

# RANA ALMOMANI

## E-Mail:

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## Address:

Aqaba, Jordan

## Research Interest

- Environmental science (focusing on water conservation, water quality, and pollution)
- Natural product formulation.

## Skills

- Microsoft Office
- Laboratory Technique and Skills

## Languages

Arabic – Mother tongue

English – Advanced

## Experience

### Lecturer of Chemistry - The University of Jordan, Aqaba - Jordan. 09/2013 to present.

- Courses Taught: General Chemistry1, Organic Chemistry, Chemistry labs, Analytical chemistry labs.

## Education

### Master's degree in Chemistry Science

Yarmouk University, Faculty of Science, Chemistry Department (June- 2011)

### Bachelor's degree in Applied Chemistry science

Jordan University of Science and Technology, Faculty of Science, Applied Chemistry Department (June – 2006)

## Publications

- 1- TREATED WASTEWATER USES IN IRRIGATION CONSERVE WATER IN THE WORLD'S SECOND WATER-POOREST COUNTRY, JORDAN- (accepted by Fresenius Environmental Bulletin (2016).
- 2- LEVELS OF HEAVY METALS IN FISHES (*Cheilinus trilobatus*) FROM THE GULF OF AQABA, JORDAN( accepted by Natural Science (2016).
- 3- DETERMINATION OF SELECTED ELEMENT CONCENTRATIONS IN DRINKING WATER FROM AQABA CITY, JORDAN 2018
- 4- Formulation and evaluation of herbal antioxidant face cream using extract of the marine seaweed *Sargassum* spp. (Phaeophyceae) 2022

## Training skills and workshops

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- Academic Staff Development Workshop 2013
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- Risk assessment analysis on offshore platforms in south east Mediterranean 2015
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- Advanced SPSS Report workshop 2016
- SPSS Report workshop 2016
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- Academic website Workshop 2016
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- Workshop for discussing a draft for seawater quality at artificial lagoons 2017
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- Friends of the environment workshop: 2018
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- Course on Using the Moodle Platform for Assessment: 2021
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- Course on Using Microsoft Teams for E-Learning: 2021
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- Designing Effective E-Learning:2021
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- Workshop on Using the Examination System:2020
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- E-Learning Workshop:2020
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- Workshop on Using Microsoft Teams and Juexam:2020
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- Creating Interactive Content Using H5P Tools: 2024
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- Learning Outcomes workshop 2024
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- Using Course Files workshop:2024
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- Intellectual Property in Educational Content Design: 2024

## Administrative Tasks:

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- Member of the Student Election Committee for the Faculty of Marine Sciences: 2017-2018 and 2018-2019
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- Scientific Committee in the Faculty of basic and marine sciences and Organized the Scientific Day for the College: 2019 – 2020
- Committee for the Development of the Bachelor of Medical Laboratory and Analysis Program and Prepared the study plan for the program: 2019-2020
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- Examinations Committee for the Faculty of basic and marine sciences : 2022-2023 and 2023-2024
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- Liaison Officer for the LM-System Examination System: 2021 -2022
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- Liaison Officer for E-Learning and Blended Learning for the College: 2020-2021
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- Secretary of the Joint Departments Council: 2012 – 2025
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- Secretary of the Faculty of basic and marine sciences Council: 2024 – 2025