانيكية جامعة المنيا - مصر 1997 ماجستير الهندسة الميكانيكية – جامعة المنيا - مصر 2005 دكتوراه الهندسة الميكانيكية - جامعة بادربورن - ألمانيا الاتحادية 2005 شهادة قيادة الحاسب الآلى - جامعة المنيا</p>	<p>الشهادات العلمية والعامه</p>	
<p>من 15.01.1994 الى 23.12.1997 معيد بقسم الهندسة الميكانيكية - كلية الهندسة جامعة المنيا من 23.12.1997 الى 26.12.2005 مدرس مساعد بقسم الهندسة الميكانيكية - كلية الهندسة جامعة المنيا من 30.11.1999 الى 28.07.2005 عضو البعثة الخارجية وطالب دكتوراه بقسم الميكاترونك والديناميكا- معهد هاينز نيكسدورف جامعة بادربورن - ألمانيا الاتحادية من 27.12.2005 وحتى الان مدرس بقسم الهندسة الميكانيكية بكلية الهندسة جامعة المنيا</p>	<p>التاريخ الوظيفى</p>	
<p>من 01.10.1994 عضو بنقابة المهندسين - مصر من 18.09.2012 وحتى الان عضو هيئة تدريس – كلية الهندسة – جامعة جدة – جدة – المملكة العربية السعودية</p>	<p>النشاطات</p>	
<p>المقررات الدراسية التي شارك في تدريسها بقسم الهندسة الميكانيكية – جامعة لمنيا تصميم المركبات (1) – أنظمة حقن الوقود بالمحركات – تصميم المركبات (2) - ديناميكا المركبات - اقتصاديات نقل - التحكم الآلى والسيطرة- ميكانيكا آلات تخصصية - القياس واجهزة القياس - الرسم الهندسى – الدوائر الإلكترونية في السيارات</p>	<p>الخبرات التدريسية</p>	

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Job History	15.01.1994 to 22.12.1997 Demonstrator in Minia Uni., Engineering Faculty, Mechanical Eng. Dept. 23.12.1997 to 26.12.2005 Assistant Lecturer in Minia Uni., Engineering Faculty, Mechanical Eng. Dept 30.11.1999 to 28.07.2005 Member of Egyptian scholarship and Ph. D. student at University of Paderborn, Germany 27.12.2005 Lecturer in Minia Uni., Engineering Faculty, Mechanical Engineering.
Activities	From 01.10.1994 Member of Egyptian Engineering Syndicate From 09/11/ 2014 to 31/08/2014 Assistant prof. at Jeddah university – Jeddah-KSA
Teaching Professional	I am teaching at Mechanical Eng. Dept – Faculty of Engineering – Minia University for the following courses:- Vehicle design1 - Fuel Injection Systems - Vehicle deisgn2 - Vehicle dynamics- transportation economics – Automatic control theory of machines- Engineering Drawing – Engineering drawing – Vehicle electronic circuits

List of Publication

1. S. M. Mostafa, A. T. A. Osman, A. A. Hassan, K. R. M. Mahmoud” parameters affecting automotive engine cooling system noise” Bulletin of the faculty of Eng., Minia University, Minia-Egypt, July 1997
2. S. M. Mostafa, A. T. A. Osman, K. R. M. Mahmoud “Energy savings in automotive cooling fan” 1st Minia Engineering International conference, Faculty of Eng., Minia University, Minia –Egypt, MICATE, March 1998
3. S. M. Mostafa, A. T. A. Osman, K. R. M. Mahmoud “Energy savings in automotive cooling radiator and grill” Bulletin of the faculty of Eng., Minia University, Minia-Egypt, Dec. 1999
4. K. R. M. Mahmoud and Joerg Wallaschek.”Adaptive duo servo drum brake with high and constant brake shoe factor” 1st international conference of investment in technology, Faculty of Eng., Minia University, Minia –Egypt, 2007
5. M. Mourad, K. R. M. Mahmoud et al “A Theoretical and Experimental Investigation into Conventional Vehicle Performance” 1st international conference of investment in technology, Faculty of Eng., Minia University, Minia –Egypt, 2007
6. . M.A. Mourad and K.R.M. Mahmoud “LPG as an alternative clean burning fuel for engine” 1st international conference on environmental studies and research, Minufiya University, Egypt 07.04.2008
7. Soliman, A. M. A., Kaldas, M. M. S. and Mahmoud, K. R. M. “An Investigation of Combined Twin Accumulator Suspension and Anti-Lock Braking System for Passenger Cars” 4th international conference on advances in mechanical engineering and mechanics, ICAMEM, Tunisia, 2008
8. Soliman, A. M. A., Kaldas, M. M. S. and Mahmoud, K. R. M. “Active Suspension and Anti-lock Braking Systems for Passenger Cars” SAE, International, 2009
9. Mostafa M. Makrahy, Nouby M. Ghazaly, k. A. Abd El-Gwwad, K. R. M. Mahmoud and Ali M. Abd-El-Tawwab “Optimization of Operation Parameters on a Novel Wedge Disc Brake by Taguchi Method” American Journal of Vehicle Design, 2013, Vol. 1, No. 2, 21-24, 2013
10. Mostafa M. Makrahy, Nouby M. Ghazaly, K. A. Abd El-Gwwad, K. R. M. Mahmoud and Ali M. Abd-El-Tawwab ” A Preliminary Experimental Investigation of a New Wedge Disc Brake” Int. Journal of Engineering Research and Application, Vol. 3, Issue 6, Nov-Dec 2013, pp.01-05
11. Mostafa M. Makrahy, Nouby M. Ghazaly, K. A. Abd El-Gwwad, K. R. M. Mahmoud and Ali M. Abd-El-Tawwab “Optimization of a New Wedge Disc Brake Using Taguchi Approach” International Journal of Modern Engineering Research (IJMER), Vol. 3, Issue. 6, Nov - Dec. 2013 pp-3461-3465
12. Mostafa M. Makrahy, Nouby M. Ghazaly, K. A. Abd El-Gwwad, K. R. M. Mahmoud and Ali M. Abd-El-Tawwab “Optimization of Geometric Parameters of a New Wedge Brake Using Taguchi Approach” International Journal of Mechanical Engineering, Volume 3 Issue 11 (November 2013)
13. K. R. M. Mahmoud “Vehicle dynamic behaviours crossing cat-eye reflectors” Int. J. Vehicle Noise and Vibration, Vol. 10, No. 3, 2014
14. Nouby M. Ghazaly, Mostafa M. Makrahy, k. A. Abd El-Gwwad, K. R. M. Mahmoud and Ali M. Abd-El-Tawwab “Experimental Evaluation of an Empirical Model for Wedge Disc Brake using Box-Behnken Design” Int. J. Vehicle Structures & Systems, 6(3), 58-63, 2014
15. K.R.M. Mahmoud and M.A. Mourad “Influence of Water, Oil and Dust on the Performance of Conventional and Wedge Disc Brakes” Int. J. Vehicle Structures & Systems, 6(3), 71-75 2014

16. Nouby M. Ghazaly, Mostafa M. Makrahy, k. A. Abd El-Gwwad, K. R. M. Mahmoud and Ali M. Abd-El-Tawwab "Optimization of Geometric Parameters for Adaptive Wedge Brake Performance Using Central Composite Design" International Journal of Mechanical & Mechatronics Engineering IJMME-IJENS Vol:14 No:06, Dec 2014
17. Mahmoud, K.R.M. and Mourad, M. (2014) 'Parameters affecting wedge disc brake performance,' Int. J. Vehicle Performance, Vol. 1, Nos. 3/4, pp.254–263.
18. N.M. Ghazaly, M.M. Makrahy , K.A.A.E. Gwwad , K.R. Mahmoud and A.M.A.E. Tawwab (2014) "Experimental Evaluation of an Empirical Model for Wedge Disc Brake using Box-Behnken Design" International Journal of Vehicle Structures & Systems, 6(3), 58-63.
19. Mostafa M. Makrahy, K.R.M. Mahmoud, Nouby M. Ghazaly, K.A. Abd El-Gwwad and Ali M. Abd-El-Tawwab (2015) "Experimental Investigation of Water Spray and Inclination Angle Influence on Wedge Disc Braking Force" Int. J. Vehicle Structures & Systems, 7(2), 81-84
20. Mahmoud, K.R.M., Makrahy, M.M., Abd El-Gwwad, K.A., Ghazaly, N.M. and Abd-El-Tawwab, A.M. (2016) 'Effect of wedge inclination angle on self-amplification action of a new adaptive wedge disc brake', Int. J. Vehicle Performance, Vol. 2, No. 2, pp.166–177.
21. Mahmoud, K.R.M (2016) "Dynamic Analysis of a Wedge Disc Brake According to the Variations of Friction Coefficient" ATAVI, international conference on acoustics and vibration, March 21-23, Hammamet – Tunisia.
22. M Mourad, K Mahmoud 2019 "Electrification Strategy of Hybrid Electric Vehicle as a Solution to Decrease CO2 Emission in Cities" International Journal of Electrical and Computer Engineering.
23. Abdullah Bin-Mahfouz, Khaled Mahmoud, Mohamed Mourad "Evaluation of the Hybrid Pneumatic Vehicles According To a Standard Driving Cycle" American Journal of Engineering Research (AJER)
24. Khaled RM Mahmoud, M Mourad, A Bin Mahfouz 2017"Dynamic behaviors of a wedge disc brake" applied acoustics
25. Khaled R.M. Mahmoud M. Mourad 2018 "Performance investigation of passenger vehicle fueled by propanol/ gasoline blend according to a city driving cycle" Energy
26. Khaled R.M. Mahmoud M. Mourad 2019 "Investigation into SI engine performance characteristics and emissions fuelled with ethanol/butanol-gasoline blends" Renewable Energy.
27. M Mourad, KRM Mahmoud, ESH NourEldeen 2021 "Improving diesel engine performance and emissions characteristics fuelled with biodiesel" Fuel
28. KRM Mahmoud 2021 "Evaluation of the Hybrid Pneumatic Vehicles According To a Standard Driving Cycle" American Journal of Engineering Research (AJER) 10 (Issue-6), 77-84