

Welcome to KFUPM

# Dr. Mohamed Bakr

Visiting Professor

Electrical Engineering Department

Affiliated with Interdisciplinary Research Center for Communication & System Sensing



## Education:

PhD. from McMaster University,  
Hamilton, Ontario, Canada, 2000

## Previous Institution:

McMaster University,  
Canada, Professor;  
2013-

## Research Profile (SCOPUS):

Total Citations: **1750**

Total Journal Publications: **92**

H-index: **23**

## Professional Interests:

Efficient Optimization of low and high frequency structures, sensors, metasurfaces; Unmanned Aerial Vehicles (UAVs); Virtual Reality; Applications of Artificial Intelligence

## About Dr. Bakr:

Dr. Bakr's research focuses on advanced optimization methods and computational electromagnetics, with a strong focus on computer-aided design and modeling of microwave circuits, photonic devices, power circuits, and electric motors. He has produced hundreds of publications and multiple books and patents. He is a recipient of several awards including the President's Award for Excellence in Teaching and Learning.