



## CURRICULUM VITAE

**1.Name, Surname:** Hasan Hüseyin BALIK

**2. Date and Place of Birth:** 1 Ağustos 1970, Daday / Kastamonu

**3. Title:** Proffesor Doctor

**4.Education:**

| Degree        | Department/Program            | University                     | Year      |
|---------------|-------------------------------|--------------------------------|-----------|
| Undergraduate | Electrical & Electronics Eng. | Karadeniz Technical University | 1988-1992 |
| Undergraduate | Sociology                     | Istanbul University            | 2014-     |
| Graduate      | Electrical & Electronics Eng. | University of Bristol          | 1993-1998 |

### 5. Academical Affiliations

| Title        | Place   | Year         |
|--------------|---|--------------|
| Assistant    | Electrical & Electronics Eng, Faculty of Engineering & Architecture, Karadeniz Technical University | 1992-1998    |
| Dr.Assistant | Electrical & Electronics Eng, Faculty of Engineering & Architecture, Karadeniz Technical University | 1998-1998    |
| Ast.Prof.Dr. | Electrical & Electronics Eng, Faculty of Engineering & Architecture, Karadeniz Technical University | 1998-1999    |
| Ast.Prof.Dr. | Electrical & Electronics Eng, Faculty of Engineering, Firat University                              | 1999-2006    |
| Ast.Prof.Dr. | Electronics & communication Eng, Faculty of Engineering & Architecture, Beykent University          | 2006-2008    |
| Asc.Prof.Dr. | Software Eng, Faculty of Engineering & Architecture, Beykent University                             | 2009-2010    |
| Asc.Prof.Dr. | Electrical & Electronics Eng, Faculty of Engineering & Architecture, Yenyuzyil University           | 2010-2011    |
| Asc.Prof.Dr. | Electrical & Electronics Eng, Faculty of Engineering & Architecture, Istanbul Arel University       | 2011-2013    |
| Prof.Dr.     | Software Eng, Faculty of Engineering, Istanbul Aydın University                                     | 2013-2016    |
| Prof. Dr.    | Computer Eng., Faculty of Electrical and Electronics, Yildiz Techbical University                   | 2016-Present |

### 6. Supervised Graduate Thesis:

#### 6.1 Master Thesis:

**6.1.1** Erol, Y., "Analysis of 2-D Microstrip Lines with Finite Differences Time Domain Method (FDTD)", Firat University, Science Institute, 2001.

**6.1.2** Akbal, A., "Analysis of Microwave Devices Characteristics with 2-D TLM Technique", Firat University, Science Institute, 2001.

**6.1.3** Sevinç, B., "Functional Programming Approach to Electromagnetic Phenomenon", Firat University, Science Institute, 2002.

**6.1.4** Akçakoca, M. "QoS in Routers", Beykent University, Science Institute, 2007.

**6.1.5** Ata, O., "Multiple Choice Examination System by using AJAX Technique, Beykent University, Science Institute, 2008.

**6.1.6** Çiftçi, Ü., "Design of Student Assignment System Based on Multiple Grade, Beykent University, Science Institute, 2009.

**6.1.7** Yiğit, E., "Design of Position Determination System with GPS Technology, Beykent University, Science Institute, 2009.

**6.1.8** Bayraktar, H. C., "Comparison of speed and torque characteristics of Foreign excited and *Yabancı Uyartımlı ile Fırçasız DC Motorların Hız Ve Tork Karakteristiklerinin Karşılaştırılması Brushless DC Motor*", Istanbul Aydın University, Science Institute, 2015.

## **6.2 Ph.D Thesis:**

**6.2.1** Genç, Z., "Full-wave Analysis of Monolithic Microwave Integrated Circuits by using Integral Equation Method", Firat University, Science Institute, 2006.

**6.2.2** Erol, Y., "A New Approach to Microwave Circuit Analysis with FDTD: Sub-Gridding", Firat University, Science Institute, 2007.

**6.2.3** Akbal, A., "Effects of Electromagnetic Waves on Monolithic Chromosomes, Bacteria Growth and Enzyme", Firat University, Science Institute, 2008.

**6.2.4** Çibuk, M., "Protocol Design And Implementing For Web Based Bio-Telemetry Applications Via Wimax/Ieee802.16 Networks", Firat University, Science Institute, 2009.

**6.2.5** Ulaş, M., "Implementation of An algorithm by using VLF Signals for Prediction of Earthquake", Firat University, Science Institute, 2011.

**6.2.6** Boyacı, A., "Design and Implementation of Power Sensible Routing architecture for Ad Hoc Sensor Networks", Firat University, Science Institute, 2012.

**6.2.7** Ata, O., "Design of New Architecture to Provide Optimum Data Security for for Ad Hoc Sensor Networks", Trakya University, , Science Institute, 2012.

**6.2.8** Bük, A., "Evaluation of Crimes Committed by Changing or Obtaining Electronically Stored Personal Data According to Criminal Law", Police Academy, Security Science Institute, Cont..

**6.2.9** Çiftçi, Ü., "Implementation of Intelligent Education Medium for Distance Learning Platforms", Trakya University, , Science Institute, Cont..

## **7 Publications**

### **7.1. Articles published on peer-reviewed international journals:**

**7.1.1** Balık, H. H., ve C. J. Railton, "New Compensation Functions for Efficient Excitation of Open Planar Circuits in SDM", *IEEE Trans. On Microwave Theory and Technique*, 47, 106-108 (1999).

**7.1.2** Balık, H. H., ve C. J. Railton, "A new route to Fast accurate design tool for Open Planar Circuit Analysis", *International Journal for Engineering Modelling*, 15, 31-43 (2002).

**7.1.3 Balik, H. H.**, ve C. J. Railton, "Fast Rigorous Impedance Matrix Calculations in SDM for Analysis of Open Planar Structures", *International Journal for Engineering Modelling*, 15, 21-29 (2002).

**7.1.4 Balik, H. H.**, "Final Remedy to Excitation for the Aim of Reaching Fast, Efficient and Accurate Modeling Technique for Open Planar Structures: Interpolation", *International Journal for Engineering Modelling*, 16, 99-103 (2003).

**7.1.5 Balik, H. H.**, "Computationally Efficient Solution for Multilayer Microwave Circuits", *International Journal for Engineering Modelling*, 16, 77-82 (2003).

**7.1.6** Balikci, K., I. Cem Ozcan, Dilek Turgut-Balik, **Hasan H. Balik**, "A Survey Study on Some Neurological Symptoms and Sensations Experienced by Long Term Users of Mobile Phones", *Patologie Biologie*, 53, 30-34 (2005).

**7.1.7 Balik, H. H.**, Dilek Turgut-Balik, Kemal Balikci, I. Cem Ozcan, "Some Ocular Symptoms and Sensations Experienced by Long Term Users of Mobile Phones", *Pathologie Biologie*, 53, 88-91 (2005).

**7.1.8 Balik, H. H.**, Sevinc, B., Akbal, A., "A New Approach to Spectral Domain Method: Functional Programming", *Springer-Verlag in the Lecture Notes in Computer Science*, Part IV, LNCS 3994, 638-644 (2006).

**7.1.9** Akbal, A., **Balik, H. H.**, "Fast Rigorous Analysis of Rectangular Waveguides by Optimized 2D-TLM", *Springer-Verlag in the Lecture Notes in Computer Science*, Part IV, LNCS 3994 , 631-637 (2006).

**7.1.10** Erol, Y., **Balik, H. H.**, Inal, S, Karabulut, D., "Safe and Secure PIC based Remote Control Application for Intelligence Home", *International Journal of Computer Science & Network Security* , Vol 7, No 5, 179-182 (2007).

**7.1.11** Erol, Y., **Balik, H. H.**, "Contactless Power Transfer for Microcontroller Based LED Sign Board", *International Journal of Computer Science & Network Security*, Vol 7, No 5, 106-109 (2007).

**7.1.12 Balik, H. H.**, Balikci, K., Akbal, A., Ozcan I. C., Turgut-Balik D., "A Survey Study on Neurological Sysmptoms and Sensations Caused by Daily Use of Mobile Phones", *BU-Journal of Science and Technology*, 2(1), 67-75 (2008).

**7.1.13** Erol, Y., **Balik, H. H.**, "A New Approach To Analysis Of Rectangular Waveguides", *BU- Journal of Science and Technlogy*, 2(2), 177-193 (2008).

**7.1.14** Genc, Z., **Balik, H. H.**, "Fast and Accurate Analysis of Dual-Mode Filter Configurations with MPIE-MoM Technique", *BU- Journal of Science and Technology*, 3(1), 1-17 (2009).

**7.1.15** Ciftci, U, Ata, O., **Balik, H. H.**, "Fast and Rigorous Assignment Algorithm for Multiple Reference and Calculation", *Turkish Journal of Computer and Mathematics Education*, 1(2), 187-199 (2010).

**7.1.16** Cibuk, M., **Balik, H. H.**, "A Novel Solition Approach and Protocol Design for Bio-Telemetry Applications", *Advances in Engineering Software*, Vol 42, No 7, 513-528 (2011).

**7.1.17** Akbal,A., Kiran, Y., Sahin, A., Turgut-Balik, D., **Balik, H. H.**, "Effects Of Electromagnetic Waves Emitted By Mobile Phones Operates At 1800 Mhz On Germination,

Root Growth And Root Tip Cell Mitotic Division Of Lens Culinaris Medik", *Polish Journal of Environmental Studies*, Vol 21, No 1, 23-29 (2012).

**7.1.18** Cibuk, M., **Balik, H. H.**, "Implementation of Web Based Bio-Telemetry Applicatons On Wimax Networks", *Advances in Engineering Software*, Vol 49, No 1, 14-20 (2012).

**7.1.19** Ulas M., Ata, F., **Balik, H. H.**, "Precursors of Earthquakes: VLF Signals-Ionosphere Relation", *International Journal of Electronics, Mechanical and Mechatronics Engineering*, Vol 2 Number 3, 240-251 (2012).

**7.1.20** Ata, O., **Balik, H. H.**, "A Novel Algorithm for Computer Based Assessment", *BEU Journal of Science and Technology*, Vol 2, 57-59 (2012).

**7.1.21** Cinar, H., Cibuk, M., **Balik, H. H.**, "History and Evaluation of Mobile Wimax", *Applied Mathematical and Computational Sciences*, Vol 4 (3), 187-206 (2013).

**7.1.22** Akbal,A., **Balik, H. H.**, "Investigation of Antibacterial Effects of Electromagnetic Waves", *Polish Journal of Environmental Studies*, Vol 22, No 6, 1589-1594 (2013).

**7.1.23** Bayraktar, H.C., **Balik, H. H.**, "The Control of Brushless DC Motors", *International Journal of Electronics, Mechanical and Mechatronics Engineering*, Vol 2 Number 5, 919-932 (2015).

**7.1.24** Akbal,A., **Balik, H. H.**, "Effects of Electromagnetic Waves Emitted by Mobile Phones on DNA of Bacteria", *Journal of Applied Biological Sciences*, Vol 9, No 3, 45-48 (2015).

**7.1.25** Ata ,O., **Balik, H. H.**, Ucar, E., "Protocol Design for Secure Communication in WSN", *TEM JOURNAL - Technology, Education, Management, Informatics*, Vol 6, No 2, 192-204, DOI: 10.18421/TEM62-02 (2017).

## **7.2. International Conference / Symposium Papers:**

**7.2.1** **Balik, H. H.**, C. J. Railton, "Effective Excitation Mechanism for Open Planar Microwave Circuits", *2nd Spring Research Conference*, 14, Bristol, UK., April, 1997.

**7.2.2** **Balik, H. H.**, C. J. Railton, "Adaptive numerical integration technique for the analysis of planar circuits and antennas", *3rd High Frequency Postgraduate Student Colloquium*, 100-105 , Leeds, UK , September, 1997.

**7.2.3** **Balik, H. H.**, C. J. Railton, "Sub-gridding in the spectral domain method for the analysis of planar circuits and antennas", *TELSIKS 97*, 592-595, Nis, Yugoslavia, October, 1997.

**7.2.4** **Balik, H. H.**, C. J. Railton, "Full-wave spectral domain analysis of open planar circuits and antennas", *National Radio Science Meeting*, 127, Colorado, USA , January, 1998.

**7.2.5** **Balik, H. H.**, C. J. Railton, "Efficient enhancements in spectral domain method to speed up open planar circuit analysis", *9th Mediterranean Electrotechnical Conference*, Tel-Aviv, Israel , May, 1998.

**7.2.6** **Balik, H. H.**, C. J. Railton, "Efficient numerical integration of the impedance matrix for the analysis of open planar circuits and antennas", *International Symposium on Electromagnetic Theory*, 630-632, Thessaloniki, Greece, May, 1998.

**7.2.7 Balik, H. H.**, "Analysis of multi layer structures in SDM by iterative Green's function calculation technique", *Mathematical Methods in Electromagnetic Theory*, 606-608, Kharlow, Ukraine, May, 1998.

**7.2.8 Balik, H. H.**, "Interpolation for fast efficient excitation modelling technique of open planar circuits and antennas in SDM", *Mathematical Methods in Electromagnetic Theory*, 580-582, Kharlow, Ukraine, May, 1998.

**7.2.9** Balikci, K., I. Cem Ozcan, Dilek Turgut-Balik, **Hasan H. Balik**, "The Effects of Long Term Use of Mobile Phones on Human Health", *EMTS'04 - 2004 International Symposium on Electromagnetic Theory*, Pisa, Italy, May, 2004.

**7.2.10 Balik, H. H.**, Balikci, K., Akbal, A., Ozcan, I. C., Turgut-Balik D., Genc, Z., "A Survey Study on Some Symptoms and Sensations Occurred in Eyes Caused by Daily Talking Durations of Mobile Phones", *German Microwave Conference - GeMiC 2006*, Karlsruhe, Germany, March, 2006.

**7.2.11** Genc, Z., **Balik, H. H.**, "Numerically Efficient MPIE-MoM Technique for Analysis of Microstrip Structures in Layered Media", *German Microwave Conference - GeMiC 2006*, Karlsruhe, Germany, March, 2006.

**7.2.12** Erol, Y., **Balik, H. H.**, "Accurate Analysis of Dielectric Loaded Rectangular Waveguides by 2D-FDTD Method", *Chine Japan Joint Microwave Conference*, Sichuan, China, August, 2006.

**7.2.13** Ciftci, U., **Balik, H. H.**, "Implementation of Student Assignment System Based on Multiple Grade Types", *3rd International Computer & Instructional Technologies Symposium*, Trabzon, Turkey, October, 2009.

**7.2.14** Ata, O., **Balik, H. H.**, "Implementation of Multiple Choice Examination System Based On Ajax Tecnique", *3rd International Computer & Instructional Technologies Symposium*, Trabzon, Turkey, October, 2009.

**7.2.15** Bolat Z.B., Erdemir A., Ata O., **Balik H. H.**, Turgut-Balik D., "Screening and Analysis of *Bacteroides fragilis* Genome Sequence for D-Lactate Dehydrogenase Enzyme using Bioinformatic Tools", *2. International Congress of Molecular Biology Association of Turkey*, Istanbul, TURKEY, November, 2013.

#### **7.4. Articles published on peer-reviewed national journals:**

**7.4.1** Çıbuk, M., **Balik, H. H.**, "Biyomedikal Ağlar için Yeni bir İletişim Uygulama Modeli", *Firat Üniversitesi Mühendislik Bilimleri Dergisi*, 22(1), 95-109 (2010).

**7.4.2** Akbal, A., **Balik, H. H.**, "Dairesel Dalga Kılavuzlarının Optimize Edilmiş İletim Hattı Matris Modeli ile Tam Dalga Analizi", *İstanbul Aydın Üniversitesi Dergisi*, 3(11), 63-81 (2011).

**7.4.3** Ata, O., **Balik, H. H.**, "Kablosuz Algılayıcıların Güncel Kullanım Alanları", *İstanbul Aydın Üniversitesi Dergisi*, 3(11), 107-127 (2011).

**7.4.4** Ata, O., Ucar, E., **Balik, H. H.**, "Kablosuz Algılayıcı Ağlarda Kullanılan Teknoloji ve Protokoller Üzerine bir İnceleme", *İstanbul Aydın Üniversitesi Dergisi*, 51-68, 3(12), 2011.

**7.4.5** Akbal, E., Gulten, A., **Balik, H. H.**, "Kablosuz Algılayıcı Ağlarda Kullanılan Güncel Çoklu Yönlendirme Algoritmaları", *Bitlis Eren Üniversitesi Fen Bilimleri Dergisi*, 1 (1), 50-58 (2012).

**7.4.6** Boyacı, E., Ata, F., **Balik, H. H.**, "Telsiz Duyurga Ağlarda Kullanılan Yönlendirme Tekniklerinin Enerji Verimliliği Açısından Karşılaştırması ", *Bitlis Eren Üniversitesi Fen Bilimleri Dergisi*, 2(1), 69-88 (2013).

**7.4.7** Erdemir, A., Ozkan, E.,Turan Guler, N., Selcuk, H. H., Kara, B., Baskin, Y., Ellidokuz, H., **Balik, H. H.**, Turgut-Balik, D., "Genotyping and Analys's of rs911271 Polymorphism for Intracranial Aneurysm ", *Sigma Journal of Engineering and Natural Sciences*, 6(1), 109-116 (2015).

#### **7.5. National Conference / Symposium Papers:**

**7.5.1** Sevinç, B., Tuzsuzoğlu, H. H., Karaduman, Ö., Korkmaz, Ü., **Balık, H. H.**, "Fırat Üniversitesi Öğrenci İşleri Otomasyonu", *AB2001- Akademik Bilişim 2001*, Samsun, Şubat, 2001.

**7.5.2** Taş, O., **Balık H. H.**, "Konut Tahsis Otomasyonu", *UBMK2001 Ulusal Bilişim ve Multimedya Konferansı*, 73-82, Elazığ, Nisan, 2001.

**7.5.3** Akbal, A., **Balık H. H.**, "Öğrenci Labaratuvarları için Optimum Çözümler", *UBMK2001 Ulusal Bilişim ve Multimedya Konferansı*, 131-145, Elazığ, Nisan, 2001.

**7.5.4** Erol, Y., **Balık H. H.**, "Zaman domeninde sonlu farklar metodu ile tek boyutlu yapılarda elektromanyetik dalga yayılımının incelenmesi", *UBMK2001 Ulusal Bilişim ve Multimedya Konferansı*, 176-193, Elazığ, Nisan, 2001.

**7.5.5** Özcan H., Yeşilkaya, M., **Balık, H. H.**, "CGI/Perl Programlama ve Sanal Kütüphane Uygulaması", *UBMK2001 Ulusal Bilişim ve Multimedya Konferansı*, 157-175, Elazığ, Nisan, 2001.

**7.5.6** Taş, O., **Balık, H. H.**, "Konut Tahsis Otomasyonu", *AB2002- Akademik Bilişim 2002*, Konya, Şubat, 2002.

**7.5.7** Saltan M., **Balık, H. H.**, "Fırat Üniversitesi Duyuru Sistemi Otomasyonu", *VIII. Türkiye' de İnternet Konferansı*, İstanbul, Aralık, 2002.

**7.5.8** Topan B., **Balık, H. H.**, "Fırat Üniversitesi Kurul Sınav Sistemi Ölçme ve Değerlendirme Otomasyonu", *AB2003- Akademik Bilişim 2003*, Adana, Şubat, 2003.

**7.5.9** Saltan M., Çibuk, M., **Balık, H. H.**, "Fırat Üniversitesi Networking Academy Otomasyonu", *AB2003- Akademik Bilişim 2003*, Adana, Şubat, 2003.

**7.5.10** Yeli E., Karabatak, G., **Balık, H. H.**, "Squid Proxy ile Gerçek Zamanlı Web Trafik Kontrolü", *AB2004- Akademik Bilişim 2004*, Trabzon, Mart, 2004.

**7.5.11** Başar U., **Balık, H. H.**, "Fırat Üniversitesi PHP-MySQL Tabanlı Üniversite Site Yapıcı Sistemi", *AB2004- Akademik Bilişim 2004*, Trabzon, Mart, 2004.

**7.5.12** Balıkcı K., Turgut-Balık, D., Özcan, İ. C., **Balık, H. H.**, "Günlük Cep Telefonu Kullanımının İnsan Sağlığına olan Etkilerinin İstatistiksel Araştırılması", 236-238, *II. URSI-Türkiye'2004 Bilimsel Kongresi*, Ankara, Eylül, 2004.

**7.5.13** Akbal A., Erol, Y., **Balık, H. H.**, "FDTD ile TLM Metodlarının Dikdörtgen Kesitli Dalga Klavuzlarının Analizi Açısından Karşılaştırılması", 99-95, *II. URSI-Türkiye'2004 Bilimsel Kongresi*, Ankara, Eylül, 2004.

**7.5.14** Boyacı, A., Ulaş, M., Akbal, E., Karabatak, G., Akbal, A., **Balık, H. H.**, "Fırat Üniversitesi Dinamik Web Sayfası", *AB2005- Akademik Bilişim 2005*, Gaziantep, Şubat, 2005.

**7.5.15** Akbal, E., Ulaş, M., Boyacı, A., Karabatak, G., Akbal, A., **Balık, H. H.**, "Fırat Üniversitesi Enformatik Laboratuvarı Otomasyonu", *AB2005- Akademik Bilişim 2005*, Gaziantep, Şubat, 2005.

**7.5.16** Karabatak, G., **Balık, H. H.**, "Netfilter ve Linux Tabanlı bir Firebox Tasarımı", *AB2005- Akademik Bilişim 2005*, Gaziantep, Şubat, 2005.

**7.5.17** Akbal, E., Karabatak, G., Boyacı, A., Ulaş, M., Akbal, A., **Balık, H. H.**, "Fırat Üniversitesi Web Tabanlı Kütüphane Otomasyonu", *AB2005- Akademik Bilişim 2005*, Gaziantep, Şubat, 2005.

**7.5.18** Akbal, A., **Balık, H. H.**, "TCP/IP'nin dünü, bugünü, yarını", *Akademik Bilişim 2006 + BilgiTek IV*, Denizli, Şubat, 2006.

**7.5.19** **Balık, H. H.**, Akbal, A., Barut, İ. O., Solakoğlu, L., "Grafik Renklendirme Algoritması kullanılarak Otomatik Ders Programı Geliştirme Yazılımı", *Akademik Bilişim 2006 + BilgiTek IV*, Denizli, Şubat, 2006.

**7.5.20** Erol, Y., Akbal, A., **Balık, H. H.**, "FDTD ve TLM Metodları ile Dalga Klavuzu Analizi üzerine yeni bir yaklaşım", *GAP V. Mühendislik Kongresi*, Urfa, Nisan, 2006.

**7.5.21** Erol, Y., **Balık, H. H.**, "Dairesel Dalga Klavuzlarının 2 Boyutlu FDTD ile Modellenmesi", *URSI-Türkiye 2006*, Ankara, Eylül, 2006.

**7.5.22** Erol, Y., **Balık, H. H.**, "FDTD Tekniği İçin Yeni Bir Alt Izgaralama Algoritması", *ELECO'2008 Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu*, Bursa, Kasım, 2008.

**7.5.23** Akbal, A., **Balık, H. H.**, "Mobil Telefonların Yayıdığı Elektromanyetik Dalgaların *E.coli* 'nin Gelişimine Etkisi", *1. Ulusal EMC Konferansı*, İstanbul, Eylül, 2011.

**7.5.24** Akbal, A., **Balık, H. H.**, "Elektromanyetik Dalgaların Bakteri Gelişimi Üzerine Etkisi", *EMANET'2011 Elektromanyetik Alanlar ve Etkileri Sempozyumu*, İstanbul, Ekim, 2011.

**7.5.25** Akbal, A., **Balık, H. H.**, "İletim Hattı Matris Modeli İle Mikrostrip Hatların Analizi", *Elektrik-Elektronik Bilgisayar Sempozyumu*, 367-370, Elazığ, Ekim, 2011.

**7.5.26** Akbal, A., **Balık, H. H.**, "Mobil Telefonların Yayıdığı Elektromanyetik Dalgaların Biyolojik Sistemlere Etkileri", *URSI-Türkiye 2014*, Elazığ, Ağustos, 2014.

## **7.6. Books:**

**7.6.1** **Balık, H. H.** (Editor), *Fundamentals of Computer Technologies* (in Turkish), FÜ Basımevi, 2003.

**7.6.2** **Balık, H. H.** (Editor), *Introduction to C Programming* (in Turkish), FÜ Basımevi, 2003.

**7.6.3** **Balık, H. H.** (Editör), *Introduction to Web Programming wit ASP* (in Turkish), FÜ Basımevi, 2004.

## **8. Projects**

- 8.1** "ADO, infrastructure hardware automation (Foundation Project)", FUBAP, **Project Manager**, 2003.
- 8.2** "Firat University IT Foundation Project", FUBAP, **Project Member**, 2004
- 8.3** "Investigation of the role single nucleotide polymorphisms on intracranial aneurysm formation", Yildiz Technical University, BAP (Scientific Funding Unit) Project, Project No: 2012-07-04-KAP01, **Project Member**, 2012-2015.
- 8.4** "T. R. MoH vaccines and antisera cold chain and inventory management system", Yildiz TTO, **Project Manager**, September 2014- December 2014.
- 8.5** "New Generation Ordering System", TUBITAK 1507 Project, **Project Consultant**, April 2014-April 2015.
- 8.6** "T. R. MoH vaccines and antisera cold chain and inventory management system II ", Yildiz TTO, **Project Manager**, Mach 2014- January 2016.
- 8.7** "Kumpara", Yildiz TTO, **Project Manager**, May 2015-December 2015.
- 8.8** "T. R. MoH vaccines and antisera cold chain and inventory management system III ", Yildiz TTO, **Project Manager**, February 2016- December 2016.
- 8.9** "Laboratory Information Management System Development for New Generation Genomic Systems", Yildiz TTO, **Project Manager**, February 2016- December 2016.
- 8.10** "CodeVisit / Mobile platform-independent wireless data sharing system", TUBITAK 1507 Project, **Project Consultant**, October 2015- May 2016.
- 8.11** "Starnet ERP (Enterprise Resource Planning) Development - I", Yildiz TTO, **Project Manager**, April 2016- December 2016.
- 8.12** "SgortaPro", Yildiz TTO, **Project Manager**, October 2016- April 2018.
- 8.13** "T. R. MoH vaccines and antisera cold chain and inventory management system IV", Yildiz TTO, **Project Manager**, January 2017 - December 2017.

## **9. Patentler**

- 9.1** A System to Cold Chain and Logistic Management, **Inventer Owner**, Application Number: 2016/06111, 2017.

## **10.Executive Positions:**

|                                     |  |              |
|-------------------------------------|--|--------------|
| Dean                                | National Defense University, Turkish Air Academy                                       | 2016-Present |
| Consultant                          | Ministry of Health-Public Health Agency of Turkey                                      | 2014-Present |
| Head of Computer Hardware Devision  | Yildiz Technical University, Faculty of Electrical & Electronics, Computer Engineering | 2016-2017    |
| Head of Department                  | Yildiz Technical University, Department of Informatics                                 | 2016-2017    |
| Member of Advisory Board            | Yildiz Technical University, Information Technologies Coordinator                      | 2017-2017    |
| Member of Representative Board      | Yildiz Technical University, Information Technologies Coordinator                      | 2017-2017    |
| Head of Department                  | İstanbul Aydın University, Department of Software Engineering                          | 2013-2016    |
| Faculty Committee Member            | İstanbul Aydın University, Faculty of Engineering                                      | 2013-2016    |
| Faculty Committee Member            | İstanbul Aydın University, Faculty of Architecture and Design                          | 2013         |
| Faculty Management Committee Member | İstanbul Aydın University, Faculty of Architecture and Design                          | 2013         |
| Faculty Committee Member            | İstanbul Aydın University, Faculty of Health Sciences                                  | 2013         |
| Faculty Management Committee Member | İstanbul Aydın University, Faculty of Health Sciences                                  | 2013         |



|                                     |   |           |
|-------------------------------------|---|-----------|
| Senate Member                       | İstanbul Arel University  | 2011-2013 |
| Head of Science Institute           | İstanbul Arel University  | 2011-2013 |
| Faculty Committee Member            | İstanbul Arel University, Faculty of Engineering & Architecture                                 | 2011-2013 |
| Faculty Management Committee Member | İstanbul Arel University, Faculty of Engineering & Architecture                                 | 2011-2013 |
| Member of the Commission            | İstanbul Arel University, Bologna Coordination Commission                                       | 2011-2013 |
| Member of the Board                 | İstanbul Arel University, Academic Evaluation and Quality Improvement Committee                 | 2011-2013 |
| ERP Consultant                      | Turkish Radio and Television Foundation (TRT)   | 2011-2013 |
| Head of Department                  | İstanbul Arel University, Department of Electrical and Electronics Engineering                  | 2011-2013 |
| Member of the Commission            | İstanbul Arel University, Commission of Scientific Research Projects                            | 2011-2013 |
| Head of Department                  | İstanbul Arel University, Department of Computer Engineering                                    | 2012      |
| Senate Member                       | Yeni Yüzyıl University  | 2010-2011 |
| Head of Science Institute           | Yeni Yüzyıl University  | 2010-2011 |
| Dekan Yardımcısı                    | Yeni Yüzyıl University, Faculty of Engineering & Architecture                                   | 2010-2011 |
| Faculty Committee Member            | Yeni Yüzyıl University, Faculty of Engineering & Architecture                                   | 2010-2011 |
| Faculty Management Committee Member | Yeni Yüzyıl University i, Faculty of Engineering & Architecture                                 | 2010-2011 |
| Head of Department                  | Yeni Yüzyıl University, Department of Electrical and Electronics Engineering                    | 2010-2011 |
| Independent Assessor                | Istanbul Development Agency   | 2011-2012 |
| Board of Trustees Member            | Gedik Education Foundation (Gedik Vocational School)  | 2010-2011 |
| Faculty Committee Member            | Beykent University, Faculty of Engineering & Architecture                                       | 2009-2010 |
| ECDL Coordinator                    | Beykent University ECDL Test Center   | 2006-2010 |
| Co-Editor                           | BU- Journal of Science and Technology   | 2007-2010 |
| Deputy Head                         | Beykent University, Quality Evaluation and Improvement Study Group                              | 2008-2010 |
| Coordinator to Information System   | Beykent University  | 2006-2009 |
| Head of Division                    | Beykent University, Computing Service   | 2007-2008 |
| Menager                             | Software Development Unit   | 2006-2009 |
| Deputy Coordinator                  | Beykent Univerisiy, Distance Learning Center  | 2007-2008 |
| Deputy Head of Department           | Beykent University, Faculty of Engineering & Architecture, Electrical & Electronics Engineering | 2006-2008 |
| Head of Department                  | Firat University, Department of Informatics   | 2000-2004 |
| Head of Telecommunication Devision  | Firat University, Faculty of Engineering, Electrical & Electronics                              | 1999-2006 |

|                   |  |           |
|-------------------|--|-----------|
|                   | Engineering  |           |
| Head of Division  | Firat University, Computing Service                              | 2000-2004 |
| Head of Division  | Firat University, Student Affairs Office                         | 2001-2003 |
| Member of Board   | Firat University, Managemet Unit of Scientific Research Projects | 2002-2004 |
| Member of Board   | Firat Univerisy, Distance Learning Center                        | 2002-2004 |
| Member of Board   | Firat Univerisy, Continuing Education Center                     | 2002-2004 |
| Coordinator       | Firat University, Printing House                                 | 2003-2004 |
| Head of the Board | Firat University, Computer Technical Commusion                   | 2000-2004 |
| General Menager   | Firat News   | 2003-2004 |
| ECDL Coordinator  | Firat University ECDL Test Center                                | 2000-2004 |
| Academic Head     | Firat University, Informatic Society                             | 2002-2004 |

### **11. Awards :**

1998, Young Scientist Award, Commusion B of URSI.  
1999, Tübitak-International Publication Encouragement Award  
2006, Tübitak Publication Encouragement Award (2 Times)  
2006, Tübitak Support to Infernational Scientific Activities Participation  
2007, BEDEK Publication Encouragement Award (2 Times)  
2008, BEDEK Publication Encouragement Award (2 Times)  
2011, AREL Publication Encouragement Award (2 Times)  
2012, AREL Publication Encouragement Award (2 Times)  
2014 AYDIN Publication Encouragement Award (1 Times)  
2015 AYDIN Citation Encouragement Award (2 Times)

### **12. Given Ungergraduate & Graduate Lectures in Last Two Years:**

| Academical Year | Semeter                     | Name  | Hours |      |
|-----------------|-----------------------------|---|-------|------|
|                 |                             |   | Teo.  | Exp. |
| 2016-2017       | Fall                        | Computer Networks and Communication Protocols | 3     | 0    |
|                 |                             | Computer and Network Security                 | 3     | 0    |
|                 |                             | Circuit Theory                                | 3     | 2    |
|                 | Spring                      | Computer Systems and Network Security         | 3     | 0    |
|                 |                             | Circuit Theory                                | 3     | 2    |
|                 |                             | Doctoral Seminar                              | 2     | 0    |
|                 |                             | Operating Systems                             | 3     | 0    |
|                 |                             | Specialization Field Course (Msc)             | 3     | 0    |
|                 |                             | Specialization Field Course (Ph.D)            | 5     | 0    |
|                 |                             | Msc Thesis                                    | 0     | 2    |
| Ph.D Thesis     | 0                           | 1   |       |      |
| 2015-2016       | Fall                        | Computer Organisation                         | 3     | 0    |
|                 |                             | Software Engineering                          | 0     | 6    |
|                 |                             | Graduation Project-I                          |       |      |
|                 |                             | Circuit Theory I                              | 3     | 0    |
|                 |                             | Electromagnetic Fields and Waves              | 3     | 0    |
|                 | Graduation Design Project-I | 3   | 6     |      |
|                 | Spring                      | Advanced Database Systems                     | 3     | 0    |
|                 |                             | Database systems                              | 3     | 0    |

### **13. Journal Refereeing**

- 13.1** Information Technology Research Journal
- 13.2** BEU Fen Bilimleri Dergisi (BEU Journal of Science)
- 13.3** Scientific Research and Essays
- 13.4** Advances in Engineering Software
- 13.5** African journal of Agricultural Research
- 13.6** Maejo International Journal of Science and Technology
- 13.7** New World Sciences Academy (NEWSA)
- 13.8** International Journal on Computers and Electrical Engineering
- 13.9** İstanbul Aydın Üniversitesi Dergisi
- 13.10** Gazi Üniversitesi Politeknik Dergisi
- 13.11** Ad Hoc & Sensor Wireless Networks
- 13.12** Turkish Journal of Electrical Engineering & Computer Sciences
- 13.13** Polish Journal of Environmental Studies
- 13.14** Journal of Network and Computer Applications
- 13.15** Journal of Engineering and Computer Innovations
- 13.16** Engineering Journal
- 13.17** Science Journal of Physics
- 13.18** Neural Computing and Applications (NCA)
- 13.19** Journal of Electrical and Electronics Engineering Research
- 13.20** International Journal of Electrical Power and Energy Systems
- 13.21** Journal of Communications and Networks
- 13.22** Computer Applications in Engineering Education
- 13.23** International Journal Of Electronics, Mechanical And Mechatronics Engineering
- 13.24** Bitlis Eren Üniversitesi Fen bilimleri Dergisi
- 13.25** Scientific Research and Essays
- 13.26** Journal of Information Science
- 13.27** Karaelmas Science and Engineering Journal
- 13.28** International Journal of RF and Microwave Computer-Aided Engineering
- 13.29** Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi
- 13.30** Fırat Üniversitesi Mühendislik Bilimleri Dergisi
- 13.31** Selcuk University Journal of Engineering, Science and Technology

### **14. Project Arbitration**

- 14.1** TUBTAK
- 14.2** Trakya University, Scientific Funding Unit
- 14.3** Fırat University, Scientific Funding Unit
- 14.4** Istanbul Development Agency, Funding Programme
- 14.5** Siirt University, Scientific Funding Unit

### **15. Ereas of expertise**

Computer networks, Computer organisation and architecture, Operating systems, Sensors and Sensor networks, Biomedical networks, Bio-informatics, Distance learning, Computer system design and management, Forensics, Computer and network security, Electrmagnetic fields and waves, Enterprice resource planning implementation and management

### **16. Contact Information:**

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