

Curriculum Vitea

Name : *Jamal Saleh Yassin*

Date and Place of Birth : *1959, Lebanon*

Marital Status : *Married*

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Scientific Rank: *Professor*

Education :

1. *Doctor of Philosophy in Mechanical Engineering*
Faculty of Engineering and Technology
Bircham International University, USA, 2010.
2. *Master of Science*
Aeronautical and Astronautical Dept.
The Ohio State University
Columbus, Ohio, USA, 1986.
3. *Bachelor of Science*
Mechanical Engineering Dept.
University of Mosul
Mosul, Iraq, 1983

Work Experience :

- 1- *Staff Member*
Mechanical Dept.
Faculty of Engineering
University of Misurata
Misurata, Libya (2002- cont.)

- 2- *The Libyan Academy –Misurata Branch*
Mechanical Engineering and Renewable Energies Dept.
Supervising and teaching Master degree students.
Misurata, Libya (2013-cont.)
- 3- *Head of the Water and Environment Dept.*
Faculty of Engineering
University of Misurata (2015-2021)
- 4- *Consulting Engineer*
Alasas- Consulting Engineers
Misurata- Libya (2002)
- 5- *Staff Member*
The Higher Institute of Industry (Formerly)
College of Industrial Technology (Now)
Misurata, Libya (1997-2002)
- 6- *Lecturer and Trainer*
Rasied Scientific
Tripoli, Libya (1995- 1996)
- 7- *Staff Member*
The Higher Institute of Polytechnics
Misurata, Libya (1992-1995)
- 8- *Staff Member*
Mechanical Engineering Dept.
University of Technology
Baghdad, Iraq (1987-1991)
- 9- *Supervisor Engineer*
Al-Rasheed Factory
Baghdad, Iraq (1983-1984)

Publications: (*Exergy Analysis of The Solar Desalination Unit*
Working By HD Process)

This book is available on the site: www.morebooks.de

Papers: *The following papers are presented and published in many conferences and journals, are available on the site: www.Researchgate.net :*

1. *De-central desalination unit by HD process in Libya.*
2. *Theoretical analysis of a solar combined cycle power plant.*
3. *Selection and evaluation of a small scale desalination unit for a recreation village.*
4. *Performance evaluation of an integrated solar combined cycle power plant*
5. *Modelling and performance prediction of a solar powered Rankin cycle/gas turbine cycle.*
6. *A theoretical analysis for modelling and prediction of the emissions from the gas turbine engine.*
7. *Optimization and performance prediction of an integrated solar/gas/steam combined cycle.*
8. *Modelling and simulation of solar desalination by humidification-dehumidification process.*
9. *Thermodynamic Feasibility of Cogeneration Gas/Steam Combined Cycle.*
10. *Packed bed thermal storage for air heating system.*
11. *Simulation and optimization of a solar integrated combined cycle power plant based on second law analysis.*
12. *Thermodynamic Feasibility of Cogeneration Gas/Steam Combined Cycle.*
13. *Simulation of Solar Energy Storage System.*
14. *Modelling and Prediction of Emissions From an Engine at Variable Mixing Ratios of Fuels and Alcohols.*
15. *Exergy Analysis of a Solar Humidification Dehumidification Desalination Unit*
16. *Performance Augmentation of a Combined Cycle Power Plant with Waste Heat Recovery and Solar Energy*
17. *Thermal Analysis of a Solar Storage Unit.*
18. *Performance Evaluation of a Solar Humidification – Dehumidification Desalination Unit.*
19. *A Theoretical Analysis for Modeling and Prediction of the Jet Engine Emissions.*
20. *Optimization of The Performance Parameters Of A Single-Slope Solar Still Desalination Unit At Various Heat Transfer And Thermal Storage Enhancements.*

21. *Exergy and Energy Analysis of Once Through Multi Stage Flash Desalination Unit at Variable Operational Temperatures*

22. إضافة المواد الكحولية إلى الوقود وأثرها على انبعاثات محركات المركبات
23. تقييم أداء عمليات الصيانة وأثرها على إتاحة المكنن وجودة الإنتاج في مصنع الدرفلة على الساخن في الشركة الليبية للحديد والصلب
24. التلوث البيئي وأثره على التنمية الاقتصادية في ليبيا
25. تقييم الأثر البيئي لنقل الوقود السائل داخل ليبيا