

Sultanh Saud Almesned

Assistant Professor at Majmaah University

Expert in institutional innovation management, creative solutions, and entrepreneurship.
Certified sustainability professional – Expert in Sustainable Development Goals (SDGs)

CONTACT

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Saudi Arabia

EDUCATION

2008

Bachelor's degree in chemistry

Excellent degree with first honors
from Princess Nourah University.

2016

Master's degree in Education
curriculum and instruction of Science

Excellent degree, Qassim University.

2022

Doctor of Education curriculum and
instruction Of Science

Excellent degree, Qassim University.

PROFESSIONAL EXPERIENCES

- Certified trainer from the Ministry of Education.
- Certified trainer from Technical and Vocational.
- Training Corporation Certified Canadian Academy Development & Training.

LANGUAGES

Arabic - English

SKILLS

- Innovation Management
- Entrepreneurship Ecosystem Development
- Design Thinking
- Startup Development
- Business Model Innovation
- Investor Pitching
- Hackathon Management
- Strategic Planning
- IT Innovation
- Emerging Technologies
- Digital Transformation
- Startup Acceleration
- Prototyping
- Technology Management
- Smart Solutions
- Business Incubation
- Training Program & Curriculum Design

SUMMARY

I hold a PhD in Teaching Methods and Curriculum Development with a specialization in science education. My professional experience encompasses curriculum design, policy development, and fostering innovation in educational institutions. I have contributed to the development of numerous policies, regulations, and operational frameworks that enhance institutional efficiency and align with national priorities.

Beyond the academic field, I have established centers and initiatives dedicated to supporting innovation and entrepreneurship, including the development of strategic plans, operational frameworks, and training programs aimed at empowering individuals and institutions to achieve excellence. I am deeply committed to advancing research, development, and innovation through impactful projects and collaborative efforts that drive tangible change.

PRACTICAL EXPERIENCES

2009 -2011	Teaching Assistant at Majmaah University, Faculty of Education, department of Chemistry.
2011 -2016	Teaching Assistant at Majmaah University, Faculty of Education Department of Educational Sciences.
2017 -2021	Lecturer at Majmaah University, College of Education Department of Educational Sciences.
2022 - PRESENT	Assistant Professor at Majmaah University, College of Education Department of Educational Sciences.
2022 - PRESENT	Assistant Director of the Center for Innovation and Entrepreneurship at Majmaah University.
2024 - PRESENT	Director General of the General Administration of Libraries and Knowledge Resources

INNOVATION & ENTREPRENEURSHIP LEADERSHIP

Designed and delivered professional training programs in:

- Design Thinking
- Investor Pitching & Presentation Skills
- Business Model Development (Business Model Canvas)
- Developed and implemented innovation training packages for university students and entrepreneurs (2022–2024)

Led and managed major innovation hackathons:

- Innovation & Sustainability Hackathon – Majmaah University
- World Cup Hackathon – Majmaah University
- Digital & Open Innovation Hackathon – K.A.CARE
- Evaluated and judged national innovation and entrepreneurship competitions

Represented innovation projects internationally:

- Korea International Invention Exhibition 2024
- Geneva International Exhibition of Inventions 2024–2026

SCIENTIFIC COMMITTEES

2024 - PRESENT	• Member of the Permanent Committee for Innovation and Entrepreneurship.
2024 - PRESENT	• Member of the Intellectual Property Protection Unit at The Vice-Rector's Office for Graduate Studies and Scientific Research.
2024 - PRESENT	• Member of the Preparatory Committee for the Scientific Council at Majma'ah University.
2024 - PRESENT	• Member of the Academic Interviews Committee.
2024 - PRESENT	• Member of the Student Violations Committee at Majma'ah University.
2022 - PRESENT	• Member of the Intellectual Awareness Committee.

PUBLISHED RESEARCH

Master's	Evaluation of Health Promoting Schools Program in general Education from the viewpoint of program supervisors and science teachers.
PhD	A Professional program based on integration between TPACK Model and 21century skills to improve teaching performance of science teachers
Published Research	Suleman, N; Mohammad, I; Almesned, S; Aljaghwan, A. Measurements of Some Trace Elements in Street Dust in Zulfi Province at Saudi Arabia Using Inductively Coupled Plasma-Mass Spectrometer. World Environment, 2(6), 2012. Suleman, N; Mohammad, I; Almesned, S; Aljaghwan, A. Some Trace Elements in Zulfi Streets Dust. American Journal of Chemistry, 3(1), 2013. Almesned, S. Secondary sciences teachers' attitude towards the Nanotechnology. King Khalid University Journal, 2019. Almesned, S. The level of the science books in Saudi Arabia in the areas of sustainable development. King Saud University Journal, 2020. Almesned, S. Effectiveness of a Training Program Based on The Next Generation Science Standards (NGSS) In Developing Teaching Skills of Science. King Khalid University Journal, 9, 2022. Almutairi, A., Albagami, N., Almesned, S., Alrumayh, O., & Malik, H. A novel optimal framework for scheduling rooftop solar home appliances considering electricity, real pricing and user comfort. Solar Energy, 262, 111876, 2023. Almutairi, A., Albagami, N., Almesned, S., Alrumayh, O., & Malik, H. Electric Vehicle Load Estimation at Home and Workplace in Saudi Arabia for Grid Planners and Policy Makers. Sustainability, 15(22), 15878, 2023. Almutairi, A., Albagami, N., Almesned, S., Alrumayh, O., & Malik, H. Optimal Management of Electric Vehicle Charging Loads for Enhanced Sustainability in Shared Residential Buildings. Frontiers in Energy Research, 12, 1396899, 2024. Almesned, S., (2025). Training practices for artificial intelligence applications among high school chemistry teachers. Journal of the Faculty of Education – Menoufia University, 2(1). Almesned, S., (2025). The effectiveness of a teaching program based on mind maps in developing self-efficacy among third-grade middle school students in the science curriculum. Islamic University Journal for Educational and Social Sciences, 23. Almesned, S., (2026, April 16). Science teachers' awareness of sustainable development domains in teaching. Paper to be presented at the 4th Annual International Conference on Modern Trends in Educational Sciences. University Of Hail.

PARTICIPATES AND CONTRIBUTIONS

- Preparing several training packages and conducting workshops in the field of innovation and entrepreneurship (2022-2024).
- Representing the university as a leader in innovation and entrepreneurship to various entities (Ministry of Education, Research, Development and Innovation Authority, Monsha'at) (2022-2024).
- Managing the initiative to support student participation in the Transportation Hackathon organized by the General Authority for Transport (2023).
- Managing the initiative to support student participation in the Health Hackathon organized by King Saud University for Health Sciences (2023).
- General supervision of the Innovation and Sustainability Hackathon organized by Al-Majma'ah University, resulting in the graduation of more than fifty projects (2023).
- Supervising the initiative to support talented female students in the Education Department to participate in the National Olympiad for Creativity (2023-2024).
- Participation in judging the National Olympiad for Creativity. (2023-2024)
- Participation in judging the Al-Majma'ah University President's Award for Excellence. (2022-2023)
- Participation in judging the Prince Faisal bin Bandar bin Abdulaziz Award for Excellence and Innovation. (2023)

PREPARATION AND AUTHORSHIP

- Innovators and Entrepreneurs Guide
- Investment Opportunities in Electronic Sports Games
- Methodology of Hackathon and Innovation Competition Stages in Universities
- Criteria for Evaluating Innovations and Entrepreneurial Projects
- Development of training manuals and toolkits for: Design Thinking- Startup Pitching- Business Model Innovation

POLICIES AND REGULATIONS

- General Regulations for Libraries and Knowledge Resources.
- General Regulations for Training and Scholarships.
- Executive Rules for the Innovation and Entrepreneurship Center.
- Operational Plan for Libraries and Knowledge Resources.
- Introductory, Organizational, and Procedural Manuals for Libraries and Knowledge Resources..
- Introductory, Organizational, and Procedural Manuals for the Innovation and Entrepreneurship Center.
- Unified Regulations for Graduate Studies
- Operational plan for the Innovation and Entrepreneurship Center at Majmaah University.
- Scientific Research Ethics Guide.