

# Amir Fahad Malik

Defence Faculty  
College of Aeronautical Engineering

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## About

Dr. Amir Fahad Malik is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Amir Fahad Malik has published 2 research articles & conference papers, carried out 1 projects and filed 0 intellectual property.

## Qualifications

<b>MS in Photonics</b> Air University , Pakistan	2018 - 2020
<b>BE in Avionics</b> NUST, Islamabad , Pakistan	2009 - 2013

## Experience

<b>Defence Faculty</b> College of Aeronautical Engineering	2022- Present
<b>Defence Faculty</b> College of Aeronautical Engineering	2020 - 2022
<b>Asst Prof</b> CAE , College of Aeronautical Engineering, Risalpur	2020 - 2020
<b>Engg Officer D-Level Repair</b> ,	2016 - 2018
<b>Engineering Officer Comms</b> ,	2014 - 2016

## Professional Memberships

<b>PEC</b>	Since 2013
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## Research Projects

<b>National Projects</b>	
<b>Algorithm Development for Localization using Time Difference of Arrival and its Hardware Implementation</b>	2021
<b>Funding Agency:</b> IGNITE	
<b>Amount:</b> PKR N/A	
<b>Status:</b> Completed	

## International Projects

### Compact passive photonic filter using an MZI

2020

*M. Favad Qadir Fahad Malik A. Hussain W. Tahir M. Zakwan*

*Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series, res.country(233,)*

**Citations:** N/A

**DOI:** <https://doi.org/10.1117/12.2544693>

### A compact structure for realizing electromagnetically induced transparency in a microring resonator

2020

*Fahad Malik M. Favad Qadir A. Hussain W. Tahir M. Zakwan*

*Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series, res.country(233,)*

**Citations:** N/A

**DOI:** <https://doi.org/10.1117/12.2544682>