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About

Dr. Usman Mehmood Malik is working as Defence Faculty in the Military College of Signals. Dr. Usman Mehmood Malik has a PhD in Electrical Engineering. Dr. Usman Mehmood Malik has published 6 research articles & conference papers having a citation count of 48, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical Engineering   2020 - 2023
COMSATS Institute of Information Technology, Islamabad , Pakistan

MS in System Engineering   2014 - 2016
NUST, Islamabad , Pakistan

BS in Electrical Engg   1997 - 2000
BSE, Karachi , pakistan (Duplicate)

Experience

Defence Faculty   2022- Present
Military College of Signals

Assoc Prof in Practice   2016 - 2022
MCS , MCS Rawalpindi

Research Articles

Reliable Task Offloading for 6G-Based IoT Applications   2025

Usman Mehmood Malik Muhammad Awais Javed Mohammed Alkhathami Ahmad Naseem Alvi

Computers, Materials & Continua , Volume:82, Issue:2, Pages 2255-2274

On the Partial Offloading to Multiple Helpers-Based Task Offloading for IoT Networks   2024

Usman Mehmood Malik Muhammad Awais Javed Abdulaziz AlMohimeed Mohammed Alkhathami Abeer Almujalli

IEEE Access , Volume 12, Pages 123843-123855

A many-to-many matching with externalities solution for parallel task offloading in IoT networks   2024

Usman Mehmood Malik Muhammad Awais Javed Abdulaziz AlMohimeed Mohammed Alkhathami Deafallah Alsadie Abeer Almujalli

Journal of King Saud University - Computer and Information Sciences, Volume 36, Issue 7, Article Number 102134

Ambient Intelligence assisted fog computing for industrial IoT applications   2022

Usman Mehmood Malik Muhammad Awais Javed

Computer Communications , Volume 196, Pages 117-128

SMRETO: Stable Matching for Reliable and Efficient Task Offloading in Fog-Enabled IoT Networks   2022

Usman Mehmood Malik Muhammad Awais Javed Jaroslav Frnda Jan Nedoma

IEEE Access , Volume 10, Pages 111579-111590

Efficient Matching-Based Parallel Task Offloading in IoT Networks   2022

Usman Mehmood Malik Muhammad Awais Javed Jaroslav Frnda Jan Rozhon Wali Ullah Khan

Sensors , Volume 22, Issue 18, Article Number 6906