

Curriculum Vitae



Name : Mohamed Reda Aly Abd-Elhamid Salem
Gender : MALE
Date of Birth : February 20, 1982
Place of Birth : Qaha – Qalyubia (Egypt)
Nationality : EGYPTIAN
Address1 : Mechanical Engineering Department, Faculty of Engineering at Shoubra, Benha University, 108 Shoubra Street, Cairo, EGYPT, P.C. 11629.
Address2 : 40 Adam Street, Qaha, Qalyubia, EGYPT, P.C. 13743.
Website : <http://www.bu.edu.eg/staff/mohamedabdelhamid3>

Current Position : Associate Professor of Mechanical Power Engineering at Mechanical Engineering Department, Faculty of Engineering at Shoubra, Benha University
E-mail : mohamed.abdelhamid@feng.bu.edu.eg & me_mohamedreda@yahoo.com
Phone : Mobile: (002) 01207979002 & (002) 01221593208
Fax : +20222023336
Marital Status : Married with 3 Childs.
Major Field : Mechanical Engineering.
Fine Field : Mechanical Power Engineering
Languages : Arabic: Mother Tongue
English, Very Good spoken and written
Qualifications : 1) I got the BSc Degree from Benha University, Faculty of Engineering at Shoubra (2004).
General Grade: Very Good with honor hierarchy.
Project Grade: Excellent.
2) I got the MSc degree in Mechanical Power Engineering from Faculty of Engineering at Shoubra, Benha University in 2011.
3) I got the PhD degree in Mechanical Power Engineering from Faculty of Engineering at Shoubra, Benha University in 2014.
Graduation Project : ▪ Calculation of Thermal Loads in Buildings
▪ Experimental Study on Flow Boiling Heat Transfer in a Vertical Annulus
MSc Thesis : Thermal Control of Satellites (2011).
PhD Thesis : Experimental Study on Convective Heat Transfer and Pressure Drop of Water-Based Nanofluid inside Shell and Coil Heat Exchanger (2014).

Research Assessment

Among the American Stanford University's list of the top 2% of researchers in the world, for the year 2023

- <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/6>
- <https://bu.edu.eg/BUnews/26710>

Google Scholar:

Citations: 728
h-index: 15
i10-index: 20
<https://scholar.google.com/citations?user=IA52Nq8AAAAJ&hl=en>

SciVal:

Citation Count: 509
Scholarly Output: 21
Cit./Publication: 25.5
Field-Weight Impact: 1.28
h-index: 13
h5-index: 6
<https://www.scival.com/overview/summary?uri=Customer%2F104005%2FResearcher%2F5739706>

Scopus:

Citations: 514
22 documents
h-index: 13
<https://www.scopus.com/authid/detail.uri?authorId=7202291842>

WOS:

Citations: 439
Citing Articles: 390
Publications in WOS: 22
h-index: 12
Verified Reviews: 93
<https://www.webofscience.com/wos/author/record/0-8015-2018>

ResearchGate:

Citations: 654
h-index: 14
Research Interest: 621.6
Recommendations: 288
Reads: > 149400
<https://www.researchgate.net/profile/Mohamed-Salem-56>

Official BU Account

Sum. of points: 581
No. of visitors: >21200
<https://bu.edu.eg/portal/index.php?act=46&username=mohamedabdelhamid3>



Rankings for Scientist
University, Subject,
Country, Region, World

World Scientist and University Rankings 2024

Benha University

Mohamed Reda Salem



	Scores	In Benha University (1,451)	In Egypt (19,575)	In Africa (94,055)	World (1,442,445)
Total H	15	#117	#3,323	#12,503	#623,265
Last 6 year H	15	#83	#2,141	#8,464	#474,112
Last 6 year H / total H	1.000				
Total i10	19	#120	#3,444	#13,156	#619,359
Last 6 years i10	18	#90	#2,495	#9,898	#506,376
Last 6 years i10 / Total i10	0.947				
Total Citation	710	#146	#4,049	#15,384	#747,597
Last 6 years Citation	674	#96	#2,640	#10,599	#584,647
Last 6 years Citation / Total Citation	0.949				
Engineering & Technology *		#45 (155) *	#765 (2,715) *	#2,605 (11,141) *	#116,525 (207,768) *
Mechanical Engineering *		#8 (22) *	#66 (219) *	#179 (819) *	#8,619 (16,237) *

www.adscientificindex.com

Date : 24.12.2023

* Source and Methodology: <https://www.adscientificindex.com/scientist/mohamed-reda-salem/4343449>

Research Interests

- Efficient Energy Production Systems
- Energy Savings and Storage
- Solar Energy Applications
- Water Desalination
- Heat Transfer Techniques
- Efficient Heat Exchangers Design
- Vapour Compression Systems
- Utilization of Waste Energy

Qualification from AUC 2019

Mastering Business Skills for Entrepreneurs at The American University in Cairo Rowad 2030 Project under the umbrella of the Ministry of Planning, Monitoring and Administrative Reform announces the launch of the "Mastering work skills for businessmen" program which was held at the American University in Cairo to accelerate the growth of entrepreneurs and develop their skills. The program offered courses in the following areas:

- Projects Management.
- Risk Management.
- Marketing Management.
- Operations and Quality Management.
- Encourages Innovation.
- Human Resources for Business.
- Funding for Non-Financial Institutions and Start-Ups.
- Financing and Evaluation of Emerging Companies.

Work Experience

- 1) Working as **Associate Professor** at Faculty of Engineering at Shoubra, Benha University from 30 November 2019 until now.
- 2) Working as **Assistant Professor** at Faculty of Engineering at Shoubra, Benha University from 27 October 2014 until 29 November 2019.
- 3) Working as a **Lecturer** at Faculty of Engineering at Shoubra, Benha University from 27 November 2011 until 26 October 2014.
- 4) Working as **Assistant Lecturer** at Faculty of Engineering at Shoubra, Benha University from 8 February 2005 until 26 November 2011.

I have good experiences in teaching field, as I have taught several courses in:

- Mechanical Engineering Department in Faculty of Engineering at Shoubra – Benha University (till now),

- Energy and Sustainable Energy Engineering Program in Faculty of Engineering at Shoubra – Benha University (from 2014 till now),
- Industrial Engineering Program in Faculty of Engineering at Shoubra – Benha University (from 2014 till now),
- Agricultural Engineering Department – Faculty of Agriculture – Ain Shams University (from 2014 till now),
- Mechanical Engineering Department at Ameeria Integrated Technical Education Cluster (2016-2017),
- Electrical Engineering and Control Program in Faculty of Engineering at Shoubra – Benha University (from 2016 till now).
- Faculty of Engineering – MUST University (from 2022 till now).

List of Courses:

Undergraduate Level

- Heat and Mass Transfer
- Applied Heat and Mass Transfer
- Thermodynamics
- Applied Thermodynamics
- Engineering Computational Methods
- Measurements and Measuring Instrumentations
- Fluids and Thermal Systems
- Fundamentals of Fluid Mechanics
- Water Desalination
- Refrigeration and Air Conditioning
- Engineering Drawing
- History of Engineering Sciences
- Psychology and Organization Behaviour
- Human Resources Management
- Leadership & Management Skills
- Legislation, Contracts and Procurement Management
- Societal Issues
- Engineering and Society

B.Sc. Graduation Projects (Supervision of > 50 Projects from 2014 till now).

Postgraduate Level

- Selected Topics in Heat and Mass Transfer (PhD – Mechanical Power Eng.)
- Advanced Heat and Mass Transfer (MSc – Mechanical Power Engineering)
- Heat and Mass Transfer (Preparatory Courses – Mechanical Power Eng.)
- Refrigeration and Air Conditioning (MSc – Mechanical Power Engineering)
- Engineering Computational Methods (Preparatory Courses – Mechanical Power Eng.)
- Advanced Numerical Analyses (MSc – Mechanical Power Eng.)
- Precision Measurements Theory (MSc – Mechanical Power Eng.)
- Precision Measurements Theory (MSc – Mechatronics Eng.)
- Precision Measurements Theory (MSc – Production and Mech. Design Eng.)

5) Working as a scientific researcher in the field of Mechanical Power Engineering; I published some papers in international journals such as:

Publication List:

1. [Mohamed R. Salem](#), R.Y. Sakr, G.M.R. Assassa, O.A. Aly, Augmentation of solar still distillation performance using waste heat energy and guiding vanes: A field study, **Desalination**, 572, 1 March 2024, 117150.
2. [Mohamed R. Salem](#), M.N. Owyed, R.K. Ali, **Experimental** investigation of the performance attributes of a thermal energy storage unit using different system configurations, **Applied Thermal Engineering**, 230 Part (A), 25 July 2023, 120678.

3. [Mohamed R. Salem](#), M.H. Alnaggar, A.A. Abd El-Aziz, H.A. Refaey, Experimental investigation of membrane distillation using waste heat for sea water desalination, **Engineering Research Journal (Shoubra)**, 52(1), January 2023, 189-193.
4. H.A. Etaïwe, R.Y. Sakr, [Mohamed R. Salem](#), H.E. Abdelrahman, Numerical simulation for seawater air pre-cooler, **Journal of Al-Azhar University Engineering Sector**, 17(65), October 2022, 1241-1260.
5. H.A. Etaïwe, R.Y. Sakr, [Mohamed R. Salem](#), H.E. Abdelrahman, Absorption air conditioning system using seawater for air pre-cooling, **Journal of Al-Azhar University Engineering Sector**, 17(64), August 2022, 974-991.
6. Andrey Colaço, Viviana C. Mariani, [Mohamed R. Salem](#), Leandro dos Santos Coelho, Maximizing the thermal performance index applying evolutionary multi-objective optimization approaches for double pipe heat exchanger, **Applied Thermal Engineering**, 211, 5 July 2022, 118504.
7. A.A. Alghrubah, M.A. Abd Elrahman, M.F. Abd Rabbo, Y.A. Al-Mashad, [Mohamed R. Salem](#), Experimental study and thermal performance evaluation of staggered cross flow heat exchangers of semi-circular tubes: II- Effect of attack angle, **Engineering Research Journal (Shoubra)**, 50(1) October 2021, 77-85.
8. A.A. Alghrubah, M.A. Abd Elrahman, M.F. Abd Rabbo, Y.A. Al-Mashad, [Mohamed R. Salem](#), Experimental study and thermal performance evaluation of staggered cross flow heat exchangers of semi-circular tubes: I- Effect of pitch ratio and space between bases, **Engineering Research Journal (Shoubra)**, 50(1) October 2021, 67-76.
9. T.M. Almulla, M.W. Shawki, M.F. Abd Rabbo, Y.A. Al-Mashad, [Mohamed R. Salem](#), Effect of spaces between aligned tubes having a semicircular section on heat exchange attributes, **Engineering Research Journal (Shoubra)**, 50(1) October 2021, 57-66.
10. T.M. Almulla, M.W. Shawki, M.F. Abd Rabbo, Y.A. Al-Mashad, [Mohamed R. Salem](#), Augmentation of thermal performance of air cooler having semi-circular tubes of an inline arrangement, **Engineering Research Journal (Shoubra)**, 50(1) October 2021, 48-56.
11. Omar A Elfieky, Ramdan Y Sakr, Ghazy M Assassa, [Mohamed R. Salem](#), Productivity of Solar Still Unit Engaged with Waste Energy Source, **Engineering Research Journal (Shoubra)**, 50(1) October 2021, 14-22.
12. H.A. Refaey, Mathkar A. Alharthi, [Mohamed R. Salem](#), Ali A. Abdel-Aziz, H. Abdelrahman, M.A. Karali, Numerical investigations of convective heat transfer for lattice settings in brick tunnel Kiln: CFD simulation with experimental validation, **Thermal Science and Engineering Progress** 24, August 2021, 100934.
13. M. Mostafaa, M. Moawed, H.A. Refaey, [Mohamed R. Salem](#), Performance evaluation of a sea water reverse osmosis system at different operating scenarios, **Engineering Research Journal (Shoubra)**, 49(1) July 2021, 67-79.
14. M.E. Zoreia, [Mohamed R. Salem](#), R.K. Ali, K.M. Elshazly, Augmentation of the performance of a photovoltaic cell: A field study, **Engineering Research Journal (Shoubra)**, 49(1), July 2021, 11-24.
15. [Mohamed R. Salem](#), Moataz R. Salem, M.G. Higazy, M.F. Abdraboo, Enhancement of the performance of a solar still desalination unit, **Engineering Research Journal (Shoubra)**, 49(1), July 2021, 1-10.
16. H. Refaey, [Mohamed R. Salem](#), M. Ahmed, M.F. Abdraboo, Numerical investigations of the performance of water-based nanofluid flow in conically coiled tube-in-tube heat exchangers: CFD simulation with experimental validation, **14th International Conference of Fluid Dynamics 2-3 April 2021**, ICFD14-EG-7065, 1-17.
17. E.A. Abdel-Hadi, S.H. Taher, [Mohamed R. Salem](#), S.A. Eldewiny, Performance enhancement of a vapour compression refrigeration system using liquid-suction heat exchanger, **Engineering Research Journal (Shoubra)**, 47(1), January 2021, 14-27.

18. [Mohamed R. Salem](#), Performance enhancement of a vapor compression refrigeration system using R134a/MWCNT-oil mixture and liquid-suction heat exchanger equipped with twisted tape turbulator, **International Journal of Refrigeration** 120, December 2020, 357-369.
19. [Mohamed R. Salem](#), Experimental investigation on the hydrothermal attributes of MWCNT/water nanofluid in the shell-side of shell and semi-circular tubes heat exchanger, **Applied Thermal Engineering** 175, 25 July 2020, 115438.
20. [Mohamed R. Salem](#), Moataz R. Salem, M.G. Higazy, M.F. Abdraboo, Corrigendum to "Performance enhancement of a solar still distillation unit: A field investigation" [Solar Energy 202 (2020) 326-341], **Solar Energy**, 204, July 2020, p. 778.
21. [Mohamed R. Salem](#), Moataz R. Salem, M.G. Higazy, M.F. Abdraboo, Performance enhancement of a solar still distillation unit: A field investigation, **Solar Energy** 202, 15 May 2020, 326-341.
22. S.M. Elshamy, M.T. Abdelghany, [Mohamed R. Salem](#), O.E. Abdellatif, Energy and exergy analysis of shell and coil heat exchanger using water based Al_2O_3 nanofluid including diverse coil geometries: An experimental study, **Journal of Nanofluids** 9(1), March 2020, 13-23.
23. M.A. Karali, E. Specht, J. Mellmann, H.A. Refaey, [Mohamed R. Salem](#), A.Y. Elbanhawy, Granular transport through flighted rotary drums operated at optimum-loading: Mathematical model, **Drying Technology** 38(4), January 2020, 495-505.
24. M.M. Metwally, [Mohamed R. Salem](#), A.A. Abdul-Aziz, K.M. Elshazly, Experimental investigation on the performance of a photovoltaic module, **Engineering Research Journal (Shoubra)**, 43(1), January 2020, 36-43.
25. M.T. Abdelghany, S.M. Elshamy, [Mohamed R. Salem](#), O.E. Abdellatif, Enhancement the thermal performance of a shell and coil heat exchanger with different coil geometries: Comparative experimental investigation, **Engineering Research Journal (Shoubra)**, 43(1), January 2020, 57-65.
26. M.T. Elazab, [Mohamed R. Salem](#), H.A. Refaey, A.A. Abd-Elaziz, Experimental study on the performance enhancement of a solar seawater desalination system, **Engineering Research Journal (Shoubra)**, 42(1), October 2019, 30-36.
27. [Mohamed R. Salem](#), M.M. Elsayed, A.A. Abd-Elaziz, K.M. Elshazly, Performance enhancement of the photovoltaic cells using Al_2O_3 /PCM mixture and/or water cooling-techniques, **Renewable Energy**, 138, August 2019, 876-890.
28. H.A. El-Gammal, [Mohamed R. Salem](#), A.A. Abdulaziz, K.M. Elshazly, The performance enhancement of a water chiller of conically coiled tube evaporator, **Engineering Research Journal (Shoubra)**, 41(1), July 2019, 61-62.
29. A. Atta, [Mohamed R. Salem](#), H.A. Refaey, M.A. Moawed, Study of heat transfer and pressure drop inside helical cone tube, **Engineering Research Journal (Shoubra)**, 41(1), July 2019, 9-15.
30. [Mohamed R. Salem](#), H.A. El-Gammal, A.A. Abd-Elaziz, K.M. Elshazly, Study of the performance of a vapor compression refrigeration system using conically coiled tube-in-tube evaporator and condenser, **International Journal of Refrigeration** 99, March 2019, 393-407.
31. M.A. Radwan, [Mohamed R. Salem](#), H.A. Refaey, M.A. Moawed, Experimental study on convective heat transfer and pressure drop of water flow inside conically coiled tube-in-tube heat exchanger, **Engineering Research Journal (Shoubra)**, 39(1), January 2019, 86-93.
32. M.M. Ellaban, M.A. Abdelrahman, [Mohamed R. Salem](#), M.A. Moawed, K.M. Elshazly, Study of convective heat transfer and pressure drop characteristics inside shell and semi-circular tubes heat exchanger, **Engineering Research Journal (Shoubra)**, 39(1), January 2019, 39-45.
33. M.M. Alkhaja, [Mohamed R. Salem](#), K.M. Elshazly, M.F. Abdrabbo, Experimental study on the performance enhancement of a water chiller, **Scientific Journal of October 6 University**, 4, 2018.
34. M.M. Alkhaja, [Mohamed R. Salem](#), K.M. Elshazly, M.F. Abdrabbo, Experimental study on the performance enhancement of a heat pump, **Scientific Journal of October 6 University**, 4, 2018.

35. A.B. Colaço, F. Bernardo, M.B. Lopes, V.C. Mariani, L. Coelho, [Mohamed R. Salem](#), Optimization of double pipe-heat exchanger with single segmental perforated baffles, **17th Brazilian Congress of Thermal Sciences and Engineering**, November 25th-28th, 2018, Águas de Lindóia, SP, Brazil), 234, 0234.
36. H.A. Refaey, A.A. Abdel-Aziz, [Mohamed R. Salem](#), H.E. Abdelrahman, M.W. Al-Dosoky, Thermal performance augmentation in the cooling zone of brick tunnel kiln with two types of guide vanes, **International Journal of Thermal Sciences** 130, August 2018, 264-277.
37. M.S. Elsayed, [Mohamed R. Salem](#), A.A. Attia, R.Y. Sakr, Nanofluid flow boiling heat transfer enhancement in tube fitted with twisted tapes, **Engineering Research Journal (Shoubra)**, 37(1), July 2018, 26-37.
38. M.S. Elsayed, [Mohamed R. Salem](#), A.A. Attia, R.Y. Sakr, Flow boiling transfer enhancement using twisted tapes, **Engineering Research Journal (Shoubra)**, 37(1), July 2018, 13-21.
39. R.K. Ali, H.A. Refaey, [Mohamed R. Salem](#), Effect of package spacing on convective heat transfer from thermal sources mounted on a horizontal surface, **Applied Thermal Engineering** 132, March 2018, 676-685.
40. [Mohamed R. Salem](#), M.B. Eltoukhy, R.K. Ali, K.M. Elshazly, Experimental investigation on the hydrothermal performance of a double-pipe heat exchanger using helical tape insert, **International Journal of Thermal Sciences** 124, February 2018, 496-507.
41. H.A. Refaey, A.A. Abdel-Aziz, R.K. Ali, H.E. Abdelrahman, [Mohamed R. Salem](#), Augmentation of convective heat transfer in the cooling zone of brick tunnel kiln using guide vanes: an experimental study, **International Journal of Thermal Sciences** 122, December 2017, 172-185.
42. [Mohamed R. Salem](#), M.K. Althafeeri, K.M. Elshazly, M.G. Higazy, M.F. Abdrabbo, Experimental investigation on the thermal performance of a double pipe heat exchanger with segmental perforated baffles, **International Journal of Thermal Sciences** 122, December 2017, 39-52.
43. [Mohamed R. Salem](#), R.K. Ali, K.M. Elshazly, Experimental investigation of the performance of a hybrid photovoltaic/thermal solar system using aluminium cooling plate with straight and helical channels, **Solar Energy** 157, November 2017, 147-156.
44. M.K. Althafeeri, [Mohamed R. Salem](#), K.M. Elshazly, M.G. Higazy, M.F. Abdrabbo, Study of the heat transfer enhancement in a double pipe heat exchanger using segmental perforated baffles, **Scientific Journal of October 6 University**, 3, 2017.
45. M.B. Eltoukhey, [Mohamed R. Salem](#), R.K. Ali, K.M. Elshazly, The thermal performance enhancement of a concentric tube heat exchanger using helical fins on the internal tube, **Engineering Research Journal (Shoubra)**, 34(1), October 2017, 16-22.
46. A.S. Morad, [Mohamed R. Salem](#), H.A. Refaey, K.M. Elshazly, Experimental investigations of convective heat transfer in cooling zone of perforated bricks tunnel kiln, **Scientific Journal of October 6 University**, 3, June 2017.
47. K.M. Elshazly, R.Y. Sakr, R.K. Ali, [Mohamed R. Salem](#), Effect of γ -Al₂O₃/water nanofluid on the thermal performance of shell and coil heat exchanger with different coil torsions, **Heat and Mass Transfer** 53(6), June 2017, 1893-1903.
48. [Mohamed R. Salem](#), K.M. Elshazly, R.Y. Sakr, R.K. Ali, Effect of coil torsion on heat transfer and pressure drop characteristics of shell and coil heat exchanger, **Journal of Thermal Science and Engineering Applications** 8(1), March 2016, 011015, 7 Pages.
49. [Mohamed R. Salem](#), R.K. Ali, R.Y. Sakr, K.M. Elshazly, Effect of γ -Al₂O₃/water nanofluid on heat transfer and pressure drop characteristics of shell and coil heat exchanger with different coil curvatures, **Journal of Thermal Science and Engineering Applications** 7(4), December 2015, 041002, 9 Pages.

50. H.A. Refaey, E. Specht, [Mohamed R. Salem](#), Influence of fuel distribution and heat transfer on energy consumption in tunnel kilns, *International Journal of Advances in Engineering & Technology* 8(3), June 2015, 281-293.
51. [Mohamed R. Salem](#), K.M. Elshazly, R.Y. Sakr, R.K. Ali, Experimental investigation of coil curvature effect on heat transfer and pressure drop characteristics of shell and coil heat exchanger, *Journal of Thermal Science and Engineering Applications* 7(1), March 2015, 011005, 9 Pages.

6) [Supervisor on PhD and MSc. Theses such as:](#)

[PhD Theses](#)

1. **PhD Thesis** by Researcher / Yasser Mohamed Abdulhalim Wahba Safan
Study and Implementation of Hybrid Photovoltaic/Thermal Solar Collector with Nanofluid Spectral Beam Splitting Filter
2. **PhD Thesis** by Researcher / Helal Anwar Helal El-Gammal
The Use of Waste Heat to Improve the Productivity of a desalination Unit: Experimental and Analytical Study
3. **PhD Thesis** by Researcher / Mohamed Mohy Mohamed Abd Elhady Ellaban
Study of the performance attributes of a double pipe heat exchanger equipped with baffles and a nanofluid in the annular side
4. **PhD Thesis** by Researcher / Said Abdel-Kerem Mustafa
Augmenting the Utilization of the Waste Heat Energy to Improve the Yield of a Solar Distillation Unit
5. **PhD Thesis** by Researcher / Shereen Aly Ebrahim Mohamed Eldewiny
Experimental Study on The Use of Waste Heat Energy to Augment the Performance of a Solar Distillation Unit Having a Pyramid-Shaped Glass Cover
6. **PhD Thesis** by Researcher / Hussein Ali Atewi
A technical and economic study of the use of seawater in air conditioning systems in the northern Arabian Gulf
7. **PhD Thesis** by Researcher / Nawaf Mesaed Almolla
Study of The Thermal Performance Characteristics of Water-Based Nanofluid Flow inside Shell and Semi-Circular Tubes Heat Exchanger
8. **PhD Thesis** by Researcher / Nasser Mohammad Abd-Elmohsen
A Field Investigation on Enhancing the Water Desalination Yield from a Solar Distillation Unit
9. **PhD Thesis** by Researcher / Ahmed Shawky Mohamed Rosas
Experimental Study of Forced Convection and Pressure Loss Through Finned Metal Foam Heat Sinks
10. **PhD Thesis** by Researcher / Talal Mesaed Almolla
Study of the Thermal Performance Enhancement of a Heat Exchanger of Semi-Circular Tubes
11. **PhD Thesis** by Researcher / Mostafa Sabry Alsayed Hemeda
Experimental Study of Heat Transfer Enhancement and Hydrodynamic Characteristics of Water-Based Nanofluid Flow Boiling in a Circular Tube Fitted with Twisted-Tapes
12. **PhD Thesis** by Researcher / Adel Abdallah Rashed
Experimental Study on the Heat Transfer and Pressure Drop Characteristics Around Semi-Circular Tubes in Staggered Arrangement
13. **PhD Thesis** by Researcher / Mohamed Khalaf Dhaidan ALthafeeri
The Use of Perforated Baffled Channels for Heat Transfer Enhancement
14. **PhD Thesis** by Researcher / Mahmoud Mohammed Alkhaja
Heat Transfer Analysis with Artificial Neural Networks (ANNS)

[MSc. Theses](#)

15. **MSc Thesis** by Researcher / Menna Mohamed Ahmed Reda Hamed
Study the effect of using phase change material and semicircular tubular fins on thermal regulation of photovoltaic modules integrated in buildings
16. **MSc Thesis** by Researcher / Abdul Rahman Abdullah Metwally
An Experimental Study on the Performance Characteristics of Heat Exchangers with Air Bubble Injection

17. **MSc Thesis** by Researcher / Ahmed Atta Mohamed
Study of Heat Transfer and Pressure Drop Inside a Helical Cone Tube
18. **MSc Thesis** by Researcher / Mohamed Moustafa Khaled
Study of The Thermal Performance from Helical Cone Coils
19. **MSc Thesis** by Researcher / Mohamed Tawfik Abdelghany
Performance Enhancement of Shell and Coil Heat Exchanger Using Nanofluid
20. **MSc Thesis** by Researcher / Mohamed Tarek Elsayed
Experimental Study on the Performance Enhancement of a Solar Sea Water Desalination System
21. **MSc Thesis** by Researcher / Mohamed Helmy Elnagar
Study of Membrane Distillation using Solar Energy or Waste Heat for Sea Water Desalination
22. **MSc Thesis** by Researcher / Mohamed Nasser Mohamed Owyed
Experimental Study on the Performance Characteristics of a Thermal Energy Storage System
23. **MSc Thesis** by Researcher / Omar Abdul Motaleb Abdul Zaher Ali Elfikey
Improvement of a Solar Still Productivity for Sea Water Desalination Using Waste Energy
24. **MSc Thesis** by Researcher / Muataz Rajab Salem Mohamed
Performance Enhancement of a Solar Still for Sea Water Desalination: A Field Study
25. **MSc Thesis** by Researcher / Ahmed Salah Emam Morad
Study of Convective Heat Transfer and Pressure Drop for Different settings of Perforated Bricks inside a Tunnel Kiln
26. **MSc Thesis** by Researcher / Mohamed Beshar Eltoukhey
Study of Thermal Performance Enhancement of a Double-Pipe Heat Exchanger Using Helical Fin on the Inner Pipe
27. **MSc Thesis** by Researcher / Helal Anwr Helal Aljammal
Study of the Performance of a Vapour Compression Refrigeration Cycle Using Conically Coiled Tube-in-Tube Evaporator and Condenser
28. **MSc Thesis** by Researcher / Mohamed Mohamed Metwally
Study of Photovoltaic Cells Cooling Using Compound Enhancement Technique
29. **MSc Thesis** by Researcher / Mohamed Mohy Mohamed Ellaban
Study of Convective Heat Transfer and Pressure Drop Characteristics inside Shell and Semi-Circular Cross-Sectional Tubes Heat Exchanger
30. **MSc Thesis** by Researcher / Mohamed Ali Ebrahim Elsayed
Experimental Study on Convective Heat Transfer and Pressure Drop of Water-Based Nanofluid Flow inside Conically Coiled Tube-In-Tube Heat Exchanger
31. **MSc Thesis** by Researcher / Mohamed Elsayed Mohamed Zoreia
Study of Electrical and Thermal Performance Enhancement of Photovoltaic/Thermal Cells
32. **MSc Thesis** by Researcher / Sherein Aly Mohamed Eldweiny
Heat Transfer Enhancement of Vapour Compression Refrigeration Systems Using Nanoparticles

- Administrative Positions** :
- ✓ Chairman of Final Exams – Postgraduate Control Committee of "Mechanical Engineering Department" at Faculty of Engineering, Benha University, 2023 till now.
 - ✓ **General Supervisor of the Printing, Publishing and Distribution Center at Benha University**
 - ✓ Coordinator of the Mechanical Power Engineering Program - Department of Mechanical Engineering - Faculty of Engineering in Shubra - Benha University from February 2023 until now.

- ✓ **Quality Coordinator in the Mechanical Power Engineering Program - Department of Mechanical Engineering - Faculty of Engineering in Shubra - Benha University from December 2022 until now.**
- ✓ **Member of the Committee for Updating and Developing the Undergraduate Regulations for the Energy and Sustainable Energy Engineering Program in the Department of Mechanical Engineering - Faculty of Engineering in Shoubra - Benha University 2022.**
- ✓ **Chairman of Final Exams – Undergraduate Control Committee of "Mechanical Engineering Department" at Faculty of Engineering, Benha University, 2021 till now.**
- ✓ **Member of the Education and Student Affairs Committee - Faculty of Engineering in Shubra - Benha University 2021/2022.**
- ✓ **Member of the Committee for Updating and Developing the Postgraduate Stage Regulations for the Mechanical Power Engineering Program in the Department of Mechanical Engineering - Faculty of Engineering in Shubra - Banha University 2021-2022.**
- ✓ **Secretary of the Board of the Mechanical Engineering Department, Faculty of Engineering, Shoubra, Benha University, from 2021/2022 till now.**
- ✓ **Member of the Committee for Updating and Developing the Bachelor's Stage Regulations for the Mechanical Power Engineering Program in the Department of Mechanical Engineering - Faculty of Engineering in Shoubra - Banha University 2021.**
- ✓ **General Coordinator of Student' Activities at Faculty of Engineering, Benha University, September 2021 till now.**
- ✓ **Vice Director of the Quality Assurance and Academic Accreditation Unit at Faculty of Engineering at Shoubra - Benha University – from December 2020 till now.**
- ✓ **Vice-Chairman of Final Exams Control Committee of "Mechanical Engineering Department" at Faculty of Engineering, Benha University, 2020/2021.**
- ✓ **Member of Laboratory Committee at Faculty of Engineering at Shoubra - Benha University 2020/2021.**
- ✓ **Member of the Board of Directors of Credit-Hour Programs - Faculty of Engineering in Shubra - Benha University 2020/2021.**
- ✓ **Member of the Board of Directors of Sustainable Energy & Energy Engineering Program - Faculty of Engineering in Shubra - Benha University 2020/2021.**
- ✓ **Member of Laboratory Committee at Faculty of Engineering at Shoubra - Benha University 2020/2021.**
- ✓ **Head of Final Exams Control Committee (Fourth Year) at "Mechanical Engineering Department" at Faculty of Engineering, Shoubra, Benha University, 2019/2020.**
- ✓ **Coordinator of Quality Committee at "Industrial Engineering Program" at Faculty of Engineering at Shoubra - Benha University" from 2019 till now.**
- ✓ **Member of Center of Innovation and Entrepreneurship - Benha University, from August 2019 till now.**
- ✓ **Advisor to the Committee on Mobility and Public Service at Faculty of Engineering at Shoubra - Benha University 2018/2019.**
- ✓ **Member of the Study Schedules Committee at "Mechanical Engineering Department" at Faculty of Engineering, Shoubra, Benha University, from 2015 till now.**
- ✓ **Member of the Student Affairs Committee at "Mechanical Engineering Department" at Faculty of Engineering, Shoubra, Benha University, from 2015 till now.**
- ✓ **Member of Quality Committee at "Industrial Engineering Program" at Faculty of Engineering at Shoubra - Benha University from 2016 till 2019 (Faculty has got the certificate of Quality Assurance and Accreditation of Education at 2016).**
- ✓ **Member of Quality Committee at "Sustainable Energy & Energy Engineering Program" at Faculty of Engineering at Shoubra - Benha University from 2015**

till 2016 (Faculty has got the certificate of Quality Assurance and Accreditation of Education at 2016).

- ✓ Coordinator of Quality Committee at "Mechanical Engineering Department" at Faculty of Engineering, Shoubra, Benha University, from 2015 till 2019.
- ✓ Member of Laboratory Committee at Faculty of Engineering at Shoubra - Benha University 2016/2017.
- ✓ Board Member of Research Projects Center at Faculty of Engineering at Shoubra - Benha University from 2014 till 2016.
- ✓ Board Member of Quality Unit at Faculty of Engineering at Shoubra - Benha University from 2015 till 2016 (Faculty has got the certificate of Quality Assurance and Accreditation of Education at 2016).
- ✓ Coordinator of Midterm Exam Control at Faculty of Engineering at Shoubra - Benha University from 2015 till now.
- ✓ Final Exams Control Committee at Faculty of Engineering at Shoubra - Benha University from 2006 till 2019.

University Development Contributions in the Field of Specialization

- Member of the Committee for the Modernization and Development of postgraduate Bylaw of Mechanical Power Engineering at Mechanical Engineering Department at Faculty of Engineering, Shoubra, Benha University, 2022.
- Member of the Committee for the Modernization and Development of Bylaw of Energy and Sustainable Energy Engineering Program - Credit Hours System, 2022.
- Member of the Committee for the Modernization and Development of undergraduate Bylaw of Mechanical Power Engineering at Mechanical Engineering Department at Faculty of Engineering, Shoubra, Benha University, 2021.
- Contributing to the department's proposed study plan within the programs of developing and updating the curricula of Mechanical Engineering Department during the academic year 2019/2020.
- Participation in the curriculum development committee for Sustainable Energy & Energy Engineering Program at Faculty of Engineering at Shoubra - Benha University.
- Participation in the curriculum development committee for both undergraduate and postgraduate studies of the Mechanical Engineering Department at Faculty of Engineering, Shoubra, Benha University.

Memberships & Academic Professional Societies

- Member of Egyptian Society of Engineers.
- Member of Innovation and Entrepreneurship Center - Benha University.
- **Peer Reviewer at International Scientific Journals (>85)**
 - ✓ Energy – Elsevier.
 - ✓ Renewable Energy – Elsevier.
 - ✓ Solar Energy – Elsevier.
 - ✓ Applied Thermal Engineering – Elsevier.
 - ✓ International Journal of Thermal Sciences – Elsevier.
 - ✓ International Journal of Heat and Mass Transfer – Elsevier.
 - ✓ International Journal of Refrigeration – Elsevier.
 - ✓ Chemical Engineering Research and Design – Elsevier.
 - ✓ Heat and Mass Transfer – Springer.
 - ✓ Journal of Thermal Science and Engineering Applications – ASME.
 - ✓ Renewable Energy Focus - Journal - Elsevier
 - ✓ International Journal of Green Energy - Taylor & Francis Online.
 - ✓ Drying Technology - Taylor & Francis Online.
 - ✓ Case Studies in Thermal Engineering – Elsevier.

**Passed
Training
Courses**

- :
- A training course on "Training of Trainers TOT1" in the period from 19/8/2023 to 21/8/2023 at the Center for Capacity Development of Faculty and Leadership Members at Benha University
 - A training course on "Financial and Legal Aspects in Universities" in the period from 9/8/2023 to 10/8/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "University Management" in the period from 27/7/2023 to 28/7/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "Total Quality Management" in the period from 24/7/2023 to 25/7/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "Research Team Management" in the period from 20/7/2023 to 11/7/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "Question Banks and Tests" in the period from 27/3/2023 to 28/3/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "Organizing Scientific Conferences" in the period from 23/3/2023 to 24/3/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "Strategic Planning" in the period from 20/3/2023 to 21/3/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "Website Management" in the period from 15/3/2023 to 16/3/2023 at the Center for Capacity Development of Faculty Members and Leadership at Benha University.
 - A training course on "self-Evaluation and External Review" in the period from 13/3/2023 to 14/3/2023 at the Center for Developing the Capacities of Faculty Members and Leaders at Benha University.
 - A training course for "Learning Management System and Self-Production of Electronic Courses" through the Supreme Council of Egyptian Universities on 20/6/2021.
 - The "Self-Assessment of Educational Programs: Colleges and Institutes of Higher Education" course by the National Authority for Quality Assurance and Accreditation of Education, in the period from 1/2/2020 to 3/2/2020.
 - Workshop on Project Management. The module is provided by DAAD Kairo Akademie in cooperation with Benha University (2/9/2019).
 - A training course for "Skills of Preparing Program Reports and Courses, and Improvement Plans" in the period from 12/9/2018 to 13/9/2018 at the University of Benha.
 - "Preparation of Leaders" course at the Leadership Development Institute in Helwan from 11/8/2018 to 15/8/2018.
 - A training course for "Statistical Analysis using SPSS" on 3/1/2018 within the project of training in information and communication technology - Management of Development Projects at Benha University.
 - A training course for "Quality Standards in Teaching" in the period from 20/12/2017 to 23/12/2017 at the Faculty and Leadership Development Center at Benha University.
 - A training course for the program "Strategic Planning" in the period from 17/12/2017 to 19/12/2017 at the Faculty and Leadership Development Center at Benha University.
 - A training course for "Time Management and Meetings" program from 17/12/2017 to 19/12/2017 at the Faculty and Leadership Development Center at Benha University.
 - A training course for "Self-Assessment and External Audit" from 12/12/2017 to 14/12/2017 at the Faculty and Leadership Development Center at Benha University.

- Training course for the "**Management of Websites**" program from 12/12/2017 to 14/12/2017 at the Faculty and Leadership Development Center at Benha University.
- A training course for the "Use of Technology in Teaching" program in 2011 at the Faculty and Leadership Development Center at Benha University.
- A training course for the "Quality Standards" program in 2011 at the Faculty and Leadership Development Center at Benha University.
- A training course for "Competitive Research Projects" in 2011 at the Faculty and Leadership Development Center at Benha University.
- A training course for the "Financial and Legal Aspects" program in 2011 at the Faculty and Leadership Development Center at Benha University.
- A training course for the "Effective Presentation" program in 2011 at the Faculty and Leadership Development Center at Benha University.

- Awards** :
- **50 Awards** from **Applied Thermal Engineering – Elsevier**: Certificates of Reviewing. In recognition of the review made of the journal.
 - **10 Awards** from **Energy – Elsevier**; Certificates of Reviewing. In recognition of the review made of the journal.
 - **6 awards** from **International Journal of Heat and Mass Transfer – Elsevier**; Certificates of Reviewing. In recognition of the review made of the journal.
 - **4 Awards** from **Chemical Engineering Research and Design – Elsevier**, Certificate of Reviewing. In recognition of the review made of the journal.
 - **3 Awards** from **Journal of Cleaner Production – Elsevier**; Certificates of Reviewing. In recognition of the review made of the journal.
 - **2 Awards** from **International Journal of Refrigeration – Elsevier**, Certificate of Reviewing. In recognition of the review made of the journal.
 - **Award** from **Renewable Energy Focus – Elsevier**, Certificate of Reviewing. In recognition of the review made of the journal.
 - **Award** from **Chemical Papers – Springer**, Certificate of Reviewing. In recognition of the review made of the journal.
 - **Award** from **Case Studies in Thermal Engineering – Elsevier**, Certificate of Reviewing. In recognition of the review made of the journal.
 - January 2017: Outstanding Reviewer: In recognition of the contributions made to the quality of the Journal (**Applied Thermal Engineering – Elsevier**): You have been awarded this recognition as you are within the top **10th percentile** of reviewers for the Journal.
 - December 2017: Third Scientific Excellence Day (2017) - **Benha University – Egypt**. Certificate of excellent performance in scientific research and international publication.
 - December 2017: Third Scientific Excellence Day (2017) - **Benha University – Egypt**. Certificate of excellent performance; This is due to the efforts made to obtain accreditation for Faculty of Engineering at Shoubra.
 - July 2018: Fourth Scientific Excellence Day (2018) - **Benha University – Egypt**. Certificate of excellent performance in scientific research and international publication.
 - July 2019: Fifth Scientific Excellence Day (2019) - **Benha University – Egypt**. Certificate of excellent performance in scientific research and international publication.
 - December 2020: Sixth Scientific Excellence Day (2020) - **Benha University – Egypt**. Certificate of excellent performance in scientific research and international publication.
 - January 2021 - A letter of thanks and appreciation, from **Elsevier International Publishing Foundation**, for being a reviewer and referee of several scientific papers which were published in that institution's journals during 2020.
 - October 2021: Seventh Scientific Excellence Day (2021) - **Benha University – Egypt**. Certificate of excellent performance in scientific research and international publication.

- **September 2022: Eighth Scientific Excellence Day (2022) - Benha University – Egypt. Certificate of excellent performance in scientific research and international publication.**
- **October 2023: Ninth Scientific Excellence Day (2023) - Benha University – Egypt. Certificate of excellent performance in scientific research and international publication.**



PARIS

9-2017



شهادة

تشهد كلية الهندسة بشبرا - جامعة بنها - بأن :

السيد : محمد رضا على عبد الحميد سالم وجنسيته : مصري

والمولود في : القليوبية بتاريخ : ١٩٨٢/٠٢/٢٠

حصل على درجة

دكتوراه الفلسفة

في : الهندسة الميكانيكية (قوي ميكانيكية)

وكان موضوع البحث :-

دراسة تجريبية على انتقال الحرارة بالحمل وهبوط الضغط لتدفق مزيج معلق من جسيمات بأبعاد النانومتر في الماء بداخل مبادل حراري غلاف وملف

وقد وافق مجلس الكلية على منحه درجة الدكتوراه بتاريخ : ٢٠١٤/٠٧/٠٨

كما صدق رئيس الجامعة على منحه الدرجة بتاريخ : ٢٠١٤/٠٨/٠٦

الموظف المفتصر

أ. د. / رجب مجاهد عبد النبي

عميد الكلية

أ. د. / رجب مجاهد عبد النبي

تحريرا في : ٢٠١٧ / ١٠ / ٣



BENHA UNIVERSITY
FACULTY OF ENGINEERING
SHOUBRA - CAIRO



PARIS 9-2017

CERTIFICATE

This is to certify that Mr. : **Mohamed Reda Aly Abd-Elhamid Salem**
Nationality : EGYPTIAN Date & Place of Birth : 20/02/1982 KALYOBIYA
Has been awarded the Degree of :

DOCTOR OF PHILOSOPHY

IN MECHANICAL ENGINEERING (MECHANICAL POWER)

The Research Title :

**Experimental Study on Convective Heat Transfer and Pressure Drop
of Water-Based Nanofluid Inside Shell and Coil Heat Exchanger**

The degree has been awarded by Faculty Council held on: 08/07/2014

The degree has been approved by UNIVERSITY BOARD at : 06/08/2014

Date : 25 / 10 / 2017

Prepared by :

Yasmin - Nahed

VICE DEAN OF GRADUATE STUDIES & RESEARCHS

Prof. Dr. Tamer Samir Mahmoud



DEAN

Prof. Dr. Ragab Megahed A. Naby



شهادة

تشهد كلية الهندسة بشبرا - جامعة بنها بأن :

السيد : محمد رضا على عبد الحميد سالم وجنسيته : مصرى

المولود فى : القليوبية بتاريخ : ١٩٨٢/٠٢/٢٠

حصل على درجة

الماجستير

فى الهندسة الميكانيكية (قوى ميكانيكية)

وكان موضوع البحث :

التحكم الحرارى فى الأقمار الصناعية

وقد وافق مجلس الكلية على منحه درجة الماجستير بتاريخ : ٢٠١١/٠٧/١٢

كما صدق رئيس الجامعة على منحه الدرجة بتاريخ : ٢٠١١/٠٧/٢٧

الموظف المختص

اسم - او -

عميد الكلية

أ.د/ رجب مجاهد عبد النبى

تحريرا فى : ٢٠١٧ / ١٠ / ٣



BENHA UNIVERSITY
FACULTY OF ENGINEERING
SHOUBRA - CAIRO

CERTIFICATE

This is to certify that Mr : Mohamed Reda Aly Abd-Elhamid Salem

Nationality : EGYPTIAN Date & Place of Birth : 20/02/1982 KALYOBIYA

Has been awarded the Degree of :

MASTER OF SCIENCE

IN MECHANICAL ENGINEERING (MECHANICAL POWER)

The Research Title :

Thermal Control of Satellites

The degree has been awarded by Faculty Council held on : 12/07/2011

The degree has been approved by UNIVERSITY BOARD at : 27/07/2011

Date : 25 / 10 / 2017

Prepared by :

Yasmin - Nohed

VICE DEAN OF GRADUATE STUDIES & RESEARCHS

Tamer Samir

Prof.Dr.Tamer Samir Mahmoud



DEAN

Ragab Megahed
Prof.Dr.Ragab Megahed A.Naby



جامعة بنها

شهادة تخرج

B 0044980



مركز الشهادات الموحدة



تشهد كلية الهندسة بشبرا

أن السيد/ محمد رضا على عبد الحميد

بتاريخ: ١٩٨٢/٠٢/٢٠

المولود في: القليوبية

الرقم القومي: ٢٨٢٠٢٢٠١٤٠٤٢٩٨

الجنسية: مصري

قد حصل على درجة البكالوريوس في الهندسة الميكانيكية (القوى الميكانيكية)

التقدير العام: جيد جدا مع مرتبة الشرف

عام: ٢٠٠٤

دور: مايو

النسبة المئوية: ٨٠.١٩%

من: ٧٥٠٠

مجموع تراكمي: ٦٠١٤

تقدير مشروع التخرج: ممتاز

٢٠٠٤/٠٧/٢٨

إعتمد مجلس الكلية نتيجة الإمتحان في:

٢٠٠٤/٠٨/١٨

إعتمد مجلس الجامعة نتيجة الإمتحان في:

الكلية حاصلة على شهادة الإعتماد من الهيئة القومية لضمان جودة التعليم والإعتماد بالقرار رقم ١٥٦ بتاريخ ٢٠١٦/٠٧/٠٤

عميد الكلية

مدير شئون الطلاب

المراجع

الموظف المسنول

أ.د. رجب مجاهد عبدالنبي

أ/ حسن ابراهيم

مستخرج من بيانات مركز الشهادات الموحدة بالجامعة بتاريخ ١٢ - ٠٩ - ٢٠١٨

هذه البيانات مرتقة على قاعدة بيانات جامعة بنها ويمكن الرجوع إليها على الموقع الإلكتروني على الرابط التالي:

<http://www.mis.bu.edu.eg/graduates/certificate>

E-Mail: grad_certificate@bu.edu.eg

Tel: ٠٠٢٠١٣٣٢١٠٦٦٦

Mobile: ٠٠٢٠١٣٣٢٠٩٢٤٤





Unified Certification Center



BENHA UNIVERSITY Graduation Certificate

B 003815



The Faculty Of Engineering At Shoubra ,Hereby Certifies That :

Mr. \ **MOHAMED REDA ALY ABD-ELHAMID**
Born In : **KALYOBIA** On : **20/02/1982**
Nationality : **Egyptian** National ID : **28202201404298**

Was Awarded The Bachelor In **MECHANICAL** Engineering (**MECHANICAL POWER**)

Session Of : **May** Year : **2004** With Accumulative grade: **V.GOOD WITH HONOUR DEGREE**
Total Marks : **6014/7500** Percentage: **80.19 %**
Project Grade : **Excellent**

The Faculty Council Approved The Result Of His Exam on: **28/07/2004**
And The University Council On: **18/08/2004**

The College is accredited by the National Authority for Quality Assurance and Accreditation of Education and approved by Resolution 156 dated 03/07/2016

Official in Charge *Mahmoud* Checker *SAK* Registrar *Hassan* Dean of the Faculty *Ragab*
Mr. Hassan Ibrahim **Prof. Dr. Ragab M. Abd-El Naby**



Based on the Unified Certification Center data in Benha University, date 12/05/2018
This data is documented on the database of Benha University. Reference available on:
<http://www.mis.bu.edu.eg/graduates/certificate>

email : grad_certificate@bu.edu.eg
Mobile : 00201272092990
Tel: 0020133210661



Certificate
THIS IS TO CERTIFY THAT

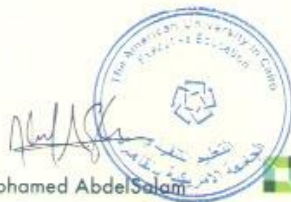
Mohamed Reda Aly Abd-Elhamid Salem

has successfully completed the following program

"Mastering Business Skills for Entrepreneurs"

(CEUs: 9.9)

November 16, 2018 to May 3, 2019



Mohamed Abdel Salam
Executive Director, Executive Education



Ghada Khalil
Director of Rowad 2030 Project



Applied Thermal Engineering

Certificate of Reviewing

Awarded since April 2017 (14 reviews)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of Applied Thermal Engineering



Case Studies in Thermal Engineering

Certificate of Reviewing

Awarded since July 2021 (1 review)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of Case Studies in Thermal Engineering





Energy

Certificate of Reviewing

Awarded since December 2019 (10 reviews)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of Energy



International Journal of Heat and Mass Transfer

Certificate of Reviewing

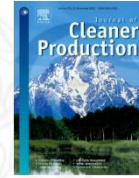
Awarded since January 2017 (6 reviews)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of International Journal of Heat and Mass Transfer





Journal of Cleaner Production

Certificate of Reviewing

Awarded since March 2020 (1 review)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of Journal of Cleaner Production



International Journal of Refrigeration

Certificate of Reviewing

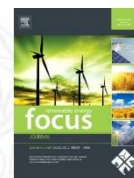
Awarded since January 2019 (2 reviews)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of International Journal of Refrigeration





Renewable Energy Focus

Certificate of Reviewing

Awarded since October 2018 (1 review)
presented to

MOHAMED SALEM

in recognition of the review contributed to the journal

The Editors of Renewable Energy Focus



In cooperation with
INSTITUTION OF CHEMICAL ENGINEERS



**CHEMICAL ENGINEERING
RESEARCH AND DESIGN**



Certificate of Reviewing

awarded February, 2016 to

MOHAMED SALEM

In recognition of the review made for the journal

The Editors of **CHEMICAL ENGINEERING RESEARCH AND DESIGN**
Elsevier, Amsterdam, The Netherlands



شهادة تقدير

يوم التميز العلمي التاسع

تتقدم جامعة بنها بخالص الشكر والتقدير إلى

دكتور/ محمد رضا على عبدالحميد سالم

كلية الهندسة بشبرا

وذلك تقديرا لأدائك المتميز في مجال البحث العلمي والنشر الدولي

(برنامج دعم البحث العلمي 2023)



جامعة بنها

BENHA UNIVERSITY

يوم التميز العلمي

Scientific Excellence Day

أ.د. ناصر الجيزاوي

نائب رئيس الجامعة
لشئون الدراسات العليا والبحوث



قطاع الدراسات العليا والبحوث

شهادة تقدير

يوم التميز العلمي الثامن

تتقدم جامعة بنها بخالص التقدير إلى

د/ محمد رضا على عبدالحميد سالم

كلية هندسة شبرا

وذلك لأدائك المتميز في مجال البحث العلمي والنشر الدولي

(برنامج دعم البحث العلمي 2022)



جامعة بنها

BENHA UNIVERSITY

يوم التميز العلمي

Scientific Excellence Day

أ.د. جمال سوسه

رئيس جامعة بنها



أ.د. ناصر الجيزاوي

نائب رئيس الجامعة لشئون الدراسات العليا والبحوث



شهادة تقدير

يوم التميز العلمي السادس

تتقدم جامعة بنها بخالص الشكر والتقدير إلى

دكتور / محمد رضا على عبد الحميد سالم

كلية الهندسة بشبرا - جامعة بنها

وذلك تقديراً لأدائكم المتميز في مجال البحث العلمي والنشر الدولي

أبحاث دورة يوليو ٢٠٢٠



جامعة بنها

BENHA UNIVERSITY

يوم التميز العلمي

Scientific Excellence Day

أ.د. جمال السعيد

رئيس الجامعة



أ.د. ناصر الجيزاوي

نائب رئيس الجامعة
 لشؤون الدراسات العليا والبحوث



جامعة بنها
BENHA UNIVERSITY
www.bu.edu.eg

شهادة تقدير

يوم التميز العلمي السادس

تتقدم جامعة بنها بخالص الشكر والتقدير إلى

دكتور / محمد رضا على عبد الحميد سالم

كلية الهندسة بشبرا - جامعة بنها

وذلك تقديراً لأدائكم المتميز في مجال البحث العلمي والنشر الدولي

أبحاث واستشهادات دورة يوليو ٢٠١٩



جامعة بنها

BENHA UNIVERSITY

يوم التميز العلمي

Scientific Excellence Day

أ.د. جمال السعيد

رئيس الجامعة



أ.د. ناصر الجيزاوي

نائب رئيس الجامعة
 لشؤون الدراسات العليا والبحوث



جامعة بنها
BENHA UNIVERSITY
www.bu.edu.eg

شهادة تقدير

يوم التميز العلمي الخامس

تتقدم جامعة بنها بخالص الشكر والتقدير إلى

د. / محمد رضا علي عبدالحميد سالم

مدرس بقسم الهندسة الميكانيكية - كلية الهندسة بشبرا

وذلك تقديراً لأدائكم المتميز في مجال البحث العلمي والنشر الدولي

أبحاث واستشهادات دورة يوليو ٢٠١٨ و أبحاث دورة يناير ٢٠١٩



جامعة بنها
BENHA UNIVERSITY
يوم التميز العلمي
Scientific Excellence Day

أ.د. جمال السعيد

رئيس الجامعة



جامعة بنها
BENHA UNIVERSITY
www.bu.edu.eg



شهادة شكر وتقدير

يوم التميز العلمي الرابع ٢٠١٨

نتقدم جامعة بنها بخالص الشكر والتقدير إلى

د. / محمد رضا علي عبدالحميد سالم

مدرس بقسم الهندسة الميكانيكية - كلية الهندسة بشبرا

وذلك تقديراً لأدائكم المتميز في مجال البحث العلمي والنشر الدولي

أبحاث دورة يناير ٢٠١٨

أ.د. السيد يوسف القاضي

رئيس جامعة بنها



أ.د. هشام محمد أبو العينين

نائب رئيس جامعة بنها
لشئون الدراسات العليا والبحوث







بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



يوم التميز العلمي الثالث ٢٠١٧

نتقدم بآهبة بنها بآالص الشكر والتآهبر إلى

د / محمد رضا سالم

مدرس بكلية الهندسة بشبرا

على الآهوء المبذولة لأصول كلية الهندسة بشبرا على الاعآماء من
الهيئة القومية لضمان الآهوءة والاعآماء

أ.د. / السيد يوسف القاضي

رئيس آامعة بنها

أ.د. / هشام محمد أبو العينين

نائب رئيس آامعة بنها
لشنون الدراسات العليا والبحوث



رئاسة مجلس الوزراء
الهيئة القومية لضمان آهوءة التآهيم والاعآماء

شَهَادَة

تشهد الهيئة القومية لضمان آهوءة التآهيم والاعآماء أن :

أ.م.د. محمد رضا على عبد الحميد سالم
قد حضر

" التآهيم الذاتي للبرامج التآهيمية : كليات ومعاهد التآهيم العآلي "

في الفترة من 01 إلى 03 فبراير 2020م

رئيس مجلس إدارة الهيئة
أ.د. / يوسف السيد

مدير إدارة التآهيم
د/ حطير الشيرخان
د/ حطير السيد العآلي



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شهادة

يشهد مركز تنمية قدرات أعضاء هيئة التدريس والقيادات - جامعة بنها

بأن السيد / محمدرضا علي عبد الحميد سالم - الدرجة العلمية / استاذ مساعد

كلية / الهندسة بشببرا - الهندسة الميكانيكية

قد اجتاز الدورة التدريبية - تدريب المدربين TOT1 (المدرّب المشارك)

في الفترة من ٢٠٢٣/٨/١٩ إلى ٢٠٢٣/٨/٢١



مركز تنمية قدرات أعضاء هيئة التدريس و القيادات
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رئيس الجامعة
د.د. ناصر الجيزاوي



مدير المركز
د.د. هاني شحاته



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بأن السيد / محمد رضا علي عبد الحميد - الدرجة العلمية / استاذ مساعد

كلية / الهندسة بشببرا - الهندسة الميكانيكية

قد اجتاز الدورة التدريبية " التخطيط الاستراتيجي

في الفترة من ٢٠٢٣/٣/٢٠ إلى ٢٠٢٣/٣/٢١



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات
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بأن السيد/ محمد رضا على عبد الحميد /الدرجة العلمية/ استاذ مساعد

كلية/ الهندسة بشبرا- الهندسة الميكانيكية

قد اجتاز الدورة التدريبية " التقييم الذاتي والمراجعة الخارجية

في الفترة من ٢٠٢٣/٣/١٣ إلى ٢٠٢٣/٣/١٤



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بأن السيد/ محمد رضا على عبد الحميد /الدرجة العلمية/ استاذ مساعد

كلية/ الهندسة بشبرا- الهندسة الميكانيكية

قد اجتاز الدورة التدريبية " بنوك الأسئلة والاختبارات

الإلكترونية في الفترة من ٢٠٢٣/٣/٢٧ إلى ٢٠٢٣/٣/٢٨



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بأن السيد/ محمد رضا على عبدالحميد الدرجة العلمية/ استاذ مساعد

كلية/ الهندسة بشبرا- الهندسة الميكانيكية

قد اجتاز الدورة التدريبية " ادارة المواقع الإلكترونية "

فى الفترة من ٢٠٢٣/٣/١٥ إلى ٢٠٢٣/٣/١٦



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات
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بأن السيد/ محمد رضا على عبدالحميد الدرجة العلمية/ استاذ مساعد

كلية/ الهندسة بشبرا- الهندسة الميكانيكية

قد اجتاز الدورة التدريبية " تنظيم المؤتمرات العلمية "

فى الفترة من ٢٠٢٣/٣/٢٢ إلى ٢٠٢٣/٣/٢٣



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات
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نائب رئيس الجامعة للدراسات العليا والبحوث

أ.د. ناصر الجيزاوى



مدير المركز
أ.د. هاني بلحنة

قائمة ستانفورد لأفضل 2% من علماء العالم ٢٠٢٣



Data Source: Prepared by Elsevier BV, Stanford University, USA

شُكْرٌ وَتَقَدِيرٌ

يسر جامعة بنها أن تتقدم لسيادتكم بخالص الشكر والتقدير الى

السيد الدكتور / محمد رضا علي عبدالحميد سالم

كلية الهندسة بشبرا
وذلك لاختياركم ضمن

قائمة أعلى 2% من علماء العالم الأكثر استشهادًا لعام ٢٠٢٣

الذي كان له تأثير كبير في تصنيف الجامعة العالمي

متمنيين لسيادتكم مزيدا من التوفيق والسداد

رئيس الجامعة

د. ناصر الجيزاوي









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كلية الهندسة - شبرا

FACULTY OF ENGINEERING - SHOUBRA

DEAN

العميد

قرار رقم (53) لسنة 2021
بتاريخ 2021 / 8 / 31

أ.د/ عميد الكلية

- بعد الإطلاع علي قانون الخدمة المدنية رقم (81) لسنة 2016 بشأن نظام العاملين المدنيين بالدولة ولائحة التنفيذية والقوانين المعدله له
- والقانون رقم (49) لسنة (1972) بشأن تنظيم الجامعات ولائحته التنفيذية والقوانين المعدله له .
- ولصالح العمل.

قرر الآتي:-

أولاً

- تكليف السيد الأستاذ مساعد الدكتور/ محمد رضا علي عبد الحميد سالم - الأستاذ المساعد بقسم الهندسة الميكانيكية - منسق الأنشطة الطلابية بالكلية

ثانياً

- منح إجازة من يعينه الأمر للعمل بموجب إقرار من تاريخ
- يلغي كل ما يخالف ذلك من قرارات وأوامر سابقة
- علي جميع الجهات الإختصاص بتقنين ذلك كل فيما يخصه
- يسرى العمل بالقرار اعتباراً من تاريخ صدوره .

عميد الكلية
أ.د/ أيمن رشاد الشهابي
C- 9118/21

108 SHOUBRA ST. CAIRO-EGYPT TEL.: (202)2050010 - FAX: (202)2023336 فاكس: (٢٠٢)٢٠٣٣٣٣٦ - مصر ت: (٢٠٢)٢٠٥٠١٠ - WWW.FES.EDU.EG

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العميد

قرار رقم (١٧) لسنة ٢٠٢٠
بتاريخ ٢٠٢٠ / ١٢ / ٢

أ.د/ عميد الكلية

- بعد الإطلاع علي قانون الخدمة المدنية رقم (٨١) لسنة ٢٠١٦ بشأن نظام العاملين المدنيين بالدولة ولائحته التنفيذية والقوانين المعدله له
- والقانون رقم (٤٩) لسنة (١٩٧٢) بشأن تنظيم الجامعات ولائحته التنفيذية والقوانين المعدله له .
- قرر رئيس مجلس إدارة وحدة الجودة
- ولصالح العمل.

قرر الآتي:-

تكليف السيد الأستاذ الدكتور/ محمد رضا سالم - الأستاذ المساعد بقسم الهندسة الميكانيكية -

نائبا لمدير وحدة ضمان الجودة لإدارة البرامج بالكلية .

يبلغ هذا الكون من يعنيه الامر للعمل بموجبه اعتبارا من تاريخه.

يلغي كل ما يخالف ذلك من قرارات واوامر سابقة.

علي جميع جهات الاختصاص تنفيذ ذلك كل فيما يخصه.

تحريرا في ٢٠٢٠ / ١٢ / ٢

عميد الكلية
أ.د/ أيمن رشاد الشهابي
٢٠٢٠ / ١٢ / ٢

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