# AZAM KHAN

Progressive Thinking | Problem Solving | Continual Improvement

# EXPERIENCE

# Lecturer Faculty of science and Technology IIU, (Feb 2013 Till Date)

#### On study leave for PHD studies from Feb 2020

Courses taught are VLSI, Electronic circuit design II, Embedded system design with AVR, Artificial Intelligence, Mechatronics Application, Fundamentals of Programming, Digital Logic Design and Differential Equation.

- Member committee for establishing Civil engineering department.
- Secretary PEC accreditation committee DEE
- Secretary Industrial Advisory board DEE.
- Secretary Under graduate committee DEE.

#### Lab Engineer in MAJU university Islamabad (Jan 2005 Sep 2007)

I had been working as a *Lab engineer and Lecturer* at the Engineering department of Muhammad Ali Jinnah University Islamabad. My main responsibilities were taking courses, labs and managing all the equipment's and requirement of different labs including computer, telecommunication and Electronics labs.

#### EDUCATION

- Masters in Engineering (System on chip) from Linkoping University Sweden 2010 Master thesis: Algorithm study and Matlab model for CCITT Group4 TIFF Image Compression.
- Bachelor in computers engineering from Comsats University Islamabad 2005. Thesis: Modulation De-Modulation using QAM.

# **MS PROJECTS**

Algorithm study and Matlab model for CCITT Group4 TIFF Image Compression.

Smart cameras are part of many automated system for detection and correction in various Systems. These systems usually have a very sensitive fast processing nature, to stop some Ongoing information or extract some information. Image compression algorithms are used for the captured images to enable fast communication between different nodes i.e. the cameras and the processing units. The challenges associated with these networks are fast communication of these images between different nodes or to a centralized system. Thus a s t u d y i s p r o vi de d f o r an algorithm used for this purpose. In-depth study and Matlab modeling of CCITT group4 TIFF is the target of this thesis.

# REFRENCES

- Dr. Mansoor (EVP CUST Islamabad). Mnsoor@jinnah.edu.pk
- Professor Kent Palmkvist (Linkoping University Sweden). Kent@isy.liu.se
- Dr. Aqdas Naveer (Dean DEE, FET IIU Islamabad). anaveed@iiu.edu.pk
- Dr. Amir (HOD DEE, FET IIU Islamabad). amir@iiu.edu.pk