

**Mr. Muhammad Shahzad Mughal**  
Lecturer in Computer Education  
MTE, IER, University of the Punjab  
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Ph.D. (Computer Science) Research Scholar (PhD in progress)  
M.Phil. (Education – in progress)

M.S. (Computer Science) COMSATS, Abbottabad.  
M.Sc. (Computer Science) PU  
PGD (Computer Science) PU  
Masters in Industrial Arts (Technical Education) PU

### **Research and Publications:**

*“Surveillance of Examination Hall : using Object Detection Technique”*  
October 27, 2016

ICORE, 2017, IER, University of the Punjab, Lahore. Pakistan.

*“Analysis of physics question paper of BISE Lahore (2013) in the light of revised Blooms Taxonomy”*

October 27, 2016

ICORE, 2017, IER, University of the Punjab, Lahore. Pakistan.

*“Neural Network Compression Filter for VoIP”*

Research Thesis, M.S. Computer Science, COMSATS IIT, 2007.

*“A 3D Hash Function for Fast Image Indexing and Retrieval”*

(Paper published in IEEE conference proceedings)

4th International Conference on Computer Graphics, Imaging and Visualisation (CGIV 2007),  
July 2007, Bangkok, Thailand.

*“Urdu Spoken Digits Recognition Using Classified MFCC and Backpropagation Neural Network”*

(Paper published in IEEE conference proceedings)

4th International Conference on Computer Graphics, Imaging and Visualisation (CGIV 2007),  
July 2007, Bangkok, Thailand.

*“Securing Sensor Networks, A New Approach”*

2005 International Conference on Accounting and Information Technology,  
May 2005, Chung Cheng University, Taiwan.

### **Interests:**

*Education Development in Pakistan, especially in Public Sector.*

*Technical and Technology Education.*

*High Performance Computing.*

*Theoretical Computer Science.*