

Khalid Ben Sauod

Lecturer & Mechanical Engineer

A committed engineer and lecturer with several years of experience a Malaysian and Libyan academic institutions, teaching students from various social and cultural backgrounds. Possessing excellent administrative, verbal communication and written skills along with constructive and effective teaching methods that enhance a stimulating learning environment. Able to work in a managerial role or as part of team and having the proven ability to successfully work to tight schedules and deadlines. Currently looking for suitable academic opportunities in universities or colleges of further education.

Experience

- **Sep-2018- present**
Senior Lecturer in the Maritime Technology Department, at Universiti Malaysia Terengganu (UMT), Kuala Terengganu, Malaysia
- **2015-Oct – 2016-Dec**
Assistant Lecturer in the Mechanical Engineering Department, at Omar Al-Mukhtar University, Al-Bayda, Libya.
- **2005-May – 2008-Feb**
Demonstrator in the Mechanical Engineering Department, at Omar Al-Mukhtar University, Al-Bayda, Libya.
- **2004- Jan – 2005 May**
Head of the Technical Affairs Department of The Sea Water Desalination Plant, General Electricity Company of Libya.
- **2000- Nov – 2003- Jul**
Marine engineer (as officer engineer on shipboard) at The Libyan-Spanish company Valletta, Malta, and Las Palmas, Spain.

Education

- **PhD. in Mechanical Engineering**, Razak School of Engineering and Advanced Technology, Universiti Teknologi Malaysia (UTM), Kuala Lumpur, Malaysia, 2018.



Personal Info

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Date of birth: 1976-01-09

Nationality: Libyan

Marriage status: Married

LinkedIn

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Skills

Communication, Ability to Work Under Pressure, Decision Making, Time Management, Self-motivation, Conflict Resolution, Leadership, Adaptability, Teamwork, and Creativity.

- **Master in Manufacturing Systems Engineering**, Faculty of Engineering, Mechanical and Manufacturing Engineering Department, Universiti Putra Malaysia (UPM), Serdang, Malaysia, 2010.
- **Bachelor in Maritime Engineering Technology**, faculty of Marine Engineering, Academy of Maritime Studies, Tripoli, Libya, 2000.
- **Certificate of Competency (CoC)** as Third Marine Engineer officer that issued by Libyan Ports and Maritime Transport Authority, No. 30196, dated 16/12/2000, Tripoli, Libya.

Awards

- First degree award for B. Sc. graduation from Academy of Maritime Studies, Tripoli, Libya. 2000.
- Scholarship to study M. Sc. In Manufacturing Engineering 2008.
- Scholarship to study PhD. in Mechanical Engineering, 2011.

Areas of Interest

- Research in the field of Maritime engineering Technology.
- Research in the field of Renewable Energy Technologies.
- Research in the field of Renewable Energy Deployment.
- Research in the field of Energy Conservation.
- Research in the field of Energy Management.
- Research in the field of Energy policies.

Courses Taught

- Marine Engineering Systems.
- Power Plants & Ships Machinery.
- Automation & Marine Control Systems
- Renewable energies.
- Internal combustion engines.
- Physics.
- Workshops.

Courses Studied

- Research Methodology.
- Research tools.
- DOE Software.
- Any Casting Software.
- Advanced manufacturing processes.

- *Total Quality Management.*
- *Safety and health management.*
- *Project management.*
- *Operation Management.*
- *Pumps.*
- *Materials.*
- *Shipbuilding.*
- *Marine Engines.*
- *Auxiliary machines.*
- *Gas and steam turbines.*
- *Heat transfer.*
- *Thermodynamics.*
- *Conditioning and cooling.*

References

Associate Prof. Dr. Astuty Amrin

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Associate Prof. Dr. Khairur Rijal Jamaludin

Deputy Dean of Academic & Students
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My Teaching Philosophy Statement

My desire to teach mechanical engineering at the University level originated during my undergraduate and postgraduate education at both Academy of Maritime Studies, UPM and UTM Universities, interactions with my knowledgeable, enthusiastic academia are what motivated me to pursue teaching as part of my career. Especially, after acquired my Master degrees, I have been involved in providing teaching and workshop classes for undergraduate students at Omar Al-mukhtar University, in addition to UTM University during my PhD studies. These experiences have been critical in enabling me to develop goals for student learning, to explore various teaching methods, and to examine means for evaluating student learning.

As an engineering teaching assistant, I aim to instill in my students an appreciation for the field of mechanical engineering by having them connect it to their own lives. Regardless of the specific subdiscipline I am teaching, I encourage my students to construct a framework of key vocabulary and concepts, which they can then use in related courses, their future professions, or their daily lives. It is essential that my students learn the value of the scientific method in advancing science and that they develop their own critical-thinking skills by asking scientific

questions, formulating hypotheses, and designing experiments. To further develop these skills, they must also learn to critique the scientific work of others. I realize that all students are

different in terms of their background, abilities, interests, and career goals, and I eagerly cater to this diversity, but for a student to benefit most from the mechanical engineering courses I teach, these fundamental objectives should be met.

To familiarize my students with the scientific method, I introduce the steps involved in this process at the beginning of the semester and, by discussing relevant influential studies, note

the value it has had in advancing scientific knowledge in the subdiscipline I am teaching. I give the students the opportunity to ask and address their own scientific questions by having them write papers in which they utilize the scientific method. These papers are completed in small groups to promote collaboration among people with diverse perspectives.

I use various means of assessment in class to determine whether my learning objectives are being met. I gauge student interest and appreciation of the subject just by the level of participation and energy students convey.

Publications

- ***The Energy Impacts of Using Top-Light Daylighting Systems for Academic Buildings in Tropical Climate.***
World Academy of Science, Engineering and Technology, International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering. (Vol:6 No. 09, 2012)
- ***Barriers Inhibiting the Deployment of Wind Energy in General.***
International Journal of Science technology and management. (IJSTM, Vol.6, Issue No. 08, August 2017).
- ***Integrated Framework to Enhance the Deployment of Wind Energy in Libya.***
International Journal of Science and Research (IJSR. Volume 6, Issue 11, November 2017. ISSN (Online): 2319-7064. Pages: 1009- 1013)
- ***Critical Barriers that Prevent the Deployment of Wind Energy in Libya.***
- ***Integrated Framework to Enhance the Deployment of Wind Energy in Libya.***
14th International Conference on Energy and Materials Research December 06-07, 2017 Dallas, USA. (J Material Sci Eng 2017, 6:10 (Suppl) DOI: 10.4172/2169-0022-C1-089, ISSN: 2169-0022)