ÖZGEÇMİŞ

1. Adı Soyadı : Esin İnan

2. Doğum Tarihi : 16 Ağustos 1944

3. Unvanı : Profesör

4. Öğrenim Durumu :

Derece	Alan	Üniversite	Yıl
Lisans	İnşaat Mühendisliği	İstanbul Teknik Üniversitesi	1961-1965
Y. Lisans	İnşaat Mühendisliği	İstanbul Teknik Üniversitesi	1965-1966
Doktora	Kuantum Mekaniği	İstanbul Teknik Üniversitesi	1966-1970

5. Akademik Unvanlar

Ünvan	Ana Bilim Dalı	Üniversite	Başl.ve Mez.Yıl
Yardımcı Doçent	Teknik Mekanik ve Genel Muk.	İTÜ	1970-1976
Doçent	Sürekli Ortamlar Mekaniği	İTÜ	1976-1986
Profesör	İnşaat Mühendisliği	BÜ	1986-1989
Profesör	Mühendislik Bilimler	İTÜ	1991-2002
Profesör	Matematik Mühendisliği	Işık Üniversitesi	2002-2011
Profesör	İnşaat Mühendisliği	Işık Üniversitesi	2011-……

Doçent unvanını aldığı tarih: 1976

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1 Yüksek Lisans Tezleri : (Boğaziçi Üniversitesi, İnşaat bölümü ve İTÜ, Fen- Edebiyat Fakültesinde yaptırılan çok sayıda Yüksek lisans tezi.)

6.2 Doktora Tezleri: Fuat Okay (Boğaziçi Üniversitesi-1991)
Kamil Oruçoğlu (İTÜ)
Ahmet Kiriş (İTÜ-2006)

7. Yayınlar

7.1 Papers in International Journals

1- Coupled Theory of Thermoelastic Plates, **Acta Mechanica**, 14, 1, 1972.

2- The Propagation of Second Order Lipschit Discontinuities in Quasi Linear Hyperbolic Systems with Discontinuous Coefficients, (with Alan Jeffrey), **Proc. Roy. Soc. Edin.** 74A, 15, 205-224, 974/75.

3- Decay of Weak Shock Waves in Hyperelastic Solids, **Acta Mechanica**, 23, 103-111, 1975.

4- Nonlocal Theory of Longitudinal Wave Propagation in Thermoelastic Bars, **Le Matematiche**, Vol.XLVI fasc.1.203-212, 1991.

5- Nonlocal Theory of Wave Propagation in Thermolastic Plates, (with Cemal Eringen), **Int. Journal of. Engineering Science,** Vol.29. No.7, 831-843, 1991.

6- Double Crack Problems in Nonlocal Elasticity, (with Kamil Oruçoğlu), **Int. Journal of Fracture**, 67: 81-97, 1994 .

7-Eshelby Tensors for a Spherical Inclusion in Microelongated Elastic Fiels , (with Ahmet Kiriş) **International Journal of Engineering Science,** 43 (2005) 49-58.

8- Eshelby Tensors for a Spherical Inclusion in Microstretch elastic fields (with A. Kırış) **International Journal of Solids and Structures** 43, (2006), 4720-2738.

9- On the Identification of Microstretch Elastic Moduli of Materials by using Vibrational Data of Plates. **International Journal of Engineering Science**, **46**, 585-597, 2008.

10- Plates, Coupled Theory (with Theodore R. Tauchert), **Encyclopedia of Thermal Stresses**, Springer. (In press).

11- Eshelby Tensors for a Spherical Inclusion in Microstretch Elastic Fields (with Ahmet Kiriş), **Encyclopedia of Thermal Stresses**, Springer. (In press).

12- The Identification of Thermo-microstretch Moduli of Materials by the use of Vibrational Data of Plates , (with Ahmet Kiriş), **Encyclopedia of Thermal Stresses**, Springer. (In press).

13- Micromorphic Models of Damage and Homogenisation with Mori-Tanaka Method. (Submitted to **International Journal of Engineering Science).**

7.2 Papers in International Conference Proceedings

1- Moving Heat Flux on a Half-Plane, (with Mehmet Bakioğlu) **Int. Conf. on Numerical Methods in Thermal Problems**, Swansea, UK.48-57, 1979.

2- Torsional and Longitudinal Wave Propagation in an Hyperelastic Cylindrical Bars**, Numerical Methods for Nonlinear Problems**, Vol.3 Proc. of the IV. Int. Conf., Dubrovnik, Yugoslavia, 665-677, 1986.

3- Nonlocal Theory of Wave Propagation in Elastic Plates, **XVII. Int. Conf. of Theoretical and Applied Mechanics**., Grenoble,1988.

4- The Nonlocal Theory of One Dimensional Thermoelastic Waves**, Num. Methods. in Thermal Problems, Swansea**, UK. Vol. VI. Part.2, 810-820, 1989.

5- The Nonlocal Theory of Thermoelastic Plates and Surface Problems, Contact Loading and Local Effects in thin Walled Plated and Shell-Structures, **Proc. of IUTAM Sym. Prag**, 277-280,1990.

6- Crack Problems in Nonlocal Thermoelasticity, (with Kamil Oruçoğlu) **, Numerical Methods in Thermal Problems**, **Swansea,** UK, Vol. VIII, Part 2, (Proc. of 8. International Conference.) 893-904, 1993.

7- Nonlocal Theory of Continuum Mechanics and its Applications**, Proc. 2. Int.Con. on Vibration Problems of Mathematical Elasticity and Physics**, Jalpaiguri, Vol B. 148-159, 1993.

8- The Micromorphic Model for Damaged Materials and its Application to Structural Bodies, (with Sumru Pala and Kamil Oruçoğlu), **Soil Mechanics 95**, May, Crete, Greece, 1995.

9- The Nonlocal Micromorphic Model for Damaged Materials, **Proc. of CMDS8**, June, Varna, World Scientific, 625-632,1995.

10- The Nonlocal Theory of Continuous Damage Mechanics and its Applications**, Colloquium on Mechanical Behaviour of Materials**, 19-20 June 1995, Istanbul –Turkey.

11- Nonlocal Theory for Micromorphic Models of Damaged Materials and Wave Propagation Problems, **Third International Conference on Vibration Problems, ICOVP**-1996, Darjeering, North Bengal, November, 27-29, 1996.

12- The Solution of One Dimensional Wave Equation of Damaged Medium, (with Seyisali Akhiev and Kamil Oruçoğlu), **Seventh International Colloquium on Differential Equations**, Plovdiv, August 18-23, 1996.

13- The Theory of Thermo-Micromorphic Models of Damage Mechanics and its Applications, **Pro. International Conference on Numerical Methods in Thermal Problems**, Swansea, UK, 447-457, 1997.

14- The Local and Nonlocal Nonsmoth Pseudoparabolic Systems, Their Fundamental Solutions and Applications, (with Seyidali Akhiev) , Eds, E. Inan and K.Z. Markov, **CMDS9**, Proceedings, World Scientific, 522-529, 1998.

15- Thermo-Microstrech Model of Damage Mechanics, Eds, E. Inan and K.Z. Markov, **CMDS9,** Proceedings,World Scientific, 719-726, 1998.

16- Elastic Waves in Damaged Material, Proceedings of 4th **ICOVP** November 27-30, 149-160, 1999.

17- Integral Representation for the Solution of Some Nonclassical One Dimensional pseudoparabolic problems (with Seyidali Akhiev) , Eds. D. Bergman and E. Inan **CMDS10**,

Proceedings, Kluwer, 2004.

18- Integral Representation for the Solution of Some Nonclassical One Dimensional Pseudoparabolic problems (with Seyidali Akhiev) , Eds. D. Bergman and E. Inan **CMDS10**, Kluwer, 281-286, 2004.

19- Estimation of microstretch elastic moduli by the use of vibrational data, (with Ahmet Kırış) **Seventh International Conference on Vibration Problems, ICOVP-2005**, Istanbul, Springer- 2006, 281-286.

20- One- Dimensional Wave Propagation Problem in a Nonlocal Finite Medium with Finite Difference Method (with A. Ö. Özer,) **Seventh International Conference on Vibration Problems, ICOVP-2005**, Istanbul, Springer- 375-388.

21- Estimation of microstretch elastic moduli by the use of vibrational data, **Seventh International Conference on Vibration Problems, ICOVP-2005**, Istanbul, Springer, 285-290.

22- 3-D Vibration Analysis of Microstretch Plates (with Ahmet Kırış) **8th International Conference on Vibration Problems,** Shibpur, India. **Vibration Problems ICOVP-2007,** Ed. Esin Inan and et.al. 2008 Springer, 189-200.

23- 3D Vibrational Analysis of the Rectangular Micro Damaged Plates (with Ahmet Kırış) **(ICOVP-2007) 8th International Conference on Vibration Problems, ,** Shibpur, India. **Vibration Problems ICOVP-2007,** Ed. Esin Inan and et.al. 2008 Springer, 207-214

24- On the identification of microstretch elastic moduli of materials by using vibrational data of plates. "**Micromechanics of Materials**" **ASME, Mechanics and Materials** Conference, Austin, TX, June 3-7, 2007**. International Journal of Engineering Science, 46**, 585-597, 2008.

25- Thermo-microstretch elastic bodies and plane waves, (Ahmet Kiriş ile) 2011, s. 012012, CMDS 12 - Continuum Models and Discrete Systems, Kolkata, India, 2/21/2011 - 2/25/2011, http://iopscience.iop.org/1742-6596/319/1/012012, **Journal of Physics:** Conference Series, 319-1, (Edited by Basu A, Chakrabarti B K, Chandra A K)

26- A Hollow Cylinder Problem in Microstretch Theory. (with Ahmet Kiris), **ICOVP-2011**, 5-8 Sept. Prague, Springer, 2011, 139. Springer Proceedings in Physics, 139, (edited by Verhulst F, Okrouhlik M, Horalek J, Marvalova B, Naprstek J)
http://www.springerlink.com/content/rw73227088022776/fulltext.pdf

7.3 Yazılan uluslararası kitaplar veya kitaplarda bölümler

1- Micromorphic Model of Damaged Materials and Wave Propagation Problems, **Lecture Notes in Mathematical Sciences** (Volume 5,1997), Jadavpur University, pp: 56-75, 1997.

2- Mori–Tanaka method in Damaged Materials, **Lecture Notes in Mathematical Sciences** (in press), Jadavpur University, India.

7.4 Ulusal hakemli dergilerde yayımlanan makaleler

1- Die Numeriche Berechnung des Gleichgewichts Einer Stabkette, (in Turkish*, Bir Çubuk Katarının Denge Fomunun Sayısal Hesabı*) **M. Inan Anısına, İTÜ Yayını**, Arı Kitapevi, 1971.

2- The Propagation of Weak Discontinuities in Quasi Linear Hyperbolic Systems in the Presence of a Strong Discontinuity, Part I: Fundamental Theory, **Bull. Tech. Univ. Istanbul**. Vol.34, No.2, 48-66, 1981.

3- The Propagation of Weak Discontinuities in Quasi Linear Hyperbolic Systems in the Presence of a Strong Discontinuity, Part II: Applications to Hyperelastic Media, **Bull. Tech. Univ. İstanbul**. Vol.35, 99-118, 1982.

4- Strong Discontinuities in Elastoplastic Materials, **Bull. Tech. Univ. Istanbul**. Vol.39, 239-257, 1986.

5- Nonlocal Thermal Modula, **Bull. Tech. Univ. Istanbul**, V.45, Num:1-3, 299-318, 1992.

6- Reductive Perturbation Method, Part I, General Theory, (with T. Taniuti), **Bull. Tech. Univ. Istanbul**, V.47, Num:1-3, 299-318, 1994.

7- On a Lamé‘s problem in the Micromorphic Theory of Anisotropic Damage, (with K.Z.Markov), **Bull. Tech. Univ. Istanbul**, V.47, Num:4, 365-377, 1994.

7.5 Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1- Nonlineer Elastik Malzemelerde Dalga Yayılımı, **TUBİTAK**, VI.Congress, Ankara, 643-657, 1978.

2- Kuvvetli Süreksizlik Yüzeyini Haiz Malzemelerde Stabilite **TUMTMK, I. Ulusal Mekanik Kongresi** (IUTAM) İstanbul, 219-234, 1979.

3- Deyme Süreksizliği olan ortamlarda zayıf süreksizliklerin yayılımı, **TUMTMK, II. Ulusal Mekanik Kongresi** (IUTAM)**,** Trabzon, 310-324, 1981.

4- Viskoelastik Ortamlarda Bir Boyutlu Şok Dalgaları **TUMTMK, III. Ulusal Mekanik Kongresi** (IUTAM) Bursa, 359-371, 1983.

5- Çubuklarda Bileşik Burulma ve Boyuna Dalgaların Yayılımı, **TUMTMK, IV. Ulusal Mekanik Kongresi** (IUTAM), İstanbul, Vol. I, 397-414, 1986.

6- Yerel Olmayan Teori ile Termoelastik Plaklar, **TUMTMK, V. Ulusal Mekanik Kongresi** (IUTAM), Vol. II Bursa, 567-577, 1987.

7- Yerel Olmayan Teori ile Termoelastisite ve Termal Modüller**, TUMTMK, V. Ulusal Mekanik Kongresi** (IUTAM) **Bildiriler Kitabı**, Cilt II, Bursa 484-500, 1989.

8- Double Crack Problem in an Infinite Elastic Medium Subjected to Shear Loading, (K.Oruçoğlu ile) **II. National Mathematics Symposium,** Van, 55-67, 1990.

9- Yerel Olmayan Teori ile Termoelastik Çubuklarda Boyuna Dalga Yayılımı **TUMTMK, VII. Ulusal Mekanik Kongresi** (IUTAM), Antalya, 291-302, 1991.

10- Sonsuz Elastik Katıda Doğrusal Çift Çatlak Problemi. **TUMTMK**, **VII. Ulusal Mekanik Kongresi** (IUTAM)**,** Antalya, 431-439, 1991

11- Yerel Olmayan Termoelastisitede Çatlak Problemi. **TUMTMK, VIII. Ulusal Mekanik Kongresi** (IUTAM), Antalya, 336-346, 1993.

12- Lineer Olmayan Hiperbolik Tipten İntegrodiferansiyel Denklemin Çözümü ve Hasar Mekaniğine Uygulanması (K. Oruçoğlu ve S.Akiev ile) **TUMTMK, IX. Ulusal Mekanik Kongresi** (IUTAM) Göreme, Cilt I, Göreme, 362-371, 1995.

13- Hasarlı Malzemelerin Mikromorfik Modellerinin Yerel Olmayan Teorisi, **Ulusal Mekanik Kongresi** (IUTAM) Göreme, V.2, 372-381, 1995.

14- Klasik olmayan Modellerle Hasar İncelemesi,**Turgan Sabis Anısına, Symp.,** İTÜ, Ayazağa,Yapı Merkezi, 1995.

15- Pseudoparabolik Lineer Sınır Değer Problemleri ve Riemann Fonksiyonu. (S. Akhiev ile), **X. TUMTMK, Ulusal Mekanik Kongresi** (IUTAM) İTÜ, İstanbul, 1998.

16- Hasar Mekaniği ve Mikromorfik Modeller, **X. Ulusal Mekanik Kongresi**, TUMTMK, İTÜ, İstanbul, 1998.

17- Mikromorfik Modelle hasar tanımı ve homojenleştirme problemi, **XI. Ulusal Mekanik Kongresi**, TUMTMK, 389-396, 2000.

18- Bazı Eliptik İntegrodiferansiyel Denklemlerin Green Fonksiyonları, (Seyidali.Akhiev ile) **XII. Ulusal Mekanik Kongresi** (IUTAM aff.) TUMTMK, İTÜ, 93-99, 2001.

19- Mikrogenleşen malzemelerde hasar tanımı ve Eshelby tansörlerinin elde edilmesi, **XIII. Ulusal Mekanik Kongresi**, (IUTAM) İTÜ, TUMTMK, 2003.

20- Mikrogermeli Malzemelerde Homogenleştirme Problemi (Ahmet Kırış ile) **XIV. Ulusal Mekanik Kongresi**, (IUTAM aff.) Antakya, Mustafa Kemal Üniversity, TUMTMK, 2005 561-570.

21- Mikrogermeli plaklarda dalga yayılımı ve farklı sınır koşulları için titreşim analizi. (Ahmet Kiriş ile) **XV. Ulusal Mekanik Kongresi** (IUTAM, aff.), 3-7 Eylül, 2007, Isparta. Süleyman Demirel Üniversitesi Matbaası, 2008, 551-560.

22- Mikrogermeli Ortamlarda Malzeme Sabitleri, (Ahmet Kiriş ile) **XVI. Ulusal Mekanik Kongresi** (IUTAM aff.), 2009, Volume 2, 709-718.

23- Mikroizotrorik Malzemelerde dalga yayılımı ve titreşim analizi ile malzeme sabitlerinin elde edilmesi), **XVII. Ulusal Mekanik Kongresi**, (IUTAM aff.), Elazığ, 2011. (Baskıda)

7.6 Diğer yayınlar

1- Coupled Boundary Value Problems of Fourth Order Linear Systems, (with Mithat İdemen), TÜBİTAK, Report No.6, Istanbul, 1969.

2- Cisimlerin Mukavemeti, Problem Kitabı (Çeviri "Strength of Materials", William Nash. Schaum Publ. Co. New York, 1957), Tech. Uni. Ist, 1970.

3- Termoelastik Plaklar , İTÜ, İnşaat Fakültesi , 1970

4- Some Comments on Witham Method in Nonlinear Elasticity, Report, University of Newcastle upon Tyne, Dept. of Engineering Mathematics, UK., 1975.

5. Cisimlerin Mukavemeti, Çözümlü Problemler, İTÜ, Temel Bilimler Fakültesi, 1979.

6- Çubukların Dinamik Davranışlar, Şekil Değiştiren Cisimler Mekaniği, TÜBİTAK- TUMTMK, Yaz Okulu, Trabzon, 81-149, 1984.

7. Klasik Mekanik, (Çeviri "Classical Mechanics", H.C.Corbeb, D.Stehle, John Wiley and Sons,1960) , İTÜ, Temel Bilimler Fakültesi, 1984.

8. Mühendislikte Plastisite, (Çeviri " Engineering Plasticity", C.R.Carradine, Pergamon Press,1985),(Ergün Toğrol ile) Bilimsel ve Teknik Yayınları Çeviri Vakfı, 1996.

(EDITED BOOKS)

9. **I. Ulusal Mekanik Kongresi- Bildiri Kitabı**, İstanbul, 1979.

10. **II. Ulusal Mekanik Kongresi- Bildiri Kitabı** Trabzon, 1981.

11. **III. Ulusal Mekanik Kongresi- Bildiri Kitabı** Bursa, 1983.

12. **Şekil Değiştiren Cisimler Mekaniği,** TUMTMK, Trabzon, 1983.

13. **IV. Ulusal Mekanik Kongresi- Bildiri Kitabı,** İstanbul, 1985.

14. **V. Ulusal Mekanik Kongresi- Bildiri Kitabı**, Cilt I ve II, Bursa, 1987.

15. **VI. Ulusal Mekanik Kongresi- Bildiri Kitabı**, Cilt I ve II Bursa, 1989.

16. **VII. Ulusal Mekanik Kongresi- Bildiri Kitabı**, Cilt I ve II, Antalya, 1991.

17. **VIII. Ulusal Mekanik Kongresi- Bildiri Kitabı**, Cilt I ve II, Antalya, 1993.

18. **IX. Ulusal Mekanik Kongresi- Bildiri Kitabı**, Cilt I ve II, Ürgüp, 1995.

19. **Bulletin of Technical University of Istanbul, Special Issue**:- **Suhubi and Continuum Mechanics**- (Guess Editor) Vol.47, No.1-2, 1994.

20. **Bulletin of Technical University of Istanbul, Special Issue:- Suhubi and Continuum Mechanics**- (Guess Editor) Vol.47, No.3, 1994.

21. **Bulletin of Technical University of Istanbul, Special Issue:- Suhubi and Continuum Mechanics-** (Guess Editor) Vol.47, No.4, 1994

22 Proceedings of the **Ninth International Symposium on Continuous Models and Discrete Systems 9**, **CMDS9,** World Scientific, 1998.

23. Proceedings of the **Tenth International Symposium on Continuous Models and Discrete Systems 10, CMDS10,** Kluwer , 2002.

24. Proceedings of the **Seventh International Conference on Vibration Problems**, **ICOVP-2005,** Springer.

25- Proceedings of the **Seventh International Conference on Vibration Problems, ICOVP-2007,** Springer.

(Edebi Kitaplar)

26. Karanlıktaki Aydınlar- Roman, Berfin Yayınevi, 2000.

27. Bu Yazar Yalan Söylüyor. –Hikayeler, Berfin Yayınevi, 2001.

28. Umutsuzluğa Yolculuk –Roman- (Gülhan Moeel ile), Berfin Yayınevi, 2002

8. Projeler

1- NATO projesi : Nonlocal Theory of Thermoelastic Plates. (Cemal Eringen ile beraber),1986-1989

2- TÜBİTAK projesi, Hasar Mekaniği- (Kamil Oruçoğlu ile beraber) , 1991-1992

3- İTÜ Araştırma Fonu Projeleri.

1. İdari Görevler

1983-1986 : İTÜ, Fen- Edebiyat Fakültesi Dekan Yardımcılığı
1983-1986 : İTÜ Fen Bilimleri Enstitüsü Müdür Yardımcılığı
1989-1991 : Senator (İTÜ, Fen-Edebiyat Fakültesi)
1991-1995 : İTÜ, Fen- Edebiyat Fakültesi Dekanı
1979-1991 : (TUMTMK)Teorik ve Uygulamalı Mekanik Türk Milli Komitesi Genel Sekreteri
1991-1995 : (TUMTMK)Teorik ve Uygulamalı Mekanik Türk Milli Komitesi Başkanı
1992-1996 : İTÜ Vakfı Yönetim Kurulu Üyesi
1995- 2001 : İstanbul Bilim Merkezi Vakfı Yönetim Kurulu Üyesi
1999-2002 : İTÜ, Fen-Edebiyat Fakültesi, Mühendislik Bilimleri Bölüm Başkanı
2000- 2002 : İTÜ Vakfı Yönetim Kurulu Üyesi
2003- 2005 : İstanbul Bilim Merkezi Vakfı Yönetim Kurulu Üyesi
2004-2008 : Işık Üniversitesi Rektör Yardımcısı
2011-……: Işık Üniversitesi, Mühendislik Fakültesi, İnşaat Bölümü Başkanı

10. Bilimsel Kuruluşlara Üyelikler

- Teorik ve Uygulamalı Mekanik Türk Milli Komitesi Üyesi
- AMS (American Mathematical Society) Üyesi

- New York Academi of Science Üyesi
- Türk Matematik Derneği

11. Ödüller

Doktora sırasında TÜBİTAK Doktora Bursu

12. Verilen Konferans ve Seminerler

1. Plastic Analysis and Hyperstatic Systems, Istanbul Technical University (İTÜ), Civil Engineering Faculty, Department of Applied Mechanics, 1967.

2- Thermal Stresses in Plates, Istanbul Technical University (İTÜ), Civil Engineering Faculty, Department of Applied Mechanics, 1970.

3- Advanced Transform Techniques; Mellin, Kontorovich, Lebedev, Mehler-Fock, Meijer, Hilbert Transforms, (6 weeks), Tech. and Res. Council of Turkey, (TÜBİTAK), Applied Mechanics Research Unit., 1971.

4. Theory of Perturbation Methods of Poincáre-Ligthill-Kuo, (4 weeks) Technical and Research Council of Turkey, (TÜBİTAK), Applied Mechanics Research Unit., 1972.

5. Stability, Liapunov Direct Method, (6 weeks), Technical and Research Council of Turkey, (TÜBİTAK), Applied Mechanics Research Unit., 1972.

6. Functional Analysis, (6 weeks), Istanbul Technical University (İTÜ), Civil Engineering Faculty, Department of Applied Mechanics, 1973.

7. Thermoelastic Analysis of Contact Problems, Istanbul Technical University (İTÜ), Civil Engineering Faculty, Department of Applied Mechanics, 1973.

8. Wiener-Hopf Technique in Mixed Boundary Problems, Technical and Research Council of Turkey, (TÜBİTAK), Applied Mechanics Research, Unit., 1973.

9. Propagation of Higher Order Weak Discontinuities in Quasi Linear Hyperbolic Systems in the Presence of a Strong Discontinuity, Istanbul Technical University (İTÜ), Faculty of Basic Sciences, Department of Applied Mechanics, 1977.

10. Decay of Shear Waves in Hyperelastic Medium, Istanbul Technical University (İTÜ), Civil Engineering Faculty, Department of Applied Mechanics 1978.

11. Shear Discontinuities in Plasticity, , Istanbul Technical University (İTÜ), Civil Engineering Faculty, Department of Applied Mechanics 1979.

12. Whitham Method, Istanbul Technical University (İTÜ), Maçka, Faculty of Engineering, 1980.

13. Strong Discontinuity Surfaces in Plasticity, Istanbul Technical University (İTÜ), Maçka, Faculty of Engineering, 1981.

14. General Theory of Nonlinear Wave Propagation- Application in Continuum Mechanics- (3 weeks), Uni. of John Hopkins, Division of Civil Engineering, Baltimore, USA, 1983.

15. Nonlinear Wave Propagation- Applications on Gas Dynamics- Duke University, Dept. of Civil Engng., Durham, NC., USA, 1983.

16. Nonlinear Wave Propagation- Applications in Plasticity- Gannon University, Dept. of Mech.Engng, Gannon, USA, 1983.

17. Strong Discontinuity Surfaces in Elastoplastic Materials, Istanbul Technical University (İTÜ), Civil Engineering Faculty, 1984.

18. Nonlinear Wave Propagation in Elastoplastic Materials, Bogaziçi University, Faculty of Engineering, 1986.

19. Nonlocal Theory of Wave Propagation in Thermoelastic Plates, İstanbul Technical University (İTÜ) , Civil Engineering Faculty, 1988.

20. Temperature Dependent Materials, Boğaziçi University, Faculty of Engineering, 1989.

21. Nonlocal Theory of Continuum Mechanics and its Applications in Thermoelasticity, Boğaziçi University, Faculty of Engineering, 1989.

22. Damage Mechanics, (4 weeks), İstanbul Technical University (İTÜ), Faculty Science and Letters, 1993.

23. Micromorphic Models of Damaged Solids, Bath University, School of Mathematics, Bath, England, UK, 1995.

24. Nonclassical Models of Damage Mechanics, Glasgow University, Scotland, UK, 1995.

25. Damage Mechanics, University of California, Berkeley, Civil Engineering Department, USA,1999.

26. Damaged Materials and Mori Tanaka Method, Stanford University, Mechanical Engineering Department, USA,1999.

27. Micromorphic Models in Damaged Bodies and Wave Propagating Problems, National University of Mexico, Institute of Mathematics, Mexico, 1999.

28. Determining Overall Material Modula in Damaged Body, Jadavpur University, India, 1999.

29- Damage Mechanics, Theory and Applications. ICOVP-2009, Kolkata, India

30- Mühendislik Eğitimi, XVI. Ulusal Mekanik Kongresi, Kayseri,2009.

13. Verilen Dersler (Türkiye'de İngiltere'de ve ABD'de)

1. Dinamik (Lisans)
2. Statik (Lisans)
3. Mukavemet (Lisans)
4. İleri Mukavemet (Lisans)
5. Klasik Mekanik (Lisans)
6. Varyasyonlar Hesabı (Lisans)
7. Adi Diferansiyel Denklemler (Lisans)
8. Lineer Cebir (Lisans)
9. Matematik Mühendisliğine Giriş (Lisans)
10. Çok değişkenli Fonksiyonlar (Lisans)
11. Elastisite Teorisi (Lisans ve Yüksek Lisans)
12. Akışkanlar Mekaniği (Lisans)
13. Gaz Dinamiği (Lisans)
14- Matematik Modelleme (Lisans)
15. Elastik Stabilite Teorisi (Lisans ve Yüksek Lisans)
16. Mühendislikte Matematik Yöntemler (Lisans ve Yüksek Lisans)
17. Sürekli Ortamlar Mekaniği (Lisans ve Yüksek Lisans)
18. Nonlineer Dalga Yayılımı (Yüksek Lisans)
19. Elastodinamik (Yüksek Lisans)
20. Lineer Sınır Değer Problemleri I ve II (Yüksek Lisans)
21. Mekanikte Özel Konular (Yüksek Lisans)
22. Hasar Mekaniği (Yüksek Lisans)

14. Son iki yılda verilen dersler

Akademik Yıl	**Dönem**	**Dersin Adı**	**Haftalık Saati**		Öğrenci Sayısı
			Teorik	Uygulama	
2010-2011	Güz	Differential Equations	3	2	55
		Multivariable Functions and Differential Equations	4	1	37
		Linear Algebra (2 sessioın)	3	0	80
	İlkbahar	Introduction to Mathematical Engineering	3	0	18
		Differential Equations	3	1	35
		Multivariable Functions and Differential Equations	4	1	37
2011-2012	Güz	Multivariable Functions and Differential Equations	4	1	50
		Multivariable Functions and Differential Equations	4	1	38
	İlkbahar	Differential Equations	3	2	35
		Statics	3	1	07