

السيرة الذاتية

الإستاذ المساعد الدكتور معاذ عبدالواحد ذيب

الجامعة المستنصرية – كلية الهندسة

Mobile: 07901186241

Email: maatbe@uomustansiriyah.edu.iq, maatbe_a@yahoo.com



ملخص تعريفي:

د. معاذ تدريسي في قسم الهندسة الميكانيكية. مهتم في البحث في مجالات الطاقة والطاقة المتاحة وتبريد الوحدات والطاقة الشمسية. يقوم بالإشراف طلبة الدراسات العليا في المجالات المذكورة.

Google scholar I D.: https://scholar.google.com/citations?user=d_cb8gIAAAAJ&hl=en

ORCID ID. : <https://orcid.org/0000-0002-3570-8688>

Scopus Author I D: 56584481500

الشهادات الدراسية:

- دكتوراه هندسة ميكانيكية/ قدرة 2011 – كلية الهندسة – جامعة تومسك/ روسيا الاتحادية
- ماجستير هندسة ميكانيكية/ قدرة 2002 – قسم الهندسة الميكانيكية – الجامعة المستنصرية
- بكالوريوس هندسة ميكانيكية/ 1997 قسم الهندسة الميكانيكية – جامعة بغداد

الخبرة الأكاديمية والتدريس:

- تدريسي في قسم الهندسة الميكانيكية – الجامعة المستنصرية 2002 ولحد الان
- مدير شعبة ضمان الجودة في كلية الهندسة – الجامعة المستنصرية 2014-2016
- مسؤول شعبة الارشاد التربوي في كلية الهندسة 2013-2014
- استاذ مساعد، قسم الهندسة الميكانيكية، كلية الهندسة- الجامعة المستنصرية 2015 لحد الان.

التكريم والجوائز الأكاديمية:

- حاصل على أكثر من 20 كتاب شكر وتقدير

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
الرسم الهندسي والهندسة الوصفية	ديناميك الحرارة المتقدم
التحليلات العددية	تكيف الهواء المتقدم
مبادئ تكيف الهواء	الابنية الكفوءة
تصميم معدات التلجيج	
التلجيج	

الإستاذ المساعد الدكتور
علي محمد عمار
مستشار
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علي محمد عمار
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• الأنتساب المهني او الجمعيات: عضو نقابة المهندسين العراقية
المنشورات العلمية:

- Numerical analysis of convective heat transfer in a closed two-phase thermosiphon, GV Kuznetsov, MA Theeb, MA Sheremet, Journal of Engineering Thermophysics 20 (2), 201-210, 12, 2011.
- A Simplified Model for the Prediction of the Thermal Performance for Cross Flow Air Cooled Heat Exchangers with a New Air Side Thermal Correlation, Ali Hussain Tarrad, Ma'athe Abdul Wahed, Dharnia'a Saad Khudor, Journal of Engineering and Development 12 (3), 88-119, 8, 2008.
- Cooling tower evaluation to suit 200 M watt thermal power plant, H.H. Al-Kayiem, MAW Theeb, UNITEN, 2, 2006.
- Sustaining thermal power plant production in low water supply regions using cooling towers, HH Al-Kayiem, MAW Theeb - WIT Transactions on Ecology and the Environment, 2014
- Using Evaporative Cooling Methods for Improving Performance of an Air-cooled Condenser, M.H. Alhamdo, M.A. Theeb, J.J. Abdulhameed, Universal Journal of Mechanical Engineering 3 (3), 94-106, 1, 2015
- Investigation of Thermal Performance of Finned, Water-PCM, Double Tube Heat Recovery, M.H. Mahmoud, M.A. Theeb, A.S. Golam, Journal of Engineering and Development 19 (4), 2015.
- Modeling of Transient Stratification in Cold Water Storage Tanks, Mohammed H. Alhamdo, Maathe A. Theeb. مجلة اتحد الجامعات العربية. 61-81, (2), 2015
- Enhancement on the performance of refrigeration system using the nano-refrigerant, QS Mahdi, MA Theeb, H Saed - J Energy Power Eng, 2017
- Experimental and Numerical Study of Heat Transfer Process of Chilled Water Storage Tank, FM Hasan, MA Theeb - Universal Journal of Mechanical Engineering, 2018
- Convective heat transfer in a closed two-phase thermosiphon, MA Theeb - EPJ Web of Conferences, 2014
- Mathematical simulation of transient heat transfer in a two-phase closed cylindrical thermosiphon in conditions of convective heat exchange with an environment, GV Kuznetsov, M A Theeb, MA Sheremet - Vestnik Tomskogo Gosudarstvennogo Universiteta, 2011
- PERFORMANCE IMPROVEMENT OF AN AIR-CONDITIONING SYSTEM DURING REFRIGERANT EVAPORATION, MH Alhamdo, MA Theeb, JJ Abdulhameed - Journal of Engineering and Sustainable Development, 2018
- Effect of Diffuser Height on Thermocline in Stratified Chilled Water Storage Tank., FM Hasan, MA Theeb - Journal of Applied Fluid Mechanics, 2021
- EXPERIMENTAL AND NUMERICAL STUDY OF INSERTING AN INTERNAL HOLLOW CORE TO FINNED HELICAL COIL TUBE-SHELL HEAT EXCHANGER, BK Roomi, MA Theeb - Journal of Engineering and Sustainable Development, 2021
- EXPERIMENTAL STUDY OF THE PERFORMANCE FOR WATER CHILLER USING AL₂O₃ NANO-PARTICLE FOR REFRIGERATION UNIT, SM Qasim, AT Maathe, S Hisham, 2019
- EFFECT OF MATRIX CHANNEL GEOMETRY ON THE PERFORMANCE OF THE RECOVERY WHEEL, MA Theeb, FA Saleh, DJ Mohamed - Journal of Engineering and Sustainable Development, 2019
- Post-Impact characteristics of a diesel-in-water emulsion droplet on a flat surface below the Leidenfrost temperature, AMED Faik, MA Theeb, Y Zhang - International Journal of Renewable Energy ..., 2021
- An empirical model for predicting the length of a capillary tube, Freegah, B., Saleh, Q., Theeb, M.A., Heat Transfer, 2021
- An experimental investigation of an elliptical risers flat-plate collector using coils insert, Theeb, M.A., Shehab, S.N., Aabied, M.D. International Journal of Mechanical and Production Engineering Research and Development, 2019
- Experimental and theoretical study of waste heat recovery from a refrigeration system using a finned helical coil heat exchanger, Heat Transfer, 2020, 49(6), pp. 3560-3574
- The effect of aspect ratio on heat transfer in a square cavity filled with a porous medium, Materials Science and Engineering, 881, 2020.
- Thermal Effects of Using Various Metal Disks inside Liquid-PCM Thermal Storage System, Journal of Mechanical Engineering Research and Developments 43 (5), 218-230.
- Dynamic Performance of Various Thermal Energy Storage Materials, Materials Science and Engineering 916, 2020.

تطوير المهارات:

1. عضو هيئة تحرير مجلة الهندسة والتنمية المستدامة 2018 ولحد الان
2. عضو المجلس العراقي لاعتماد التعليم الهندسي في العراق 2015 ولحد الان
3. لديه العديد من ورش العمل والمشاركات داخل وخارج العراق في مجال الجودة والاعتماد الاكاديمي (بغداد و اربيل وعمان)
4. مقيم علمي لمجلات ذات تأثير عالمي عالي في مجال الهندسة الميكانيكية (Heat transfer, international journal of heat and mass transfer, journal of thermal engineering, etc..)

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Curriculum Vitae

MAATHE ABDULWAHED THEEB

Mustansiriyah University – College of Engineering

Mobile:07901186241

Email: maatbe@uomustansiriyah.edu.iq, maatbe_a@yahoo.com



PERSONAL SUMMARY:

Assistant Professor Dr. MAATHE A. THEEB, Ph.D. Mechanical Engineering , energy ,thermo-fluid

Mechanical Engineering Department , college of Engineering, Mustansiriyah University

Google scholar I D.: https://scholar.google.com/citations?user=d_cb8gIAAAAJ&hl=en

ORCID ID. : <https://orcid.org/0000-0002-3570-8688>

Scopus Author I D: 56584481500

EDUCATION:

- Ph.D. in Mechanical Engineering(Power, Energy, Thermo-fluid),Tomsk University – Tomsk – Russia - 2011
- M.Sc. in Mechanical Engineering (Power, Thermo-fluid),Mustansiriyah university, Baghdad, Iraq,2002 .
- B.Sc. in Mechanical Engineering, College of Engineering, Baghdad University, Iraq,1997.

ACADEMIC HONORS AND AWARDS:

- Awarded more than 25 thanks and appreciation.

ACADEMIC /TEACHING EXPERIENCE:

- Head of Quality Assurance Division – Al-Mustansiriyah University, College of Engineering. Baghdad-Iraq(2014-2016).
- Editorial board member, Journal of Engineering and Sustainable Development- Mustansiriyah University – College of Engineering 2019-

COURSES TAUGHT:

Undergraduate	Graduate
Engineering Drawing & Descriptive Geometry	Advanced Air conditioning and Refrigeration – Ms.C. Course
Engineering Analysis	Efficient buildings – Ph.D. Course
Air conditioning and Refrigeration	Advanced thermodynamics– Ms.C. Course
Refrigeration Equipment design	

PUBLICATIONS:

- Numerical analysis of convective heat transfer in a closed two-phase thermosyphon, GV Kuznetsov, MA Theeb, MA Sheremet, Journal of Engineering Thermophysics 20 (2), 201-210, 12, 2011.
- A Simplified Model for the Prediction of the Thermal Performance for Cross Flow Air Cooled Heat Exchangers with a New Air Side Thermal Correlation, Ali Hussain Tarrad, Ma'athe Abdul Wahed, Dhamia'a Saad Khudor, Journal of Engineering and Development 12 (3), 88-119, 8, 2008.
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- Investigation of Thermal Performance of Finned, Water-PCM, Double Tube Heat Recovery, M.H. Mahmoud, M.A. Theeb, A.S. Golam, Journal of Engineering and Development 19 (4), 2015.
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- PERFORMANCE IMPROVEMENT OF AN AIR-CONDITIONING SYSTEM DURING REFRIGERANT EVAPORATION, MH Alhamdo, MA Theeb, JJ Abdulhameed - Journal of Engineering and Sustainable Development, 2018
- Effect of Diffuser Height on Thermocline in Stratified Chilled Water Storage Tank., FM Hasan, MA Theeb - Journal of Applied Fluid Mechanics, 2021
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- EXPERIMENTAL STUDY OF THE PERFORMANCE FOR WATER CHILLER USING AL₂O₃ NANO-PARTICLE FOR REFRIGERATION UNIT, SM Qasim, AT Maathe, S Hisham, 2019
- EFFECT OF MATRIX CHANNEL GEOMETRY ON THE PERFORMANCE OF THE RECOVERY WHEEL, MA Theeb, FA Saleh, DJ Mohamed - Journal of Engineering and Sustainable Development, 2019
- Post-Impact characteristics of a diesel-in-water emulsion droplet on a flat surface below the Leidenfrost temperature, AMED Faik, MA Theeb, Y Zhang - International Journal of Renewable Energy ..., 2021
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- Dynamic Performance of Various Thermal Energy Storage Materials, Materials Science and Engineering 916, 2020.

PROFESSIONAL DEVELOPMENT

- Attending many workshops and symposium related with the quality and reliability assurance of mechanical engineering department in Al-Mustansiryah university, Amman, Erbil.
- Reviewr in many journals of mechanical engineering (Heat transfer, international journal of heat and mass transfer, journal pf thermal engineering, etc..)

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