



## **Dr. Wazir Muhammad**

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**Nationality:** Pakistani.  
**CNIC No.** 41306-5408281-1  
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**Home Address:** B NO C-3 Hyderabad Town, Phase-1, Qasimabad  
Hyderabad, Sindh, Pakistan.

### **EDUCATION:**

**PhD (Electrical Engineering) 9<sup>th</sup> August, 2019**

Chulalongkorn University Bangkok, Thailand.

**ME (Communication Systems & Networks) 4<sup>th</sup> April, 2008**

Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan.

**BE (Electrical Engineering) 12<sup>th</sup> July, 1999**

Mehran University of Engineering & Technology, Jamshoro, Sindh, Pakistan.

### **RESEARCH PUBLICATIONS**

- [1] Multi-scale Xception Based Depthwise Separable Convolution for Single Image Super-Resolution (*Under Review Process*).
- [2] Multi-path Deep CNN with Residual Inception Network for Single Image Super-Resolution (*Under Review Process*).
- [3] Muhammad, Wazir, Irfan Ullah, and Mohammad Ashfaq. "An Introduction to Deep Convolutional Neural Networks With Keras." In Machine Learning and Deep Learning in Real-Time Applications, pp. 231-272. IGI Global, 2020 (**Book Chapter**).
- [4] Muhammad, Wazir, and Supavadee Aramvith. "Multi-Scale Inception Based Super-Resolution Using Deep Learning Approach." Electronics 8, no. 8 (2019): 892.
- [5] Leghari, Bashir Ahmed, Syed Ali Raza Shah, Wazir Muhammad Leghari, Abdullah Mengal, and Mohammad Mushtaque. "Production of Bio Diesel Oil from Algae in Coastal Area of Balochistan-Pakistan".
- [6] Abbasi, Sikandar Ali, Wazir Muhammad Laghari, and Gul Muhammad Baloch. "The Importance Of Adopting Sustainable Practices & Community Participation In Power Projects." VFAST Transactions on Education and Social Sciences 8, no. 1 (2015).
- [7] Shah, Syed Ali Raza, Zahoor Ahmed, Bashir Ahmed Leghari, Wazir Muhammad Laghari, and Attaullah Khidrani. "Generation of Electric Power from Domestic Cooking System." Open Journal of Energy Efficiency 4, no. 04 (2015): 69.
- [8] Laghari, Wazir Muhammad, Mohammad Usman Baloch, Muhammad Abid Mengal, and Syed Jalal Shah. "Performance analysis of analog butterworth low pass filter as compared to Chebyshev type-I filter, Chebyshev type-II filter and elliptical filter." Circuits and Systems 2014 (2014).

## AWARDS AND HONOURS

- Awarded PhD scholarship from the fund “The 100th Anniversary Chulalongkorn University for Doctoral Scholarship” by Chulalongkorn University, Bangkok, Thailand.
- Nominated as a faculty member to Attend the course on “Advanced Faculty Professional Development Program: Ensuring Training Effectiveness” organized by Higher Education Commission, Islamabad, from March 7 to 25, 2011 at AIT-Extension, ASIAN INSTITUTE OF TECHNOLOGY BANGKOK, THAILAND.
- Nominated as a faculty member to Attended a three month course in “Teaching & Learning in Higher Education” held from January 08-April 02, 2004 at Higher Education Commission, Islamabad.
- Attained one-month Laboratory training in various laboratories Of the Department of Electrical Engineering, NED University Of Engineering & Technology, Karachi, from 25 -03-2003 to 14-04- 2003.

## PROFESSIONAL EXPERIENCE

- 13/08/2014 – to date: Lab: Lecturer (NPS-19)-Electrical Engineering Department, Balochistan University of Engineering & Technology Khuzdar, Pakistan.
- 13/6/2007-19/12/2010: Lab: Lecturer (NPS-18)-Electrical Engineering Department, Balochistan University of Engineering & Technology Khuzdar, Pakistan.
- 08/09/2001-12/6/2007: Lab: Instructor (NPS-17) - Electrical Engineering Department, Balochistan University of Engineering & Technology Khuzdar, Pakistan.
- 28 /10/1999-10/08/2000: Lab: Instructor (NPS-16)- Electrical Engineering Department, Balochistan University of Engineering & Technology Khuzdar, Pakistan.

## RESEARCH INTERESTS:

- Digital Image Processing
- Computer Vision
- Deep learning.
- Machine Learning.

## LANGUAGES:

<b>English</b>	Excellent.
<b>Urdu</b>	Excellent.
<b>Sindhi</b>	Excellent.