

# Mahmood Anwar Khan

Consultant

College of Electrical & Mechanical Engineering

Email: makhan267@gmail.com

Contact:

LinkedIn: None



## About

Dr. Mahmood Anwar Khan is working as Consultant in the College of Electrical & Mechanical Engineering. Dr. Mahmood Anwar Khan has a PhD in Robotics. Dr. Mahmood Anwar Khan has published 7 research articles & conference papers having a citation count of 14, carried out 2 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Robotics</b> University of Salford , England	1992 - 1996
<b>MSc in Mechanical Engineering</b> UET Lahore , Pakistan	1986 - 1990
<b>BS in Mechanical Engineering</b> University of Texas at Arlington , Pakistan	1977 - 1981

## Experience

<b>Consultant</b> College of Electrical & Mechanical Engineering	2021- Present
<b>Consultant</b> College of Electrical & Mechanical Engineering	2020 - 2021
<b>Regular Visiting Faculty</b> College of Electrical & Mechanical Engineering	2020 - 2020
<b>Regular Visiting Faculty</b> College of Electrical & Mechanical Engineering	2015 - 2020
<b>TVF</b> NUST , NUST EME College Rwp	2015 - 2018
<b>Professor</b> EME College , College of EME (NUST)	1985 - 2015
<b>Design Engineer</b> Adapt Industries , California USA	1981 - 1985

## Research Projects

<b>National Projects</b>	
<b>Design, Fabrication of Force/Torque Sensor Using Stewarts Platform</b> Funding Agency: NUST Amount: PKR 227,000.00 Status: Completed	2008
<b>Medical Vital Signs Transmission and Tracking System</b> Funding Agency: HEC Amount: PKR 140,000.00 Status: Completed	2007
<b>International Projects</b>	

## Research Articles

### Tool Health Monitoring Using Airborne Acoustic Emission and Convolutional Neural Networks: A Deep

2021

#### Learning Approach

Khurram Kamal Tahir Abdul Hussain Ratlamwala Ghulam Hussain Muhammad Arslan Muhammad Fahad Sheikh Mahmood Anwar Khan Mohammed Alkahtani

*Applied Sciences* , Volume 11(6), Article Number 2734

**Impact Factor:** 2.838 | **Quartile:** 2 | **Citations:** 7

**DOI:** [https://doi.org/ 10.3390/app11062734](https://doi.org/10.3390/app11062734)

## Conference Proceedings

### Automated MACHine Tool Prognostics for Turning Operation using Acoustic Emission and Learning

2019

#### Vector Quantization.

M. Arslan Khurram Kamal M. Fahad Senthana Mathavan M A Khan

2019 5th International Conference on Control, Automation and Robotics (ICCAR), res.country(48,)

**Citations:** N/A

**DOI:** 10.1109/ICCAR.2019.8813739

### Automatic Inspection System using Machine Vision

2005

Mahmood Khan Umar Shahbaz Khan Javaid Iqbal

34th Applied Imagery and Pattern Recognition Workshop (AIPR'05), res.country(233,)

**Citations:** N/A

**DOI:** 10.1109/AIPR.2005.20

### Cross-Flow-Induced-Vibrations in Heat Exchanger Tube Bundles: A Review

2005

Zaffar Muhammad Khan Muhammad Afzaal Malik Zafarullah Koreshi Muhammad Akram Javaid Arshad Hussain Qureshi Luqman Ahmad Nizam Khawaja

Sajid Bashir Syed Zahid Hussain Khan, Mahmood Anwar

13th International Conference on the nuclear Engineering Beijing, res.country(48,)

**Citations:** N/A

**DOI:** 10.5772/35635

### Implementing ball Balancing Beam Using Digital Image Processing and Fuzzy Logic

2005

Javaid Iqbal Mehmood Anwar Khan Saadia Tarar Mariam Khan Zeasth Sabahat

Canadian Conference on Electrical and Computer Engineering, 2005, res.country(38,)

**Citations:** 7

**DOI:** 10.1109/CCECE.2005.1557434

### A Review of heat Exchanger Tube Bundle Vibrations in Two Phase Cross Flow

2003

Shahab Khushnood Zaffar M. Khan M. Afzaal Malik Zafar Ullah Koreshi Mahmood Anwar

11th International Conference on Nuclear Energy, res.country(113,)

**Citations:** N/A

**DOI:** 10.1016/j.nucengdes.2003.11.024

### Modeling Fluid Forces and Response of a Tube Bundle in Cross flow Induced Vibration

2003

Shahab Khushnood, Zaffar Muhammad Khan Muhammad Azaal Malik Zafarullah Koreshi Mahmood Anwar

11 th International Conference on the Nuclear Engineering, Tokyo Japan, res.country(113,)

**Citations:** N/A

**DOI:** 10.1299/jsmeicone.2003.64