Shahid Ismail

Assistant Professor

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About

Dr. Shahid Ismail is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Shahid Ismail has a PhD in Electrical Engineering. Dr. Shahid Ismail has published 8 research articles & conference papers having a citation count of 261, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical Engineering   2014 - 2021
  Bahria University , Pakistan

MSc in Information Communication Engineering   2005 - 2009
  Technische Universität Darmstadt , Germany

BSc in Electrical Engineering   1998 - 2002
  UET Taxila , Pakistan

Experience

Assistant Professor   2024- Present
  College of Electrical & Mechanical Engineering

Post doctoral Fellowship   2022 - 2023
  Universidad del Atlanticomedio, Spain , Las Palmas de Gran Canaria, Spain

Lecturer   2021 - 2022
  NUML , Rawalpindi

Assistant Professor   2015 - 2021
  APCOMS , Rawalpindi

Lecturer   2010 - 2015
  APCOMS , Rawalpindi

Research Articles

Deep learning for lameness level detection in dairy cows   2025

Shahid Ismail Moises Diaz Miguel Angel Ferrer

Engineering Applications of Artificial Intelligence , Volume:151, Article Number 110611

Impact Factor: 7.500 | **Quartile:** 1

DOI: https://doi.org/10.1016/j.engappai.2025.110611

Exploring Bengali handwriting as a tool for classifying children's age groups   2025

Shahid Ismail Moises Diaz Belen E. Aleman Miguel Angel Ferrer

Multimedia Tools and Applications , Pages 1-25

Impact Factor: N/A

DOI: https://doi.org/10.1007/s11042-025-20977-x

CowScreeningDB: A public benchmark database for lameness detection in dairy cows   2024

Shahid Ismail Moises Diaz Cristina Carmona-Duarte Jose Manuel Vilar Miguel A. Ferrer

Computers and electronics in agriculture , Volume 216, Article Number 108500

Impact Factor: 7.700 | **Quartile:** 1 | **Citations:** 5

DOI: https://doi.org/10.1016/j.compag.2023.108500

PCG classification through spectrogram using transfer learning   2023

Shahid Ismail Basit Ismail Imran Siddiqi Muhammad Usman Akram

Biomedical Signal Processing and Control , Volume 79, Part 1, Article Number 104075

Impact Factor: 5.076 | **Quartile:** 2 | **Citations:** 41

DOI: https://doi.org/10.1016/j.bspc.2022.104075

Heart rate estimation in PPG signals using Convolutional-Recurrent Regressor   2022

Shahid Ismail Imran Siddiqui Muhammad Usman Akram

Computers in Biology and Medicine , Volume 145, Article Number 105470

Impact Factor: 6.698 | **Quartile:** 1 | **Citations:** 27

DOI: https://doi.org/10.1016/j.compbiomed.2022.105470

Heart rate tracking in Photoplethysmography signals affected by motion artifacts: A review   2021

Shahid Ismail Imran Siddiqi Muhammad Usman Akram

EURASIP Journal on Advances in Signal Processing, Volume 2021, Article Number 5

Impact Factor: 1.630 | **Quartile:** 3 | **Citations:** 71

DOI: https://doi.org/10.1186/s13634-020-00714-2

Localization and classification of heartbeats using robust adaptive algorithm   2019

Shahid Ismail Malik Imran Siddiqi Muhammad Usman Akram

Biomedical Signal Processing and Control , Volume: 49 Pages: 57-77

Impact Factor: 3.137 | **Quartile:** 2 | **Citations:** 22

DOI: 10.1016/j.bspc.2018.11.003

Localization and classification of heart beats in phonocardiography signals ? a comprehensive review   2018

Shahid Ismail Imran Siddiqi Muhammad Usman Akram

EURASIP Journal on Advances in Signal Processing, Vol:2018, Article number: 26

Impact Factor: 1.749 | **Quartile:** 3 | **Citations:** 95

DOI: https://doi.org/10.1186/s13634-018-0545-9