



College of Science



Myo Tay Zar Myint

Associate Professor

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QUALIFICATION

SPECIALIZATION:

- **PhD in** :
Nanotechnology

Asian Institute of Technology

- **Master's in** :
Microelectronics

Asian Institute of Technology

PROFILE (Short-Bio: Max-100 words)

I'm an academician in Physics with over 15 years of innovative research in Nanotechnology applications. I have authored more than 100 research articles, 3 book chapters, and the successful acquisition of 3 granted patents, complemented by 2 additional patent applications.

WORK EXPERIENCE

- **2024 - Present**
Associate Professor
Department of Physics, College of Science
Sultan Qaboos University, Oman
- **2015 – 2024**
Laboratory Applications Specialist
Department of Physics, College of Science
Sultan Qaboos University, Oman
- **2013 – 2015**
Post-doctoral fellow
Chair in Nanotechnology, Water Research Center
Sultan Qaboos University, Oman
- **2012 – 2013**
Senior Research Assistant
Chair in Nanotechnology, Water Research Center
Sultan Qaboos University, Oman
- **2008 – 2009**
Research Associate
Center of Excellence in Nanotechnology, Asian Institute of Technology
Bangkok, Thailand

RESEARCH INTERESTS

- I conduct research on nanomaterials, encompassing their synthesis, fabrication, and characterization, with a focus on their use in capacitive deionization, sensors, catalysis, and surface wetting.