

## **Ms.Madeeha Sadia**

### **Research Areas:**

- Biomedical Electronics
- Biomaterials
- Computational Modeling
- Image processing
- Finite Element Modeling

### **Publications :**

1. Tabinda Rasool, Iqra Ather, Syed Rehan Ahmed, Madeeha Sadia , Dr. Rashid Khan, Dr Ali Raza Jafri ,”Synthesis and Characterization of Hydroxyapatite using Egg shell” ASME ,International Mechanical Engineering congress and exposition (IMECE) , 13- 19 November , 2015, Houston, USA.
2. Uvais Qidwai, Madeeha Sadia, “Mapping human heuristic into intelligent detection of cancerous cells in histopathological analysis”, International Conference on Bioinformatics & Biostatistics applications in cancer genomics research (BBACGR), 26-28 April 2015, University of Qatar Doha, Qatar.
3. Uvais Qidwai, Madeeha Sadia , “Color based fuzzy classifier for automated detection of cancerous cells in histopathological analysis”. IEEE Conference on Biomedical Engineering and Sciences. 8-10 December 2014., Miri, Sarawak, Malaysia.

### **Reviewed Articles:**

- I have selected as a reviewer at International conference on computational methods in Engineering and Health sciences (ICCMEH), Malaysia 2015 and reviewed a paper titled “Congenital heart disease prediction by classification based on the parameters obtained from neonates”.
- I have also selected as a reviewer for International Journal of Fluids and Heat Transfer (IJFHT) publication September, 2016 and reviewed a paper titled “ ;The Effects of Aortic Stenosis on the Hemodynamic Flow Properties using Computational Fluid Dynamics