

ÖZGEÇMİŞ

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1. Adı ve Soyadı : Şahram Minayi

2. Doğum Tarihi : 16.08.1970

3. Ünvanı : Prof. Dr.

4. Öğrenim Durumu:

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik-Elektronik Mühendisliği	Iran University of Science and Technology (IUST), Tehran, Iran	1993
Yüksek Lisans	Elektronik ve Haberleşme Mühendisliği	İstanbul Teknik Üniversitesi, İstanbul, Türkiye	1997
Doktora	Elektronik ve Haberleşme Mühendisliği	İstanbul Teknik Üniversitesi, İstanbul, Türkiye	2001

5. Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar)ı:

Shahram Minaei "*OTA ile sayısal/analog ve analog/sayısal dönüştürücü tasarımı*", İstanbul Teknik Üniversitesi, *Elektronik ve Haberleşme Mühendisliği Bölümü, İstanbul, Türkiye, 1997.*

Danışman: Doç. Dr. M. Sait Türköz

6. Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özeti ekte) ve Danışman (lar)ı:

Shahram Minaei "*New Possibilities In Current-Mode Circuits Using Current Controlled Conveyor*", İstanbul Technical University, *Department of Electronics and Communication Engineering, İstanbul, Turkey, 2001.* **Danışman:** Prof. Dr. M. Sait Türköz

7. Akademik Ünvanlar

Derece	Alan	Üniversite	Yıl
Yrd. Doçent	Elektronik ve Haberleşme Mühendisliği	Doğuş Üniversitesi	2001-2004
Doçent	Elektrik-Elektronik Mühendisliği	Üniversiteler arası kurul	2004-2009
Profesör	Elektronik ve Haberleşme Mühendisliği	Doğuş Üniversitesi	2009-

8. Yönetilen Yüksek Lisans ve Doktora Tezleri

8.1. Yönetilen Doktora Tezleri:

- "Ayarlanabilir CMOS Sınıflandırıcı Devrelerde Yeni Olanaklar", **Merih Yıldız**, *İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği*, Nisan 2009.

("Analog CMOS Classifier Circuit", Ph.D Thesis, Istanbul Technical University, *Department of Electronics and Communication Engineering, Istanbul, Turkey*, 2009.)

8.2. Desteklediği Doktora Tezleri:

1. Bilgin Metin, "Electronic Tunability in Analog Filters" Bogazici University, *Department of Electrical and Electronics Engineering, Istanbul, Turkey, 2007* (Contribution)
2. Erkan Yuce, "Solutions to Restrictions of the Current Conveyor Based Circuits" Bogazici University, *Department of Electrical and Electronics Engineering, Istanbul, Turkey, 2006*, (Contribution)
3. Cem Çakır, "Low-Voltage Implementation of Current-Mode Analog Building Blocks" Ph. D thesis, Bogazici University, *Department of Electrical and Electronics Engineering 2009* (Contribution).
4. Halil Alpaslan, "Filtre ve Sentetik Bobinlerin Birim Kazançlı Hücreler Kullanarak Tasarımları ve Performance Analizleri" Doktora Tezi, Pamukkale Üniversitesi, Elektrik-Elektronik Mühendisliği, 2013 (Contribution).
5. Abdullah Yesil, "Aktif Filtre Devrelerinin İyileştirilmesi İçin Yeni Olanaklar" Doktora Tezi, İstanbul Üniversitesi, Elektrik-Elektronik Mühendisliği, 2016 (Contribution).

9. Son beş yılda verdiği lisans ve lisansüstü düzeydeki dersler

- CEE 222 Electronic Circuits I
- CEE 321 Electronic Circuits II
- CEE 423 Digital Electronic Circuits
- CEE 421 Communication Electronic Circuits
- CEE 102 Logic Circuits
- CEE 231 Digital Design
- CEE 425 Advanced Electronics: Lab. and Applications
- CEE 426 Analog Integrated Circuit Design
- ECE 514 Digital and Mixed Integrated Circuit Design (**lisans üstü**)
- ECE 513 Analog Integrated Circuits Design (**lisans üstü**)
- ECE 614 Analog Signal Processing Ics (**lisans üstü**)

10. Yayınlar

10.1 Uluslararası hakemli dergilerde yayınlanan makaleler (SCI-INDEXED)

124. Yuce, E., Verma, R., Pandey, N., Minaei, S., "New CFOA-based first-order all-pass filters and their applications", *AEU-International Journal of Electronics and Communications*, vol. 103, pp. 57-63, 2019.
123. Bertias, P., Psychalinos, C, Elwakil, A., Safari, L, Minaei, S., "Design and application examples of CMOS fractional-order differentiators and integrators", *Microelectronics Journal*, vol. 83, pp. 155-167, 2019.
122. Ayten, U.E., Yuce, E., Minaei, S., "A voltage-mode PID controller using a single CFOA and only grounded capacitors", *Microelectronics Journal*, vol. 81, pp. 84-93, 2018.
121. Yesil, A., Minaei, S., "High-Order Realization of MOSFET-Only Band-Pass Filters for RF Applications" *IET Circuits, Devices & Systems*
120. Safari, L., Minaei, S., "A Novel Super Transistor-Based High-Performance CCII and Its Applications" *Elektronika ir Elektrotehnika*, vol. 24, no 2, pp. 50-57, 2018.

119. Safari, L., Minaei, S., Ferri, G., Stornelli, V., "A Low-Voltage Low-Power Instrumentation Amplifier Based on Supply Current Sensing Technique" *AEU-International Journal of Electronics and Communications*, vol. 91, pp. 125-131, 2018
118. Safari, L., Minaei, S., Ferri, G., Stornelli, V., "Analysis and design of a new COA-based current-mode instrumentation amplifier with robust performance against mismatches" *AEU-International Journal of Electronics and Communications*, vol. 89, pp. 105-109, 2018
117. Yesil, A., Yuce, E., Minaei, S., "Inverting Voltage Buffer Based Lossless Grounded Inductor Simulators" *AEU-International Journal of Electronics and Communications*, vol. 83, pp. 131-137, 2018
116. Safari, L., Yuce, E., Minaei, S., "A New Low-Power Current-Mode MOS Only Versatile Precision Rectifier" *AEU-International Journal of Electronics and Communications*, vol. 83, pp. 40-51, 2018
115. Safari, L., Minaei, S., "A Novel COA-Based Electronically Adjustable Current-Mode Instrumentation Amplifier Topology" *AEU-International Journal of Electronics and Communications*, vol. 82, pp. 285-293, 2017
114. Yuce, E., Minaei, S., Ibrahim, M.A., "A Novel full-wave rectifier/ sinusoidal frequency doubler topology based on CFOAs" *Analog Integrated Circuits and Signal Processing*, vol. 93, No.2, pp. 351-362, 2017.
113. Ayten, U.E., Minaei, S., Sağbaşı, M., "Memristor emulator circuits using single CBTA" *AEU-International Journal of Electronics and Communications*, vol. 82, pp. 109-118, 2017
112. Safari, L. Yuce, E., Minaei, S., "A New ICCII Based Resistor-Less Current-Mode First-Order Universal Filter with Electronic Tuning Capability", *Microelectronics Journal*, vol. 67, pp. 101-110, 2017.
111. Abdullah Yesil, Erkan Yuce, Shahram Minaei "Grounded Capacitance Multipliers based on Active Elements", *AEU-International Journal of Electronics and Communications*, vol. 79, No.9, pp.243-249, 2017.
110. Abdullah Yesil, Firat Kacar, Shahram Minaei "New differential difference stage and Its application to band-pass filter at 10.7 MHz with high quality factor", *AEU-International Journal of Electronics and Communications*, vol. 79, No. 9, pp. 74-82, 2017.
109. Safari, L., Minaei, S., "A Low-Voltage Low-Power Resistor-Based Current Mirror and Its Applications", *Journal of Circuits, Systems, and Computers (JCSC)*, vol. 26, No. 11, 1750180, 18 pages, 2017.
108. Yuce, E., Minaei, S., "Commercially Available Active Device Based Grounded Inductor Simulator and Universal Filter with Improved Low Frequency Performances", *Journal of Circuits, Systems, and Computers (JCSC)*, vol. 26, No. 4, 1750052- 14 pages, 2017.
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105. Sagbas, M., Ayten, U.E., Sedef, H., Minaei, S., "Modified Gorski-Popiel Technique and Synthetic Floating Transformer Circuit Using Minimum Components" *Journal of Circuits, Systems, and Computers (JCSC)*, vol. 26, No. 1, 1750013- 21 pages, 2017.

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103. Abdullah Yesil, Firat Kacar, Shahram Minaei; "Electronically controllable bandpass filters with high quality factor and reduced capacitor value: An additional approach", *AEU-International Journal of Electronics and Communications*, vol. 70, No. 7, pp. 936-943, 2016.
102. Yuce, E., Minaei, S., "A first-order fully cascable current-mode universal filter composed of dual output CCII and a grounded capacitor", *Journal of Circuits, Systems, and Computers (JCSC)*, vol. 25, No. 4, 1650042- 15, 2016
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92. Ayten, U. E., Sagbas, M., Minaei, S., "Realization of low-voltage modified CBTA and design of cascable current-mode all-pass filter" *Radioengineering*, vol. 23, no. 1, pp. 523-531, 2014.
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10.6 Diğer yayınlar

11. Yayınların toplam atıf sayısı: 2267 (2.28.2019)

12. Uluslararası dergilerde Editörlüğü:

- a) **Editor-in-Chief**, AEÜ-International Journal of Electronics and Communications, Elsevier, (Science Citation Index), ISSN: 1434-8411
- b) Journal of Circuits, Systems and Computers (JCSC), World Scientific Publication, (Science Citation Index), ISSN: 0218-1266.
- c) Radioengineering, (Guest Editor): A Special Issue on Low-Voltage Low-Power Analogue Devices and Their Applications, (Science Citation Index), ISSN: 1210-2512.

13. Uluslararası dergilerde hakemlik:

- a) IEEE Transactions on Circuits and Systems- Part I (TCAS-I) (Science Citation Index, ISSN: 1057-7122)
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- f) Etri Journal (Science Citation Index, ISSN: 1225-6463)
- g) Analog Integrated Circuits and Signal Processing (Science Citation Index, ISSN: 0925-1030)
- h) Computers and Electrical Engineering (Science Citation Index-Expanded, ISSN: 0045-7906)
- i) International Journal of Circuit Theory and Applications (Science Citation Index, ISSN: 0098-9886)
- j) Circuits, Systems and Signal Processing (Science Citation Index, ISSN: 0278-081X)
- k) Journal of Circuits, Systems, and Computers (JCSC) (Science Citation Index-Expanded, ISSN: 0218-1266)
- l) Microelectronics Journal (MEJ) (Science Citation Index, ISSN: 0026-2692)
- m) Radioengineering (Science Citation Index, ISSN: 1210-2512)
- n) AEÜ-International Journal of Electronics and Communications, Elsevier, (Science Citation Index, ISSN: 1434-8411)
- o) Indian Journal of Engineering & Materials Sciences, (Science Citation Index-Expanded, ISSN: 0975-1017)

14. Uluslararası konferanslarında hakemlik:

- a) 9th International Conference on Electrical and Electronics Engineering (ELECO 2015), Bursa-Turkey, 26-28 November 2015.
- b) Applied Electronics 2015 International Conference, September 2015, Pilsen, Czech Republic, 2015.
- c) International Symposium on Circuits and Systems (ISCAS 2013), Beijing, China, May 2013
- d) 36th International Conference on Telecommunications and Signal Processing (TSP) July 2013 Rome, Italy, 2013.
- e) Applied Electronics 2012 International Conference, September 2012, Pilsen, Czech Republic, 2012.
- f) Applied Electronics 2011 International Conference, September 2011, Pilsen, Czech Republic, 2011.
- g) 35th International Conference on Telecommunications and Signal Processing (TSP), July 2012 Prague, Czech Republic, 2012.
- h) 34th International Conference on Telecommunications and Signal Processing (TSP), August 2011, Budapest, Hungary, 2011.
- i) Applied Electronics 2010 International Conference, September 2010, Pilsen, Czech Republic, 2010.
- j) Applied Electronics 2009 International Conference, September 2009, Pilsen, Czech Republic, 2009.
- k) Applied Electronics Conference 2008, Pilsen, Czech Republic, September 2008
- l) International Symposium on Circuits and Systems (ISCAS 2008), Seattle, USA, May 2008

- m) International Symposium on Circuits and Systems (ISCAS 2007), Kos, Greece, May 2007
- n) International Conference on Information, Communications and Signal Processing (ICICS 2007), 10-13 December 2007, Singapore.
- o) Applied Electronics Conference 2007, Pilsen, Czech Republic, September 2007.
- p) Applied Electronics Conference 2006, Pilsen, Czech Republic, September 2006
- q) Applied Electronics Conference 2005, Pilsen, Czech Republic, September 2005
- r) Fourth International Conference on Electrical and Electronics Engineering (ELECO 2005), Bursa-Turkey, 7-11 December 2005.
- s) International Symposium on Circuits and Systems (ISCAS 2003), Bangkok, Thailand, May 2003
- t) Applied Electronics Conference 2004, Pilsen, Czech Republic, September 2004.
- u) Applied Electronics Conference 2003, Pilsen, Czech Republic, September 2003
- v) 10th IEEE International Conference on Electronics, Circuits and Systems ICECS 2003, Sharjah, United Arab Emirates, December 2003
- w) 9th IEEE International Conference on Electronics, Circuits and Systems ICECS 2002, Dubrovnik, Croatia, December 2002
- x) 8th IEEE International Conference on Electronics, Circuits and Systems ICECS 2001, Malta, December 2001

15. Projeler

"Tunable Multipurpose CMOS Classifier Circuits" Project 106E139 supported by the Scientific & Technological Research Council of Turkey (TÜBİTAK).

16. İdari görevler

Başlama Tarihi	Bitiş Tarihi	Açıklama	Ünvan	Atama
01/11/2018	01/11/2021	Bilimsel Yayınlar ve Sanatsal Etkinlikleri Teşvik Komisyonu	Komisyon Üyesi	Asaleten
19/06/2018	19/06/2021	Mühendislik Fakültesi, İntibak Komisyonu	Komisyon Üyesi	Asaleten
21/09/2016	20/09/2019	Mühendislik Fakültesi - Üye	Erasmus Temsilcisi	Asaleten
23/09/2014	22/09/2017	Fen Bilimleri Enstitüsü - Üye	Enstitü Yönetim Kurulu Üyesi	Asaleten
18/09/2013	17/09/2016	Mühendislik Fakültesi - Üye	Fakülte Kurulu Üyesi	Asaleten
27/03/2009	03/09/2009	Mühendislik Fakültesi - Fakülte Yönetim Kurulu Üyesi	Doç. Dr.	Asaleten
15/09/2008	03/09/2009	Mühendislik Fakültesi - Fakülte Kurulu Üyesi	Doç. Dr.	Asaleten

17. Bilimsel Kuruluşlara Üyelikler

1. IEEE (Institute of Electrical and Electronics Engineers), Senior Member
2. 2009 European Conference on Circuit Theory and Design (ECCTD 2009), (Technical Program Chair), August 23-27, 2009, Antalya, Turkey.
3. Applied Electronics 2003-2005 International Conference, Pilsen, Czech Republic, 2003-2009.
4. International Conference on Telecommunications and Signal Processing (TSP), 2011-2015

18. Ödüller

- a) TÜBİTAK Yayın teşvik Ödülü
- b) Doğu Üniversitesi Bilimsel Yayınları Teşvik Programı

19. Uluslararası konferanslarında bilim kurulu üyeliği:

- AE 2018 : 23rd International Conference on Applied Electronics, Sep 11-12, 2018, Pilsen, Czech Republic.
- 41st International Conference on Telecommunications and Signal Processing, July 4-6, 2018, Athens, Greece.
- 40th International Conference on Telecommunications and Signal Processing (TSP 2017), July 5-7, 2017, Barcelona, Spain, 2017.
- Fourth International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT- 2017), 24-26 November 2017, Aligarh, India, 2017.
- Applied Electronics 2015 International Conference, 5-7 September 2017, Pilsen, Czech Republic, 2017.
- Applied Electronics 2015 International Conference, 6-7 September 2016, Pilsen, Czech Republic, 2016.
- Applied Electronics 2015 International Conference, 5-7 September 2015, Pilsen, Czech Republic, 2015.
- Second International Japan-Egypt Conference on Electronics, communication and computers, December 2013, Cairo, Egypt, 2013.
- 36th International Conference on Telecommunications and Signal Processing (TSP) **(Conference Co-Chair)** July 2013 Rome, Italy, 2013.
- 8th INTERNATIONAL CONFERENCE on ELECTRICAL and ELECTRONICS ENGINEERING, (ELECO 2013), Novebmer 2013, Bursa, Turkey, 2013.
- Applied Electronics 2013 International Conference, September 2013, Pilsen, Czech Republic, 2013.
- 35th International Conference on Telecommunications and Signal Processing (TSP), **(Conference Co-Chair)** July 2012 Prague, Czech Republic, 2012.
- 34th International Conference on Telecommunications and Signal Processing (TSP), **(Conference Co-Chair)** August 2011, Budapest, Hungary, 2011.
- Applied Electronics 2012 International Conference, September 2012, Pilsen, Czech Republic, 2012.
- Applied Electronics 2011 International Conference, September 2011, Pilsen, Czech Republic, 2011.
- Applied Electronics 2010 International Conference, September 2010, Pilsen, Czech Republic, 2010.
- Applied Electronics 2009 International Conference, September 2009, Pilsen, Czech Republic, 2009.
- 2009 European Conference on Circuit Theory and Design (ECCTD 2009), **(Technical Program Co-Chair)**, August 23-27, 2009, Antalya, Turkey.
- 2008 IEEJ International Analog VLSI Design workshop, **(Publishing Co-Chair)**, July 30- August 1, 2008, Istanbul, Turkey.
- Applied Electronics 2008 International Conference, September 2008, Pilsen, Czech Republic, 2008.
- Applied Electronics 2007 International Conference, September 2007, Pilsen, Czech Republic, 2007.
- Applied Electronics 2006 International Conference, September 2006, Pilsen, Czech Republic, 2006.
- Applied Electronics 2005 International Conference, September 2005, Pilsen, Czech Republic, 2005.
- Applied Electronics 2004 International Conference, September 2004, Pilsen, Czech Republic, 2004.
- Applied Electronics 2003 International Conference, September 2003, Pilsen, Czech Republic, 2003.
- Applied Electronics 2002 International Conference, September 2002, Pilsen, Czech Republic, 2002.

20. Ulusal konferanslarında bilim kurulu üyeliği:

- Elektrik-Elektronik-Bilgisayar Mühendisliği 10.Ulusal kongresi, Eylül 2003.

- Elektrik Elektronik ve Bilgisayar Mühendisliği Sempozyumu (ELECO 2004), Aralık 2004.
- Elektrik Elektronik ve Bilgisayar Mühendisliği Sempozyumu (ELECO 2006), Aralık 2006.

21. Doktora tez izleme komitesi üyeliği:

- Yunus Babacan, Doktora Tez izleme komitesi, İstanbul Üniversitesi, 2014.
- Abdullah Yeşil, Doktora Tez izleme komitesi, İstanbul Üniversitesi, 2013.
- Ahmet Şamil Demirkol, Doktora Tez jürisi, İstanbul Teknik Üniversitesi, 2013.
- Ali Naderi, Doktora Tez izleme komitesi, İstanbul Teknik Üniversitesi, 2013.
- Engin Afacan, Doktora yeterlilik jürisi, Boğaziçi Üniversitesi, 2013
- Özgür Erdener, Doktora Tez izleme komitesi, İstanbul Teknik Üniversitesi, 2012.
- Halil Alpaslan, Doktora Tez izleme komitesi, Pamukkale Üniversitesi, 2010.
- Cem Çakır, Doktora Tez izleme komitesi, Boğaziçi Üniversitesi, 2007.
- Zafer Özgür Gürsoy, Doktora Tez izleme komitesi, İstanbul Teknik Üniversitesi, 2006.
- Burçin Pak, Doktora Tez izleme komitesi, İstanbul Teknik Üniversitesi, 2005.
- Erkan Yüce, Doktora Tez izleme komitesi, Boğaziçi Üniversitesi, 2005.

22. Doçentlik Sınavı jüri üyeliği

- Dr. Reşat Mutlu, Namik Kemal University, October 2017,
- Dr. Halil Alpaslan, Pamukkale University, October 2017,
- Dr. Remzi Arslanalp, Pamukkale University, October 2017,
- Dr. Emre Arslan, Marmara University, April 2015,
- Dr. Sezai Alper Tekin, Erciyes University, October 2014.
- Dr. Mustafa Emre Aydemir, Hava Harp Okulu, October 2014.
- Dr. Ahmet Turan Özdemir, Erciyes University, October 2014
- Dr. Necmi BIYIKLI, Bilkent University, October 2012
- Dr. Alik Kemal OKYAY, Bilkent University, October 2012
- Dr. Barış BAYRAM, Middle East Technical University, October 2011
- Dr. Arda Deniz YALÇINKAYA, Boğaziçi University, October 2011

23. Son üç yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler

Öğretim Yılı	Dönemi	Ders Kodu	Ders Adı	Grup Adedi
2018-2019	GÜZ	CEE 102	Logic Circuits	1
2018-2019	GÜZ	CEE 231	Digital Design	1
2018-2019	GÜZ	CEE 421	Communication Electronic Circuits	1
2018-2019	GÜZ	CEE 422	RF Microelectronics	1
2018-2019	GÜZ	EHM 421	Haberleşme Mühendisliği Devreleri	1
2017-2018	BAHAR	CEE 426	Microelec. Analog Circ. Des.	1
2017-2018	BAHAR	CEE 423	Digital Electronics Circuits	1
2017-2018	BAHAR	EHM 426	Mikroelektronik Analog Devre Tasarımı	1
2017-2018	BAHAR	ECE 613	Faz Kilitlemeli Sistemler (Y.L.)	1
2017-2018	BAHAR	CEE 102	Logic Circuits	1
2017-2018	BAHAR	CEE 222	Electronic Circuits I	1
2017-2018	GÜZ	CEE 102	Logic Circuits	1
2017-2018	GÜZ	CEE 231	Digital Design	1

2017-2018	GÜZ	CEE 421	Communication Electronic Circuits	1
2017-2018	GÜZ	CEE 492	Graduation Project*	1
2017-2018	GÜZ	EHM 231	Sayısal Devre Tasarımı	1
2017-2018	GÜZ	EHM 421	Haberleşme Elektroniği Devreleri	1
2017-2018	GÜZ	EHM 492	Bitirme Projesi	1
2016-2017	BAHAR	CEE 422	RF Microelectronics	1
2016-2017	BAHAR	CEE 492	Graduation Project	1
2016-2017	BAHAR	EHM 422	RF Mikroelektroniği	1
2016-2017	BAHAR	EHM 492	Bitirme Projesi	1
2016-2017	GÜZ	CEE 231	Digital Design	1
2016-2017	GÜZ	CEE 421	Communication Electronic Circuits	1
2016-2017	GÜZ	CEE 492	Graduation Project	1
2016-2017	GÜZ	EHM 231	Sayısal Devre Tasarımı	1
2016-2017	GÜZ	EHM 421	Haberleşme Elektroniği Devreleri	1
2016-2017	GÜZ	EHM 492	Bitirme Projesi	1
2015-2016	BAHAR	CEE 222	Electronic Circuits I	1
2015-2016	BAHAR	CEE 425	Advanced Electronics: Laboratory and Applications	1
2015-2016	BAHAR	CEE 426	Microelec. Analog Circ. Des.	1
2015-2016	BAHAR	CEE 492	Graduation Project	1
2015-2016	BAHAR	EHM 426	Mikroelektronik Analog Devre Tasarımı	1
2015-2016	BAHAR	EHM 492	Bitirme Projesi	1