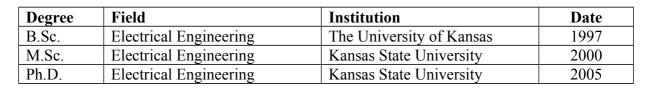
CURRICULUM VITAE-06

1. Name: Ali SERENER

2. Date of Birth: 21 September 1976

3.Title: Assistant Professor

4. Degrees:



5. Years of Service on Faculty:

Assistant Professor: Since 2008

6. Master / Ph.D. Theses Supervision:

6.1 Master Thesis - Completed:

- MT1. Sameh Mashaqi, Application and analysis of LDPC codes to transmission and reconstruction of images, 2007.
- MT2. Khaled A'amar, Performance analysis of pulsed jammed DS-SS with interleavers and convolutional encoder, 2007.
- MT3. Hanan Badeea Ahmed, Design and analysis of a CGM sensor glucose concentration prediction system, 2013
- MT4. Mohamed Abid Anwar, Microcontroller based physiological monitoring system with GSM technology

6.2 Ph.D. Thesis - Completed:

7. Publications:

7.1 International Journals:

J1. Serener, B. Natarajan and D. M. Gruenbacher, "Lowering the error floor of optimized short block length LDPC coded OFDM via spreading," *IEEE Transactions on Vehicular Technology*, vol. 57, no. 3, pp. 1646-1656, May 2007.

7.2 International Symposiums and Conferences - Published Proceeding Papers

- CP1. Serener, C. Kavalcioglu, "Teledermatology based medical images with AWGN Channel in Wireless Telemedicine System." Proceedings of the 1st WSEAS International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '09), Sept. 2009.
- CP2. Serener, C. Kavalcioglu, "Wireless Telemedicine System in emergency medicine helicopter", Proceedings of the 11th WSEAS International Conference on Automatic Control, Modelling, and Simulation (ACMOS '09), May 2009.
- CP3. Serener, B. Natarajan and D. M. Gruenbacher, "Optimized LDPC codes for OFDM and spread OFDM in correlated channels," in Proceedings of IEEE 65th Semiannual Vehicular Technology Conference, Apr. 2007.



- CP4. Serener, B. Natarajan and D. M. Gruenbacher, "LDPC coded spread OFDM in indoor environments," in Proceedings of IEEE 58th Semiannual Vehicular Technology Conference, vol. 1, pp. 318-321, Oct. 2003.
- CP5. Serener, B. Natarajan and D. M. Gruenbacher, "Performance of spread OFDM with LDPC coding in outdoor environments," in Proceedings of 3rd International Symposium on Turbo Codes & Related Topics, pp. 549-552, Sept. 2003.
- CP6. D. M. Gruenbacher and A. Serener, "High rate coded OFDM with channel equalization," 2002 45th Midwest Symposium on Circuits and Systems, vol. 3, pp. 445-448, Aug. 2002.
- CP7. D. M. Gruenbacher and A. Serener, "Performance of coded OFDM in a fading environment using high rate low-density parity-check codes," 2001 IEEE Global Telecommunications Conference, vol. 1, pp. 504-508, Nov. 2001.

7.3 Books and Book Chapters:

7.4 Printed Lecture Notes:

7.5 National Conferences/Symposiums:

7.6 Other Publications:

8. Projects:

- PR1. Using LDPC codes in fourth generation wireless communication networks, TRNC Ministry of Education and Culture, 2007.
- PR2. Investigating complexity and performance of short block length low-density paritycheck codes, Hughes Network Systems Inc., 2001.
- PR3. Performance effects of simplified Turbo decoder algorithm used in CDMA2000 standard, Motorola Inc., 2000.
- PR4. Designing a channel simulator for high frequency heart monitor, Medtronic Inc., 1996.

9. Administrative Posts:

- Vice Chairman, Near East University, Department of Electrical and Electronic Engineering (March 2011-2013)
- Deputy Chairman, Near East University, Department of Electrical and Electronic Engineering (since October 2013)

10. Citations:

Total 30 citations.

11. Scientific and Professional Society Membership:

Member of Institute of Electrical and Electronic Engineers (IEEE) and IEEE Communications Society.

12. Courses Taught During the Last Two Years:

Academi c Year	Semeste r	Course Name	Weekly taught hours		Number of Students
			Theory	Lab	
2012-	Fall	Signals and Systems	4	2	57

2013		Satellite Communication Systems	3	2	19
		Logic Circuit Design	3	2	19
Spring		Electronics I	4	2	24
		Telecommunications	3	2	11
		Information Theory and Coding	3	0	8
2013- Fall		Signals and Systems	4	2	79
2014		Signals and Systems (Turkish)	4	2	19
		Logic Circuit Design	3	2	23
	Spring	Telecommunications	3	2	8
		Communication Systems	4	2	18
		Information Theory and Coding	3	0	7
2014-	Fall	Signals and Systems (Turkish)	4	2	88
2015		Communication Systems	3	2	11
		(Turkish)			
		Telecommunications (Turkish)	3	2	5
	Spring	Communication Systems	3	2	33
		(Turkish)			
		Communication Systems	3	2	50
		Logic Circuit Design (Turkish)	3	2	36
2015-	Fall	Signals and Systems (Turkish)	4	2	104
2016		Logic Circuit Design (Turkish)	3	2	14
		Information Theory and Coding	3	0	20

13. Awards:

- J. William Fulbright scholarship, 1993-1997.
- School of Liberal Arts and Sciences Honors List, Fall 1993.
- School of Engineering Dean's List, Spring 1994.