CV

1. Name Surname: Sara Kandulu

   GSM:

   e-mail: sarakandulu@gau.edu.tr

2. Birth date:

3. Title: Asst. Prof. Dr. Professor.

4. Education:

Degree	Field of Education	University name	Year
Undergraduate	Electrical &Electronic engineeing	University of Fasa	2005
Master	Electrical &Electronic engineeing	Eastern Mediterranean University	2007
PhD	Electrical &Electronic engineeing	Eastern Mediterranean University	2013

5. Academic Title:

Asst.Prof.Dr., Electrical and Electronic Engineering, Girne American University 2014

6. Supervised Master and PhD Thesis

7. Publications

7.1 International SCI publications

- **S. Izadpanahi,** H. Demirel, "Motion Block based Video Super Resolution", *Digital Signal Processing, Elsevier, (Accepted), Apr 2013.Conference, London, United Kingdom, Jul 2012.*
- **S. Izadpanahi,** H. Demirel, *"Motion Based Video Super Resolution Using Edge Directed Interpolation and Complex Wavelet Transform", Signal Processing, Elsevier*, vol. 93, no. 7, pp. 2076-2086, Jun 2013.
- **S. Izadpanahi,** G. Anbarjafari, and H. Demirel, "Video resolution enhancement by using discrete and stationary wavelet transforms with illumination compensation", *Journal of Signal, Image and Video Processing*, DOI: 10.1007/s11760-012-0422-1, Dec 2012.
- **S. Izadpanahi**, C. Ozcinar, G. Anbarjafari, and H. Demirel, "Resolution Enhancement of Video Sequences by Using Discrete Wavelet Transform and Illumination Compensation", *Turkish Journal of Electrical Engineering & Computer Sciences*, vol. 20, no. 2, pp. 1268-1276, 2012.

7.2 International conference, Proceedings and Symposium

- **Sara Izadpanahi**, Cagri Ozcinar, G. Anbarjafari and Hasan Demirel, "Video Resolution Enhancement by using Complex Wavelet Transform", IEEE International Conference on Image Processing (ICIP 2011), Brusels,Belguim, Sep. 2011.
- **Sara Izadpanahi**, and Hasan Demirel "Multi Frame Super Resolution using Edge Directed Interpolation and Complex Wavelet Transform" IET Image Processing Conference, London, United Kingdom, Jul 2012.
- **Sara Izadpanahi**, Hasan Demirel, and G. Anbarjafari "Improved Motion-Based Localized Super Resolution Technique Using Discrete Wavelet Transform for Low Resolution Video Enhancement", 17th European Signal Processing Conference (EUSIPCO-2009), Edinburgh, Scotland, Aug. 2009.
- **Sara Izadpanahi** and Hasan Demirel, "Motion-Based Localized Super Resolution Technique for Low Resolution Video Enhancement", 16th European Signal Processing Conference (EUSIPCO-2008), Lausanne, Switzerland, Aug. 2008.
- **Izadpanahi S.,** Fatemi M., Izadpanahi S.;" Super Resolution Approach based on Tree Data Structure", International Symposium on Innovations in Intelligent Systems and Applications, June 20-23, 2007, Istanbul, Turkey. pp. 210-214.

7.3 Publication of book or chapter in a book

- **Sara Izadpanahi,** Cagri Ozcinar, Gholamreza Anbarjafari, and Hasan Demirel, "DWT Based Resolution Enhancement of Video Sequences ", *Discrete Wavelet Transforms - A Compendium of New Approaches and Recent Applications*, edited by Awad Kh. Al - Asmari, ISBN 978-953-51-0940-2, InTech, February 2, 2013.

7.4 National publications

7.5 National conference, Proceedings and Symposium

7.6 Other Publications

8. Projects

9. Administrative tasks

10. Membership

IEEE, IEE

11. Awards

Tübitak research journal publication 2013
Tübitak research journal publication 2014

12. Lecture courses offered within past two years

Academic Year	Semester	Course Title			
2014-2015	**Fall**	Image Processing			
		Electrical Measurment and Instrumentations			
		Calculus II			
		Fundamental of Electrical Engineering			
	Spring	Fundamental of Electrical Engineering			
		Electrical Machinary			
		Generl Physics II			
	Summer	Fundamental of Electrical Engineering			
		Generl Physics II			
		Graduation Project II			
2015-2016	**Fall**	Fundamental of Electrical Engineering			
		Electrical Machinary			
		Electrical Measurment and Instrumentations			
		Calculus II			
		Graduation Project II			
	Spring	Fundamental of Electrical Engineering			
		Generl Physics II			
		Engineering Mathematics			
		Graduation Project II			