

Muhammad Khalid Rizwan

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Project: Pulse compression phased-array UT inspection with on-board real time processing.

Education and Professional Experience:

I obtained my masters in Photonics, at Institute of Photonics, University of Eastern Finland (2014-2016). In my thesis project, I worked on the spectral images based light polarization analysis in-terms of Stokes parameters. During the project, I extensively utilized signal and image processing tools in MATLAB.

I did my bachelor's in Electronics Engineering at Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan (2006-2010). My final year project in bachelors was about photovoltaic, thermal collector tracking system. The aim of project was to increase the efficiency of Photovoltaic panel.

I worked as Laboratory Engineer at GIK Institute of Engineering Sciences and Technology, Pakistan for two year before starting my masters (2012-2014). I taught the labs of circuit analysis, communication theory and worked as a course assistant in digital control system engineering.