

Welcome to KFUPM

Dr. Omar Alkhazragi

Assistant Professor

Electrical Engineering Department

Affiliated with Interdisciplinary Research Center for Communication Systems and Sensing



Education:

Ph.D. from KAUST,
Saudi Arabia, 2023

Previous Institution:

University of Michigan,
Ann Arbor, MI, USA
Postdoc, 2024–2025

Research Profile (SCOPUS):

Total Citations: **1,619**
Total Journal Publications: **65**
H-index: **24**

Professional Interests:

Integrated Photonics, Optoelectronics,
Semiconductor Lasers, Optical Wireless
Communication, Neuromorphic Photonics

About Dr. Alkhazragi:

Before joining KFUPM, Dr. Omar was a postdoctoral research fellow working in the Large-Scale Integrated Photonics lab at the University of Michigan–Ann Arbor. He received his Ph.D. in electrical and computer engineering from King Abdullah University of Science and Technology (KAUST), Saudi Arabia, in 2023. His research interest is in the design and fabrication of multi-functional semiconductor optoelectronic devices, with a focus on lasers, for emerging applications, including AI acceleration, neuromorphic computing, and quantum applications.