



TAHA MUBARAK ALSAADI

ASSISTANT PROFESSOR

PROFILE

I am an Assistant Professor in the Electrical and Computer Engineering (ECE) Department at Sultan Qaboos University, Oman. My expertise spans control systems, instrumentation, and automation, with a strong focus on bridging academia and industry. I am involved in advanced research, including modelling and control of additive manufacturing and applying AI in various applications. As co-founder of Tathcar Alsaba Printing Press, I have practical experience in entrepreneurship. My passion lies in fostering innovation and preparing students for real-world challenges in education and industry.

WORK EXPERIENCE

Sultan Qaboos University

2024 - PRESENT

Assistant Professor

- Develop innovative educational strategies aligned with departmental objectives and advances in electrical engineering.
- Lead and guide research teams and student groups to foster a collaborative learning environment.
- Promote cutting-edge research and technological advancements within academic and professional communities.

Sultan Qaboos University

2016-2024

Lecturer

- Deliver engaging, high-quality lectures aligned with the curriculum.
- Supervise and manage laboratory sessions, ensuring an effective learning environment for students.
- Mentor and supervise final-year student projects to ensure the required learning objectives.

Sultan Qaboos University

2013-2016

Demonstrator

- Assist in conducting lab sessions to ensure student understanding and safety.
- Prepare lab materials, equipment, and demos for teaching sessions to support academic staff.
- Help students understand assignments and coursework by providing extra clarification and feedback as needed.

SOCIAL AND PROFESSIONAL ENGAGEMENT

- Member Institute of Electrical and Electronics Engineers organization (IEEE).
- Participating in Smart and Sustainable Cities: Towards Sustainable Green Building discussion panel (Oman, Muscat).
- Speech on 3D printing the gate of customization (UK, Sheffield).
- Lecture to postgraduates about research (Qatar, QNL).
- The Co-founder of Tathcar Alsaba Printing press. (Oman, Seeb).

RESEARCHES AND PROJECTS:

- Modelling and control in Additive manufacturing processes.
- AI- application in industry and health application.
- Unmanned system: applications and control system.

CONTACT

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Oman

EDUCATION

2020-2024

THE UNIVERSITY OF
SHEFFIELD, UK

- Ph.D., Advanced Control And System Engineering

2015-2016

THE UNIVERSITY OF
SHEFFIELD, UK

- M.Sc , Advanced Control And System Engineering, (Distinction).

2008-2013

SULTAN QABOOS
UNIVERSITY, OMAN

- B.Sc in Electrical & Electronics Engineering (Communication and Signal Processing Engineering),(GPA=3.23/4).

SKILLS

- Computer skills
- Administrative Skills
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

LANGUAGES

- English (Fluent)