

Personal Data

- + Name :- Laith Ratib Batarseh.
- + Current address:- Abu – Nusier, Amman, Jordan.
- + Cell phone number 0777783072 .
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lythratib@yahoo.com.
- + Nationality :- Jordanian.
- + Place and date of birth: - Amman, 1984.
- + Marital Status:- Single.



Educational Data

❖ Graduated Study

- + Collage and City :- University of Jordan , Amman.
- + Years attended :- 2007 – 2010.
- + Degree and Specification :- M.Sc. in mechanical engineering of rank very good with average 3.44 out of 4.00.
- + Thesis Title:- Permeability effect on the propagation of sound waves in a saturated porous media

❖ Undergraduate Study

- + Collage and City :- University of Jordan , Amman.
- + Years attended :- 2002 – 2007.
- + Degree and Specification :- B.Sc. in mechanical engineering of rank very good with average 3.05 out of 4.00.
- + Final Year Project Title: -Domestic Renewable Energy Unit (hybrid system of wind turbine generator and photovoltaic cells), JUEC, Amman, Jordan.

❖ High School Study

- + Name :- Jarash High School
- + City :- Jarash.
- + Graduation Year:- 2002.
- + Average:- 92.1.

Training Program

- + Eight weeks in **Ol'e Jordan** as a graduation requirement for the B.Sc. in mechanical engineering.

Practical Experience

- **Academic staff member, Philadelphia University, Amman, Jordan. (2012 - Now).**

Experience description:-

Taught Courses

- Numerical Analysis
- Engineering workshop I
- Engineering workshop II
- Mechanical vibration
- Theory of machines
- Automatic control systems
- Engineering measurements
- Hydraulic machines
- Static E-learning course

Administrative Duties

- Media and Social Committee (2012-2013)
- Project and laboratories Committee (2014-now)
- Project coordinator, Jordan Innovation Center, 2015-Now

- **Project coordinator: Jordan Innovation Center- Philadelphia University**
- **Lab Supervisor, Philadelphia University, Amman, Jordan. (2007 -2012).**

Experience description:-

Taught Labs

- Engineering drawing
- Vibration Lab
- Thermal Lab
- Strength Lab
- Mechanical Engineering Lab
- Engineering (AutoCAD)

Administrative Duties

- Computer lab. Supervisor:- 2007 – 2008.
- Strength Lab. Supervisor:- 2008 - 2012.
- Training committee
- Examination committee
- Quality assurance committee
- Web committee
- Organizing the Fifth International Multi-Conference of Systems, Signals and Devices (IEEE SSD 08), 2008:- registration committee.
- Organizing the Sixth International Multi-Conference of Systems, Signals and Devices (IEEE SSD 10), 2010:- session organizing
- Organizing the 5th mechanical engineering day, 2010:-. registration committee
- Organizing the 4th National Technology Parade (NTP), 2011:- registration committee.

- **Teacher assistant (three semesters) in University of Jordan**
- **Translator of experiments manuals, 1 year (as part time job).**

Additional Qualifications

- **Languages** :- Arabic (mother language) and English (TOEFL (local exam): 527/700)
- **Computer skills**:- a good skills in using Microsoft office (Word, Excel and power point)
MATLAB, Auto CAD and Pro-Engineer and a good level in printing in both English and Arabic languages.
- **Special courses**: - a course in problems solving in JU community serves office.
- **Workshops**: - Intellectual Property and Technology Management for Universities, WIPO (2011)
- **Voluntary work**: supervisor in “Waves of Rebels” contest (6 weeks)

Published Work and Filed of Interest

❖ Published Work:-

➤ Research papers:-

- M. Hammad, and L. Batarseh (2015) **INNOVATIVE WIND TURBINE SELECTION METHOD USING MODIFIED WEIBULL PROBABILITY FUNCTION**, *Journal of Architectural Engineering Technology* (in press)
- Munzer S.Y. Ebaid, Osamah M. Haddad, Laith R. Batarseh(2014), **Numerical investigation of fully developed laminar flow in irregular annular ducts: Triangular–circular combinations**, *Energy Conversion and Management*, Vol85, pp 511-520.
- L.R. Batarseh and H.M. Duwairi (2011), **PERMEABILITY EFFECT ON SOUND WAVE PROPAGATION IN SATURATED POROUS LAYER LIED OVER FLAT PLATE**, *International Journal of Heat & Technology*, Vol.29 No.2, pp25-32.
- L.R. Batarseh and H.M. Duwairi (2011), **ISENTROPIC SOUND PROPAGATION ANALYSIS AND OPTIMIZATION OVER FLAT PLATE OF SATURATED POROUS MEDIA WITH VARIABLE PERMEABILITY**, *International Journal of Heat & Technology*. Vol.29 No.1, pp 55-62.

➤ Books:-

- **Sound Wave Propagation in Porous Media: Permeability Effect**

ISBN-13: 978-3-8484-9288-6

ISBN-10: 3848492881

**LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str.
6-8 66121, Saarbrücken, Germany.**

Memberships

- Jordanian Society For Renewable Energy: 2014 –Now
- The Jordanian National Committee of the International Institute of Refrigeration, 2012-Now
- Jordanian society of engineers, 2007-Now

Personals

Reference

Prof. Mahmoud A. Hammad , Mechanical Engineering Department, JU
Prof. Hamzeh M. Duwairi, Mechanical Engineering Department, JU.
Handri Amari, Mechanical Engineering Department, mutah

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