

Curriculum Vitae

Lec. Dr. Afreen Emad Saad Aldeen

Mustansiriyah University – College of Engineering- Mechanical Department
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PERSONAL SUMMARY:

- Birthday Year :1979 ; Nationality : Iraqi ; Language : Arabic and English
- Lecturer in Material Department - College of Engineering – Al Mustansiriyah University

EDUCATION:

- Ph.D. in Mechanical Department (Power), College of Engineering – Al Mustansiriyah University , 2016.
- M.Sc. in Mechanical Department (Power), College of Engineering – Al Mustansiriyah University, 2004.
- B.Sc. in Mechanical Department, College of Engineering – Al Mustansiriyah University, 2001.

ACADEMIC HONORS AND AWARDS:

- Lecturer in Material Department - College of Engineering – Al Mustansiriyah University since 2019.

ACADEMIC /TEACHING EXPERIENCE:

- Joined to Material Dept. member - College of Engineering – Al Mustansiriyah University since 2006.
- Joined to Mechanical Dept. member - College of Engineering – Al Mustansiriyah University since 2016.
- Joined to Material Dept. member - College of Engineering – Al Mustansiriyah University since 2019.

COURSES TAUGHT:

| Undergraduate | Graduate |
|--|----------|
| Mathematical Fluids Thermodynamics Stress Analysis Failure Analysis Programming | |

PROFESSIONAL AFFILIATIONS:

- Member of Iraqi Engineers Association

PUBLICATIONS:

- “Absorbs Heat from outside Air and Release It inside the Building by Heat Pump”
Journal of Engineering and Development volume 15 No. 4 Des. 2011.

"Solutions for Water Hammer Phenomenon in The Low Lift Pump Station Located on Tigris River" Journal of Engineering and Technology volume 31 No. 1, 2013.

- "Experimental Steady to Produce Steam by Solar Energy Using Solar Dish Concentration with Copper Coil Receiver" International Journal of Engineering and Innovative Technology volume 12 No. 3 February 2015.
- "Experimental Small Scale Solar Power Tower in Iraq" Journal of Energy and power engineering volume 10 No. 1 January 2016.
- "Comparison of Projected area of Central Receiver Tank" Journal of Computer and Engineering Technology 5 (1) , Nabu Research Academy, 2018.
- "Using Concentrating Solar Dish to Heat Water" Journal of Computer and Engineering Technology, ISSN:2600-8971, volume 5 No. 1 January 2018.
- "Serpentine Flat Plate Collectors" International Journal of Engineering Technology and Management (IJETM), volume 6 June, 25, 2019.
- "Analysing the efficient use of solar energy in an automatic vertical rotary car parking system" The Fourth Postgraduate Engineering Conference, IOP Conf. Series: Materials Science and Engineering, doi:10.1088/1757-899X/745/1/012077, 2020.
- "Performance of Dual Phase non-Newtonian Fluid in an Eccentric Annuli with Rotation of Inner Cylinder" IOP Conf. Series: Materials Science and Engineering, doi:10.1088/1757-899X/870/1/012152, 2020.

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الأستاذ المساعد
محمد نجيب شهاب
معاون العميد للشؤون الإدارية والمالية

السيرة الذاتية

مدرس دكتور افرين عماد سعدالدين

الجامعة المستنصرية - كلية الهندسة - قسم الهندسة الميكانيكية

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ملخص تعريفى : تدريسيه في كلية الهندسة منذ بدايه التعيين عام ٢٠٠٦ ولحد الان امارس التدريس النظري والعملي

- سنه التولد : ١٩٧٩ ، اللغات : عربي وانكليزي
- مدرس في قسم هندسه المواد - كلية الهندسه - الجامعة المستنصرية

الشهادات الدراسيه :

- دكتوراه في الهندسه الميكانيكيه (طاقه) - الجامعة المستنصرية - ٢٠١٦
- ماجستير في الهندسه الميكانيكيه (طاقه) - الجامعة المستنصرية - ٢٠٠٤
- بكالوريوس في الهندسه الميكانيكيه - الجامعة المستنصرية - ٢٠٠١

الجوائز والتكريم الاكاديمي

- كتب شكر وتقدير من معالي وزير التعليم العالي والبحث العلمي
- كتب شكر وتقدير من رئيس الجامعة المستنصرية
- كتب شكر وتقدير من عميد كلية الهندسه

الخبره الاكاديميه والتدريس

- تدريس عدد من المناهج الدراسيه للدراسات الاوليه
- الاشراف على مشاريع طلابه المرحله الرابعه
- عضويه لجان اداريه داخل القسم

المقررات الدراسيه التي تم تدريسها

| Undergraduate | Graduate |
|--|----------|
| Mathematical Fluids Thermodynamics Stress Analysis Failure Analysis Programming | |

الانتساب المهني او الجمعيات :

- عضو نقابه المهندسين العراقيه

- "Absorbs Heat from outside Air and Release It inside the Building by Heat Pump" Journal of Engineering and Development volume 15 No. 4 Des. 2011.
- "Solutions for Water Hammer Phenomenon in The Low Lift Pump Station Located on Tigris River" Journal of Engineering and Technology volume 31 No. 1, 2013.
- "Experimental Steady to Produce Steam by Solar Energy Using Solar Dish Concentration with Copper Coil Receiver" International Journal of Engineering and Innovative Technology volume 12 No. 3 February 2015.
- "Experimental Small Scale Solar Power Tower in Iraq" Journal of Energy and power engineering volume 10 No. 1 January 2016.
- "Comparison of Projected area of Central Receiver Tank" Journal of Computer and Engineering Technology 5 (1) , Nabu Research Academy, 2018.
- "Using Concentrating Solar Dish to Heat Water" Journal of Computer and Engineering Technology, ISSN:2600-8971, volume 5 No. 1 January 2018.
- "Serpentine Flat Plate Collectors ", International Journal of Engineering Technology and Management (IJETM), Volume 6, Issue 3; May-June: 2019; Page No. 41-45.
- "Analysing the efficient use of solar energy in an automatic vertical rotary car parking system" The Fourth Postgraduate Engineering Conference, IOP Conf. Series: Materials Science and Engineering, doi:10.1088/1757-899X/745/1/012077, 2020.
- "Performance of Dual Phase non-Newtonian Fluid in an Eccentric Annuli with Rotation of Inner Cylinder" IOP Conf. Series: Materials Science and Engineering, doi:10.1088/1757-899X/870/1/012152, 2020.

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محمد نجيب شهاب
معاون العميد للشؤون الإدارية والمالية