**Afshan Jamil**

**Designation:** Assistant Professor

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**PhD (Computer Engineering)**

***Research Topic:*** Visual saliency aware content based image/video retrieval in compressed domain.

***Institute:*** *UET Taxila*

***Research Contributions:***

1. *Afshan Jamil, Muhammad Majid, and Syed Muhammad Anwar, "An Optimal Codebook for Content-Based Image Retrieval in JPEG Compressed Domain", Arabian Journal for Science and Engineering, Vol. 44, no. 11, pp. 9755-9767, 2019.*  ***(IF=1.5)***
2. *Madiha Liaqat, Afshan Jamil, Muhammad Majid, Sharifullah Khan, Kashif Rajpoot, “Automated Subjective Assessment of Image Retrieval Quality by Regression from Texture Features”, Arabian Journal for Science and Engineering. (Submitted)*
3. *Afshan Jamil, Muhammad Majid, “Visual Saliency aware computational Efficient Retrieval of JPEG Compressed Images”, Optik International Journal for Light and Electron Optics (Submitted).*
4. *Afshan Jamil, Muhammad Majid, “Visual Saliency aware Content based Image Retrieval in JPEG Compressed Domain”, Multimedia Tools and Applications (Submitted) .*
5. *Afshan Jamil, Muhammad Majid, “Visual Saliency based Video Retrieval in MPEG Compressed Domain”, Signal Processing: Image Communication (Submitted).*

**Achievements:**

*Award of Gold Medal in BS Computer Engg.*