

CURRICULUMVITAE
Akeel Mohammed Ali Morad



| Personal Information | | | |
|--|---------------------------------|----------------------|------------------|
| Name | Akeel Mohammed Ali Morad | | |
| Place of Birth | Basra | Date of Birth | Aug,23,1979 |
| Nationality | Iraqi | Language | Arabic & English |
| Marital Status | Married | Sex | Male |
| Education/Qualification | | | |
| <ul style="list-style-type: none"> • Technical Diploma in Machines and Equipment / Air Conditioning and Refrigeration (Basra Technical Institute 2001). Basra, Iraq • B. Sc. In Air Conditioning and Refrigeration (Basra Technical College 2004).Basra, Iraq • M. Sc. In Thermal Engineering Technology (Technical College – Baghdad 2010). Baghdad, Iraq <p>M. Sc. Thesis Title: "Theoretical and Experimental Study of Vapor-Lift Bubble Pump Performance".</p> | | | |
| Present Job | | | |
| <ul style="list-style-type: none"> - Instructor in Technical Engineering College of Basra / Refrigeration & Air Conditioning Engineering Department. (2010). - Lecturer in Technical Engineering College of Basra / Fuel and Energy Engineering Department. (2017). | | | |
| Experience | | | |
| Teaching in Refrigeration and Air conditioning Laboratories in Basra Technical College (2005- 2006) | | | |
| <ul style="list-style-type: none"> • Teaching the students on Refrigeration Equipments Maintenance. • Teaching the students on Refrigeration Laboratory. | | | |
| Teaching in Fuel and Energy Engineering Department in Basra Technical College (2009-2011) | | | |
| <ul style="list-style-type: none"> • Teaching the Chemical Thermodynamics for third year student in Fuel and Energy Eng. Department. • Teaching the Fluid Mechanics for Second year student in Fuel and Energy Eng. Department. • Teaching the Refrigeration Equipments Maintenance for third year student in Refrigeration and Air Conditioning Eng. Department. • Teaching the Thermodynamics Science for third year student in Environmental and Pollution Eng. Department. • Teaching the Power Plant Engineering for fourth year student in Fuel and Energy Eng. | | | |
| Teaching in Refrigeration and Air Conditioning Eng. Department in Basra Technical College (2011-2012) | | | |
| <ul style="list-style-type: none"> • Teaching the Air Conditioning System Design for fourth year student in | | | |

Refrigeration and Air Conditioning Eng. Department.

- Teaching the Heat Transfer for third year student in Refrigeration and Air Conditioning Eng. Department.
- Teaching the Refrigeration Equipments Maintenance Lab. for third year student in Refrigeration and Air Conditioning Eng. Department.
- Teaching the Mechanics Equipment and Repair for third year student in Refrigeration and Air Conditioning Eng. Department.
- **Activities in Basra Engineering Technical College-Iraq.**
- Eng. Designer and Consultant Engineer in Scientific and Consultant Services Bureau, Engineering Technical College \ Basrah, Refrigeration and Air-conditioning System Design and Calculations, Pipe Line work, Insulations.., since 2012 until now.
- Co-working Team in **Al-hartha** Power Plant –Basra City, for Repairing, Maintenance and Design of Boiler, Steam Turbine, Air-compressor and Fans.
- **ASHRAE** (American Society of Heating, Refrigerating and Air-Conditioning Engineers) Membership, ID: 8254224, 01/31/2015.
- Matest (via delle Industrie – ITALY, Training Course for Installation, Use, Calibration and Maintenance of Industry Equipment. Sep (2014).
- Institution of Mechanical Engineers (**MIMechE**) membership, ID 280265454.
- Technical Trainer of Centrifugal Compressors at the Basra Gas Company associated with STU-CEC (2016).

* Supervised on the fourth year student project theses in Fuel and Energy Eng. Department, Refrigeration and Air Conditioning Eng. Department, and Environmental and Pollution Eng. Department.

Skills

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| Language | Arabic and English |
| Computer Knowledge | Windows, Ms Office., and other Package Software related in Refrigeration and Air Conditioning Systems. |
| Others | Air Duct Design Systems, Cooling Load Calculations, Heat Exchangers Design and Calculations, CFD, CHVAC. |

Publications Papers

- 1- M.A., Akeel, S., Abdulwadood., S.A., Asiem. (2010). *Theoretical Analysis of a Thermally Operated Vapor Bubble Pump*. In Proceeding, F.T.E. Scientific Int. Conf. Tech.-College – Najaf. Iraq, 12-13/ April, 2010.
- 2- S., Abdulwadood, and M.A., Akeel.” *Experimental Investigation of Water Vapor-Bubble Pump Characteristics and its Mathematical Model Reconstruction*”, Eng. & Tech. Journal, Vol. 30, No.11, 2012.

3-M.A, Akeel, “Numerical Solution of Convective and Radiation Heat Transfer from A Vertical Rectangular Fin”, European Journal of Applied Engineering and Scientific Research, EJASER-2014-183.

4- M.A, Akeel, “Theoretical Analysis of the pump-less Absorption Refrigeration System Using Ethanol-Water Solution As Working Fluid”, 6th International Conference on Energy Research and Development, State of Kuwait, March 14-16, 2016.

5- M.A, Akeel,” Experimental Investigation to Determine the Bubble Pump Performance for Absorption Refrigeration System Using Ethanol-Water Solution as Working Fluid” under press ISSN 1818-635XAL-Taqani Journal , Iraq , Baghdad, 2015.

6- Reviewer of Journal of Advances in Physics, 2015.

7-Reviewer of Elsevier International Journal of Refrigeration/2016.

Contacts

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