

BASHIR RAHUMA ELHUB

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Research gate link:

https://www.researchgate.net/profile/Bashir_Elhub/contributions

Google scholar:

<https://scholar.google.com/citations?user=CmZC4tsAAA&hl=en>

Linked in link:

<https://www.linkedin.com/in/bashir-elhub-29027185/>

EDUCATION

The National University of Malaysia, UKM

Ph.D. graduated 2018

Experimental and theoretical study on variable Ejector Hybrid Cooling System using R134a

The National University of Malaysia, UKM

[M.A. in English] 2006

Thesis:” The optimum arrangement of solar collectors in the tropics”. Case study for Malaysia weather.

[B.A. Honours in English] 1999

Areas of Concentration: Thermal engineering, Air conditioning, thermodynamics, solar thermal

Honours Thesis “ theoretical study on modern absorption

systems. RELATED EXPERIENCE

Tutor at high institute for Refrigeration and Air conditioning – Suknah- Libya

2000-2001

Operator engineer at Alkhoms Power plant **2001-2004**

TEACHING EXPERIENCE

High institute for general professions- Alkhoms , Libya.

Lecturer – ‘Basic of thermodynamics’ 2007

[Developed syllabus and overall course structure, and administered all grades.]

Cooling systems and air conditioning systems 2007

[Developed syllabus and overall course structure, and administered all grades.]

The basic of refrigeration systems 2008

[Developed syllabus and overall course structure including weekly lab
practicum, and administered all grades.]

Supervisor for final projects 2010-2012

[Collaborated on curriculum and exam development, met with
students upon request, and graded all written work, including final
exam papers.] PUBLICATIONS AND PAPERS

- 1-** Experimental study on heat transfer and fluid flow in vertical rifled tube Paper presented at the 3rd international conference on mechanical industrial and manufacturing engineering (MIMT 2012) Shenzhen.
2012
- 2-** Review paper on ejector design parameters and geometry for refrigeration and air conditioning application Paper presented at WSEAS Kuala Lumpur 2014
- 3-** Effect of the Nozzle Exit Position on the efficiency of ejector cooling system using R134a. (ARPN Journal of Engineering and

Applied Sciences).

4- Energy saving potential of solar cooling systems in hot and humid region. (ARPN Journal of Engineering and Applied Sciences).

5- Optimizing Nano fluids with the Optimum of Round Tube Design on the Performance of PVT Collector.

6- A stand-alone Photovoltaic System Design and Sizing: a Greenhouse Application in Sabha City: Case study in Libya.

7- Numerical Investigations on Heat Transfer Enhancement by Using SiO₂- Water Nano fluid in a Parabolic Trough Solar Collector.

8- Evaluating solar-driven ejector efficiency used in hybrid conventional air conditioning systems: a parametric study.

9- Performance prediction for an adjustable ejector used in air-conditioning systems.

10- Experimental and numerical study of solidifying phase-change material in a triplex-tube heat exchanger with longitudinal/triangular fins.

11- Performance evaluation and parametric studies on variable nozzle ejector using R134A.

12- Investigating Delays in Libyan Road Construction Projects Using Structural Equation Modelling (SEM)

13- Performance study on photovoltaic/thermal solar-assisted heat pump system.

Current status graduated from the National University of Malaysia (PhD) September 2018 Specialization: Renewable energy and refrigeration and air conditioning.

MEMBERSHIPS

Editorial at Greener journal

International Journal of Renewable Energy Research-IJRER