

Welcome to KFUPM

Dr. Tarig Ballal Khidir Ahmed

Assistant Professor

Aerospace Engineering

Affiliated with Interdisciplinary Research Center for Aviation and Space Exploration



Education:

PhD from University College
Dublin, Ireland, 2011

Previous Employer:

KAUST, KSA,
Research Scientist
2016 to 2025

Research Profile (SCOPUS):

Total Citations: **1,068**

Total Journal Publications: **33**

H-index: **16**

Professional Interests:

Global Navigation Satellite Systems (GNSS);
Positioning, Navigation, and Timing (PNT); Low
Earth Orbit (LEO) PNT & communications; PNT
security; signal processing for aerospace systems

About Dr. Ahmed :

Dr. Tariq received his Ph.D. from University College Dublin, Ireland, in 2011. From 2011 to July 2012, he worked as a Research Engineer at ResMed Sensor Technologies in Dublin. In 2012, he joined King Abdullah University of Science and Technology (KAUST), Thuwal, Saudi Arabia, where he served as a Research Scientist until September 2025. His current research interests include Global Navigation Satellite Systems (GNSS); Positioning, Navigation, and Timing (PNT); Low Earth Orbit (LEO) PNT and communications; PNT security; and signal processing for aerospace systems.