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- Design of Projects in Environmental Engineering, 1 time
 - Sanitary Engineering, 13 times.
 - Air and Industrial Pollution, 5 times.
 - Hydrology, 2 times
 - Environmental Engineering Lab., two times
 - Engineering Economy, 20 times
 - Engineering Drawing, 5 times.

Supervision of Undergraduate Projects:

- Grey water
- Water quality assessment

Feb. 2011 – Jun 2011 Part-time Lecturer in Chemical Engineering Department - Mutah University.

Courses Taught:

- Industrial Analytical Chemistry, 1 time.
- Electrochemical Engineering, 1 time.

Feb. 2004 – Sept. 2011. Chemical Engineer in Prince Faisal Center for Dead Sea, Environmental, and Energy Research.

The field of experience is:

- instrumental analysis and that includes:

- 1- High Performance Liquid Chromatography.
 - 2- Ion Chromatography
 - 3- Atomic Absorption.
 - 4- Flame Photometer
 - 5- UV-Visible
 - 6- Total Organic Carbon
 - 7- DR-Spectroscopy
 - 8- Gas Analyzer
 - 9- Routine tests of water and wastewater, (pH, EC, S.G, TS, TDS, TSS, DO, T.H, Ca-H, Alkalinity, BOD₅, COD)
 - 10-Administrative work in the field of preparing reports related to the
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center work includes regular reports, budgets, and documentation.

11-Training courses were applied:

A- Chemical analysis short course

B- Chromatographic application short course

12-Training session to different categories:

I. Chemical engineering students

II. Civil Engineers / Water and Environment engineers

Oct. 2002 – Jan 2004 Research Assistant at Chemical Engineering Department / Mutah University and JICA

Publications

Abiotic reduction of Cr(VI) by humic acids derived from peat and lignite: kinetics and removal mechanism.

Suha T. Aldmourlan T. BurkeAndrew W. BrayDaniel L. BakerAndrew B. RossFiona L. GillGiannantonio CibirMichael E. RiesDouglas I. Stewart

Environmental Science and Pollution Research, February 2019, Volume 26, Issue 5, pp 4717–4729

Projects

Erasmus+ Programme (Capacity-Building projects in the field of Higher Education (E+CBHE))- Co-funded by the Erasmus+ programme of the European Union

Award Received

1-Golden Award, Prince Al-Hassan Youth Award, Jordan,2000.

2-First Award for the best environmental bench scale for the manufacturing of Zeolite from Ash content, and used for water treatment from heavy metals, March/2002, Environmental Design Content, Collage of Engineering, United Arab Emirates (UAE), (Advisors: Dr. Abdulaziz Khlaifat & Dr. Reyad Shawabkeh).

3-Second Award for manufacturing of Activated Carbon from Spent Lubricating Oil, used for water treatment from heavy metals, March/2002, Environmental Design Contest, Collage of Engineering, United Arab Emirates (UAE), (Advisors: Dr. Abdulaziz Khlaifat & Dr. Reyad Shawabkeh).

4-Second Award for Sour Gas Treatment, May/2004, Environmental Design Contest, Collage of Engineering, United Arab Emirates (UAE), (Advisor: Dr. Reyad Shawabkeh).

5- Creativity Award, for environmental industries, 2005, Jordan.

Training Courses

1- Computer skills (ICDL Certificate)

2- SPSS

3- Ground water modeling

4- Statistical Hydrology for Hydraulic Structures

5- Photoshop

6- Desalination by reverse osmosis.

7- E-Learning: Concepts, Tools and Development, Porto- Portugal, Nov. 2019. Erasmus+ Programme (Capacity-Building projects in the field of Higher Education (E+CBHE)).

Professional Memberships

Member of Jordanian Engineers Association since July 2002

Member of Environmental Jordanian Association, Since 2003

Member of the Council of the Jordanian Engineers Association - Al-Karak Branch (2011-2014)

Member of the International Humic Substances Society, Since 2018.
