

# Imran Abbasi

Defence Faculty

College of Aeronautical Engineering

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## About

Dr. Imran Abbasi is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Imran Abbasi has a PhD in Embedded Systems. Dr. Imran Abbasi has published 4 research articles & conference papers having a citation count of 19, carried out 1 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Embedded Systems</b> NUST, Islamabad , Pakistan	2015 - 2019
<b>MS in Information Security</b> NUST, Islamabad , Pakistan	2009 - 2011
<b>BE in Aeronautical Engineering</b> NUST, Islamabad , Pakistan	1998 - 2002

## Experience

<b>Defence Faculty</b> College of Aeronautical Engineering	2022- Present
<b>Defence Faculty</b> College of Aeronautical Engineering	2019 - 2022
<b>Research Engineer</b> PAF , PAF	1998 - 2019

## Awards

<b>HEC Scholarship</b> HEC IRSIP 2017-2018	2017
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## Professional Memberships

<b>PEC</b>	Since 2019
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## Research Projects

### National Projects

<b>Development of Infrared Thermographic System for Remote Monitoring of Temperature</b> Funding Agency: IGNITE Amount: PKR N/A Status: Completed	2021
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### International Projects

## Research Articles

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### Effect of Ni3Al Coating on Vibration Suppression of Beams of Various Thicknesses

2021

*Hasan Aftab Saeed Shoaib Nadeem Imran Aziz Khalid Mahmood*

*Key Engineering Materials*, Volume 875, Pages 294-301

**Impact Factor:** N/A

**DOI:** <https://doi.org/10.4028/www.scientific.net/KEM.875.294>

### Using gate-level side channel parameters for formally analyzing vulnerabilities in integrated circuits

2019

*Imran Hafeez Abbasi F. K. Lodhi Osman Hasan A. Kamboh*

*Science of Computer Programming*, Volume 171, Pages 42-66

**Impact Factor:** 0.775 | **Quartile:** 4 | **Citations:** 8

**DOI:** [10.1016/j.scico.2018.11.001](https://doi.org/10.1016/j.scico.2018.11.001)

### McSeVIC: A Model Checking Based Framework for Security Vulnerability Analysis of Integrated Circuits

2018

*Imran Hafeez Abbasi Awais Mehmood Kamboh Osman Hasan Faiq Khalid Muhammad Shafique*

*IEEE Access*, Volume 6, Pages 32240-32257

**Impact Factor:** 4.098 | **Quartile:** 1 | **Citations:** 11

**DOI:** [10.1109/ACCESS.2018.2846583](https://doi.org/10.1109/ACCESS.2018.2846583)

## Conference Proceedings

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### Bi-layered Chiral Metasurface with Angularly Stable Asymmetric Transmission

2023

*Quratulain Adnan Nadeem Imran Hafeez Abbasi Noshawan Shoaib Antonis Papadakis Photos Vryonides Symeon Nikolaou*

*2023 Asia-Pacific Microwave Conference (APMC)*, res.country(227,)

**Citations:** N/A

**DOI:** [10.1109/APMC57107.2023.10439859](https://doi.org/10.1109/APMC57107.2023.10439859)