

Ahmad Ibrahim Bani Yaseen



PERSONAL INFORMATION

Nationality: Jordanian
Date of Birth and place: 23/12/1986, Amman.
Gender: Male
Marital Status: Married
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EDUCATION

Degree: M.Sc. Mechanical Engineering,
Grade: Excellent (3.91/4)
Institution: University of Jordan, Amman, Jordan
Period: 1/2/2013 – 24/8/2015
Thesis Title: (*Modeling of liquid film condensation in saturated porous medium using Forchheimer's model*).

Degree: B.Sc. Mechanical Engineering
Grade: Very good (3.18 /4)
Institution: University of Jordan, Amman, Jordan
Period: 12/9/2004 - 1/2/2009

WORK EXPERIENCES

Academic Institution: The Hashemite University, Zarqa, Jordan
Date: 22/1/2017 – Present
Job Description: Assistant Tutor
Responsibility: Teaching mechanical engineering courses in mechanical engineering department such as: Strength of Materials, Numerical analysis, Thermal Fluid sciences, Fluid Mechanics, Thermal lab I, Thermal lab II, Fluid Mechanics lab, Thermal fluid lab, Mechanical Drawing lab, and Strength of Material lab.

Academic Institution: University of Jordan, Amman, Jordan
Date: 3/1/2010 – 20/1/2017
Job Description: Lab Engineer
Responsibility: I taught and supervised mechanical engineering labs such as: Heat Transfer lab, Fluid Mechanics lab, Strength of Material lab, Mechanical Drawing, Engineering drawing & Descriptive Geometry lab, Computer programming for engineer (Matlab software) and Engineering Measurement lab.

Company: National Integrated Industries complex, Jordan
Data: 22/3/2009 – 1/1/2010
Job Description: Process Engineer

Responsibility:

- Implementation of new production equipment installation and monitoring project progress and contractors activities, supervising electromechanical maintenance installation staff.
- Design and optimize cooling system for expanded polystyrene machines.
- Perform both preventive and corrective maintenance for plastic injection molding machines.

Company: Natural Resource Authority, Jordan

Date: 19/6/2008 – 23/8/2008

Department: Workshop and Maintenance Directorate

Job Description: Program training as requirement of B.Sc. Mechanical Engineering

LANGUAGE

1. Arabic (Mother tongue).
2. English (Excellent).

TRAINING COURSE

1. CAD using Pro Engineer which was held for a total of 30 hours from 22/8/2006 to 12/9/2006 as a part of the perfect internet & computer program (PICP) in the University of Jordan.
2. Matlab software which was held for a total of 30 hours from 29/1/2006 to 11/2/2006 as a part of the perfect internet & computer program (PICP) in the University of Jordan.
3. C++ (Beginner) which was held for a total of 30 hours from 19/6/2005 to 9/7/2005 as a part of the perfect internet & computer program (PICP) in the University of Jordan.

SKILLS

- **Computer skills:**
Windows, Microsoft office skills (Word, Excel, PowerPoint) and Internet.
- **Engineering Programs:**
MATLAB Software, ANSYS software, AutoCAD (2D, 3D), C++, Creo parametric software.
- **Interpersonal Skills:**
Problem Solving, Self-motivated, Organized, Listening and Ability to learn.
- **Communication Skills:**
Work with groups, Training, Presenting, Interpreting ideas, and Negotiating.
- **Administrative Skills:**
Planning, Program planning, Scheduling and Organizing
- **Research skills:**
Data Collection, Information Analyzing.
- **Driving license:**
Category 3

PUBLICATIONS

1. Yaseen, A. B., & Duwairi, H. M. (2020). Modeling of liquid film condensation in saturated porous medium using forchheimer's model. *Special Topics & Reviews in Porous Media: An International Journal*, 11(2).
2. Omari, M. A., Almagableh, A., Sevostianov, I., & Yaseen, A. B. (2020). Modeling of the viscoelastic properties of thermoset vinyl ester nanocomposite using artificial neural network. *International Journal of Engineering Science*, 150, 103242.
3. Ahmad Bani Yaseen, Laith Al-Hyari, Omar Almahmoud & Mahmoud Hammad (2020). Performance of a new solar water heater design with natural circulation, *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, DOI: 10.1080/15567036.2020.1785590

KNOWLEDGE'S

- **Mechanics of Machines (Machinery).**
- **Mechanical Design.**
- **Design of sanitary system.**
- **Fluid mechanics and Heat Transfer.**
- **HVAC design.**
- **Refrigeration Systems.**
- **Thermodynamics.**
- **Solar Energy.**

REFERENCES

Upon request.