



Prof. Dr. Mehmet ÇEVİK

EDUCATION			
Degree	University	Department / Program	Years
Undergrad.	Boğaziçi University	Civil Engineering	1986-1990
M.S.	Boğaziçi University	Graduate School, Civil Engineering	1991-1993
Ph.D.	Celal Bayar University	Graduate School, Mechanical Engineering	1994-2000

CONTACT INFORMATION	
Address	İzmir Kâtip Çelebi University, Faculty of Engineering and Architecture, Department of Mechanical Engineering, Çiğli Main Campus 35620, Çiğli, İzmir
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POSITIONS & EMPLOYMENT		
Affiliation	Position	Years
İzmir Kâtip Çelebi Univ, Mechanical Engineering	Full Professor	2019-
İzmir Kâtip Çelebi Univ, Mechanical Engineering	Associate Prof.	2015-2019
Celal Bayar University, Mechanical Engineering	Associate Prof.	2011-2015
Celal Bayar University, Mechanical Engineering	Assistant Prof.	2011
Dokuz Eylül University, İzmir Vocational School	Assistant Prof.	2010-2011
Dokuz Eylül University, Maritime Faculty	Dr. Instructor (Part time)	2010-2011
Dokuz Eylül University, Civil Engineering	Dr. Instructor (Part time)	2009-2011
Dokuz Eylül University, İzmir Vocational School	Dr. Instructor	2000-2010
Celal Bayar University, Mechanical Engineering	Research Assistant	1997-2000
Yalı Construction Co., İzmir	Project Engineer	1993-1997
Lale Construction Co., İstanbul	Project Engineer	1990-1991

ADMINISTRATIVE ACTIVITIES & COMMISSION MEMBERSHIP		
Affiliation	Position	Years
İzmir Kâtip Çelebi University Graduate School of Natural and Applied Sciences	Director	2017-
İzmir Kâtip Çelebi University Department of Mechanical Engineering	Head of Department	2019-
İzmir Kâtip Çelebi University Quality Committee	Committee Member	2020-

İzmir Kâtip Çelebi University International Relations Office	Coordinator	2017-2018
İzmir Kâtip Çelebi University Faculty of Engineering and Architecture	Vice Dean	2016-2018
İzmir Kâtip Çelebi University Graduate School of Natural and Applied Sciences	Director	2015-2016
İzmir Kâtip Çelebi University Senate	Senate Member	2015-
İzmir Kâtip Çelebi University Faculty of Engineering and Architecture	Faculty Executive Council Member	2015-2018 2020-
İzmir Kâtip Çelebi University Revolving Fund Executive Board	Board Member	2015-2020
İzmir Kâtip Çelebi University Education Commission	Commission Member	2015-2016
İzmir Kâtip Çelebi University Scientific Research Projects Commission	Commission Member	2015-2016
Celal Bayar University ÖYP Institution Coordination Unit	ÖYP Institution Coordinator	2014-2015
Celal Bayar University Graduate Education Commission	Commission Member	2014-2015
Celal Bayar University Institute of Natural and Applied Sciences	Director	2014
Celal Bayar University, Bologna Control Group	Head	2014
Celal Bayar University, Research Commission	Commission Member	2012-2015
Celal Bayar University Student Affairs and Education Commission	Commission Member	2012-2015
Celal Bayar University Bologna Coordination Commission	Commission Member	2012-2014
Celal Bayar University Health Culture and Sports Commission	Commission Member	2012-2014
Celal Bayar University, Faculty of Engineering	Vice Dean	2011-2015
Celal Bayar University, Faculty of Engineering	Faculty Board Member	2011-2015
Celal Bayar University, Faculty of Engineering	Faculty Executive Council Member	2011-2015
Celal Bayar University, Mechanical Engineering	Head of Mechanics Subdiscipline	2011-2015
Celal Bayar University, Mechanical Engineering	Vice Head of Department	2012-2013
Celal Bayar Univ. Continuing Education Center	Advisory Board Member	2011-2014
Celal Bayar University, Transportation Com.	Commission Member	2011-2014
Celal Bayar University, Mechanical Engineering	Head, Commission for Strategic Planning	2011-2012
Dokuz Eylül University, İzmir Vocational School	Coordinator, Construction Program	2009-2011
Dokuz Eylül University, İzmir Vocational School	Member, Scholarship Commission	2004-2007
KOSGEB Manisa Service Center Directorate	Research-Development, Innovation and Industrial Application Support Program Board Member	2012-2014
KOSGEB Manisa Service Center Directorate	Research-Development, Innovation and Industrial Application Support Program Project Observer	2012-2014

THESIS

M.S.	Structural lightweight aggregate concrete (Advisor: Prof. Dr. Vedat Yerlici)
Ph.D.	Nonlinear vibrations of suspension bridges (in Turkish) (Advisor: Associate Prof. Dr. Mehmet Pakdemirli)

Research Interests	Mechanical vibrations, Applied mathematics, Finite Element Method, Taylor series solutions, Perturbation techniques, Composite materials, Functionally graded materials, Solid mechanics
Foreign Language	English (Advanced; 2005 ÜDS: 91.25; 2007 KPDS: 94)

ORIGINAL PUBLICATIONS

Articles Published in Journals Indexed by SCI-Expanded

1	Ü. Dinçer, M. Çevik, "Improved trajectory planning of an industrial parallel mechanism by a composite polynomial consisting of Bézier curves and cubic polynomials", Mechanism and Machine Theory, Vol.132, 248-263, 2019. https://doi.org/10.1016/j.mechmachtheory.2018.11.009
2	T. Akderya, M. Çevik, "Investigation of thermal-oil environmental ageing effect on mechanical and thermal behaviours of E-glass fibre/epoxy composites", Journal of Polymer Research, Vol.25, No.214, 1-21, 2018. doi.org/10.1007/s10965-018-1615-2
3	T. Akderya, M. Çevik, O. Sayman, "Influence of thermal ageing on tensile performance of E-glass fibre/epoxy composite joints bonded with a diverse set of adhesives", The Journal of Adhesion, Vol. 96, No.6, 539-564, 2020. doi.org/10.1080/00218464.2018.1480371
4	S. Sınır, M. Çevik, B. G. Sınır, "Nonlinear free and forced vibration analyses of axially functionally graded Euler-Bernoulli beams with non-uniform cross-section", Composites Part B, Vol. 148, 123-131, 2018. doi.org/10.1016/j.compositesb.2018.04.061
5	M. M. Bahşı, A. Kurt Bahşı, M. Çevik, M. Sezer, "Improved Jacobi matrix method for the numerical solution of Fredholm integro-differential-difference equations", Mathematical Sciences, Vol. 10, 83-93, 2016. doi:10.1007/s40096-016-0181-1
6	M. M. Bahşı, M. Çevik, M. Sezer, "Orthoexponential polynomial solutions of delay pantograph differential equations with residual error estimation", Applied Mathematics and Computation, Vol.271, 11-21, 2015. doi:10.1016/j.amc.2015.08.101
7	M. Çevik, M. M. Bahşı, M. Sezer, "Solution of the delayed single degree of freedom system equation by exponential matrix method", Applied Mathematics and Computation, Vol.242, 444-453, 2014. doi:10.1016/j.amc.2014.05.111
8	Mehmet Çevik, "Application of Taylor Matrix Method to the Solution of Longitudinal Vibration of Rods", Mathematical and Computational Applications, Vol. 15, No.3, 334-343, 2010.
9	Mehmet Çevik, "Effects of Fiber Orientation on Out-of-plane and In-plane Natural Frequencies of Angle-ply Laminated Composite Arches", Journal of Reinforced Plastics and Composites, Vol.28, No.1, 59-71, 2009. doi: 10.1177/0731684407083003
10	N. Kurt, M. Çevik, "Polynomial Solution of the Single Degree of Freedom System by Taylor Matrix Method", Mechanics Research Communications, Vol.35, No.8, 530-536, 2008. doi:10.1016/j.mechrescom.2008.05.001
11	Mehmet Çevik, "Elastic-Plastic Thermal Stress Analysis of an Aluminum Metal-Matrix Composite Arch Under Steady-State Temperature Distribution", Science and Engineering of Composite Materials, Vol.14, No.1, 57-66, 2007. DOI: 10.1515/SECM.2007.14.1.57
12	Mehmet Çevik, "An Elastic-Plastic Thermal Stress Analysis of Cross-ply and Angle-ply Aluminum Metal-Matrix Composite Arches", Journal of Reinforced Plastics and Composites, Vol.26, No.2, 169-181, 2007. doi: 10.1177/0731684407070024
13	M. Çevik, M. Pakdemirli, "Non-linear Vibrations of Suspension Bridges with External Excitation", International Journal of Non-linear Mechanics, Vol.40, No.6, 901-923, 2005. doi:10.1016/j.ijnonlinmec.2004.11.002

Articles Published in Other International Refereed Journals

1	M. M. Bahşı and M. Çevik, " Improved Jacobi Matrix Method for Solving Multi-Functional Integro-Differential Equations with Mixed Delays", Celal Bayar University Journal of Science, Vol. 16, No. 4, 393-401, 2020. doi:10.18466/cbayarfbe.716634
2	F. C. Can, Ö. Lapçin, B. Ayan, M. Çevik "Human Machine Interface Design for a 3 DoF Robot Manipulator", Universal Journal of Mechanical Engineering, Vol. 6, No. 3, 47-53, 2018. doi:10.13189/ujme.2018.060301

3	M. M. Bahşı, M. Çevik and M. Sezer "Jacobi polynomial solutions of Volterra integro-differential equations with weakly singular kernel", <i>New Trends in Mathematical Sciences</i> , Vol. 6, No. 3, 24-38, 2018. doi.org/10.20852/ntmsci.2018.291
4	M. M. Bahşı and M. Çevik, "Numerical Solution of Pantograph-Type Delay Differential Equations using Perturbation-Iteration Algorithms", <i>Journal of Applied Mathematics</i> , Vol. 2015, Article ID 139821, 10 pages, 2015. doi:10.1155/2015/139821
5	M. M. Bahşı and M. Çevik, "Taylor Matrix Solution of the Mathematical Model of the RLC Circuits," <i>Mathematical and Computational Applications</i> , Vol. 18, No.3, 467-475, 2013.
6	Mehmet Çevik, "In-plane Vibration Analysis of Symmetric Angle-ply Laminated Composite Arches", <i>Gazi University Journal of Science</i> , Vol. 23, No.2, 187-199, 2010.

Articles Published in National Refereed Journals

1	Ö. Sunar ve M. Çevik, "Tek katlı yaprak yaylarda sonlu elemanlar yöntemi ile yorulma analizi," <i>C.B.Ü. Fen Bilimleri Dergisi</i> , Cilt 11, Sayı 1, 1-6, 2015.
2	Mehmet Çevik, "Effect of Fiber Angle on Out-of-plane and In-plane Natural Frequencies of Laminated Composite Beams", <i>Sigma Mühendislik ve Fen Bilimleri Dergisi</i> , Cilt 26, Sayı 2, 112-123, 2008.
3	Mehmet Çevik, "Çapraz-Tabakalı ve Açılı-Tabakalı Kompozit Konsol Kirişlerin Serbest Titreşim Analizi", <i>Fırat Üniversitesi Fen ve Mühendislik Bilimleri Dergisi</i> , Cilt 19, Sayı 2, 139-145, 2007.
4	Mehmet Çevik, "Thermal Elastic-Plastic Stress Analysis of Steel Fiber Reinforced Aluminum Metal-Matrix Composite Arches", <i>Sigma Mühendislik ve Fen Bilimleri Dergisi</i> , Cilt 24, Sayı 4, 92-99, 2006.

International Conference/Congress Proceedings

1	O. Lalaj Şen, M. Çevik and A. H. Kayhan, "Sectional Ductility of Wide Beams" <i>Proc. 5th International Students Science Congress</i> , İzmir, 1-6, May 21-22, 2021. doi.org/10.52460/issc.2021.051
2	S. Yıldırım, U. Çoban and M. Çevik, "An Improved Control Arm Design for a Commercial Vehicle" <i>Proc. 5th International Students Science Congress</i> , İzmir, 1-7, May 21-22, 2021. doi.org/10.52460/issc.2021.036
3	A. N. Diambu and M. Çevik, "Finite Element Vibration Analysis of a Functionally Graded Plate" <i>Proc. 5th International Students Science Congress</i> , İzmir, 1-12, May 21-22, 2021. doi.org/10.52460/issc.2021.043
4	S. Dayı and M. Çevik, "Design and Production of a New Smaller Diameter Axial Bearing Subjected to High Wear Loads" <i>Proc. 5th International Students Science Congress</i> , İzmir, 1-9, May 21-22, 2021. doi.org/10.52460/issc.2021.05142
5	O. Lalaj and M. Çevik, "Collapse Fragility of Wide Beam Frames using the Simplified Method of FEMA P-58" <i>Proc. 4th International Students Science Congress</i> , İzmir, 80-85, September 18-19, 2020.
6	S. Sınır, M. Çevik and B. G. Sınır, "Linear Vibration Analysis of Axially Forced Euler-Bernoulli Beam Graded Trigonometric Material with Variable Cross-Section" <i>Proc. 4th International Students Science Congress</i> , İzmir, 385-391, September 18-19, 2020.
7	K. Vatanserver, M. Demirbağ and M. Çevik, "Bir Gıda Üretim Tesisinde Konfor Soğutmada Amonyak ve Freon R-134a Akışkanlı Sistemlerin Verimliliklerinin Karşılaştırılması" <i>Proc. 4th International Students Science Congress</i> , İzmir, 419-423, September 18-19, 2020
8	O. Lalaj, M. Çevik and A. H. Kayhan, "Seismic Demand on 4-story Limited Ductility Class Frames Designed according to TBEC2018" <i>Proc. 5th International Conference on Earthquake and Seismology (5ICEES)</i> , Ankara, October 8-11, 2019.
9	A. D. Ngimbi and M. Çevik, "Finite Element Stress Analysis of a Functionally Graded Plate" <i>Proc. 3rd International Students Science Congress</i> , İzmir, 517-523, May 3-4, 2019.
10	S. Sınır, M. Çevik and B. G. Sınır, "Free Vibration Analysis of Axially Exponentially Functionally Graded Beams by Differential Quadrature Method" <i>Proc. 3rd International Students Science Congress</i> , İzmir, 491-496, May 3-4, 2019.
11	S. Çayan, M. Sezer and M. Çevik, "Pell Matrix Collocation Method for Solving Polynomials" <i>Proc. 3rd International Students Science Congress</i> , İzmir, 281-289, May 3-4, 2019.
12	M. K. Guzunza and M. Çevik, "Free Coupled Vibrations of Angle-Ply Laminated Composite Cantilever Beams" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 22-30, May 4-5, 2018.

13	S. Çayan, M. Sezer and M. Çevik, "A Numerical Solution of Cauchy Problem for Partial Differential Equations by Means of Pell Polynomials" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 102-108, May 4-5, 2018.
14	M. M. Bahşı ve M. Çevik, "A New Perturbation-Iteration Method for Solving Delay Differential Equations" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 122-126, May 4-5, 2018.
15	L. T. Aktaş and M. Çevik, "Finite Element Analysis of Material and Parameter Effects in Ballistic Armors" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 165-168, May 4-5, 2018.
16	S. Sınır and M. Çevik, "Forced Vibration Analysis of Axially Functionally Graded Euler-Bernoulli Beam with Trigonometric Material Gradient" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 185-192, May 4-5, 2018.
17	T. Akderya and M. Çevik, "Influence of Thermal-oil Ageing on Mechanical and Thermal Properties of E-Glass Fibre/Epoxy Composites" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 193-197, May 4-5, 2018.
18	Ü. Dinçer and M. Çevik, "Design and Manufacture of an Industrial Low Cost Pick-and-Place Parallel Mechanism," <i>Proc. 2nd International Students Science Congress</i> , İzmir, 196-201, May 4-5, 2018.
19	E. Ö. Akkaş, G. S. Akdeniz, A. Aykaç, M. Erol, M. Çevik and F. Güneş, "Carbon Fiber Reinforced Acrylic Bone Cements: An Investigation on the Effects of Various Electrochemical Surface Modifications on the Mechanical Properties" <i>Proc. 2nd International Students Science Congress</i> , İzmir, 223-226, May 4-5, 2018.
20	O. Lalaj and M. Çevik, "Comparison of Stiffness and Ductility of Conventional and Wide Beam Reinforced Concrete Frames" <i>Proc. 4th Int. Conference on Earthquake Engineering and Seismology</i> , Eskişehir, October 11-13, 2017.
21	S. Sınır and M. Çevik, "Taylor Matrix Solution of Euler-Bernoulli Beam Equation subjected to Static Loads" <i>Proc. 4th Int. Conference on Mathematical and Computational Applications</i> , Manisa, 382-389, June 11-13, 2013.
22	N. S. Köksal, A. Kayapınar and M. Çevik, "Fatigue Analysis of a Notched Cantilever Beam using Ansys Workbench" <i>Proc. 4th Int. Conference on Mathematical and Computational Applications</i> , Manisa, 111-118, June 11-13, 2013.
23	N. Baykuş, M. Çevik and M. Sezer, "Numerical Solution of the Single Degree of Freedom System by a Practical Collocation Method Based on the Chebyshev Polynomials" <i>Proc. 2nd Int. Symposium on Computing in Science & Engineering</i> , Kuşadası, 238-244, June 1-4, 2011.
24	E. Özkaya and M. Çevik, "Transverse Vibrations of Fluid Conveying Pipes with Small Flexural Stiffness" <i>Proc. 3rd Int. Conference on Mathematical and Computational Applications</i> , Konya, 69-78, September 4-6, 2002.
25	M. Çevik ve M. Pakdemirli, "Asma Köprülerin Nonlineer Serbest Titreşimleri" <i>Proc. 2nd Int. Conference on Mathematical and Computational Applications</i> , Baku, Azerbaijan, 205-215, September 1-3, 1999.

National Conference/Congress Proceedings

1	M. M. Bahşı ve M. Çevik, "Troesch Probleminin Perturbasyon İterasyon Yöntemi ile Analizi" <i>XX. Ulusal Mekanik Kongresi</i> , 722-727, Bursa, 06-09 Eylül 2017.
2	S. Sınır ve M. Çevik, "Eksenel olarak Polinomial Fonksiyonel Derecelendirilmiş Malzemeden Nonlineer Euler-Bernoulli Kirişinin Serbest Titreşim Analizi" <i>XX. Ulusal Mekanik Kongresi</i> , 706-721, Bursa, 06-09 Eylül 2017.
3	Ö. Sunar ve M. Çevik, "Yaprak Yaylarda Sonlu Elemanlar Yöntemi ile Yorulma Analizi" <i>XIX. Ulusal Mekanik Kongresi</i> , 884-892, Trabzon, 24-28 Ağustos 2015.
4	M. M. Bahşı ve M. Çevik, "Eksenel Yükleme Maruz Değişken Kesitli Euler-Bernoulli Kirişinin Üstel Matris Yöntemi ile Enine Titreşim Analizi" <i>XVIII. Ulusal Mekanik Kongresi</i> , 94-104, Manisa, 26-30 Ağustos 2013.
5	S. Sınır ve M. Çevik, "Üç Serbestlik Dereceli Kütle-Yay Sisteminin Serbest Titreşim Analizi için Taylor Matris Yaklaşımı" <i>XVIII. Ulusal Mekanik Kongresi</i> , 581-588, Manisa, 26-30 Ağustos 2013.
6	M. Çevik ve N. Baykuş, "Tek Serbestlik Dereceli Titreşim Sisteminin Laguerre Polinomları ile Matris Çözümü" <i>XVII. Ulusal Mekanik Kongresi</i> , 229-236, Elazığ, 5-9 Eylül 2011.
7	M. Çevik ve N. Baykuş, "Tek Serbestlik Dereceli Titreşim Sisteminin Taylor Matris Yöntemi ile Polinom Çözümü" <i>XVI. Ulusal Mekanik Kongresi</i> , 427-431, Kayseri, 22-26 Haziran 2009.

8	Mehmet Çevik, "Basit Mesnetli Simetrik Çapraz- ve Açılı-tabakalı Kompozit Kirişlerin Etkileşimli Serbest Titreşimleri" <i>XV. Ulusal Mekanik Kongresi</i> , 287-297, Isparta, 3-7 Eylül 2007.
9	M. Çevik, E. Özkaya ve M. Pakdemirli, "Asma Köprülerin Tabii Frekanslarının Yapay Sinir Ağları ile Hesaplanması" <i>Bilim Günleri</i> , 187-191, Denizli, 5-7 Mayıs 1999.
10	Mehmet Çevik, "Yüksek Fırın Cürufu ve Uçucu Külden Taşıyıcı Hafif Agrega Üretimi" <i>Endüstriyel Atıkların İnşaat Sektöründe Kullanılması Sempozyumu</i> , 235-242, Ankara, 18-19 Kasım 1993.

Books & Chapters in Books

1	Editor-in-Chief, 5 th International Students Science Congress, Proceedings Book, İzmir Kâtip Çelebi University Publications No: 23, E-ISBN: 978-605-70737-2-3, 2021.
2	Editor-in-Chief, 4 th International Students Science Congress, Proceedings Book, İzmir Kâtip Çelebi University Publications No: 17, E-ISBN: 978-605-81050-6-5, 2020.
3	Editor-in-Chief, 3 rd International Students Science Congress, Proceedings Book, İzmir Kâtip Çelebi University Publications No: 12, E-ISBN: 978-605-81050-1-0, 2019.
4	Editor-in-Chief, 2 nd International Students Science Congress, Proceedings Book, İzmir Kâtip Çelebi University Publications No: 11, E-ISBN: 978-605-81050-0-3, 2018.
5	Editor, Architectural Works of the World. UDEF Publications, 2020.
6	Editor, Musical Instruments of the World. UDEF Publications, 2019.

Other Publications

1	Unpublished Conference Paper – O. Lalaj and M. Çevik, "Analytical Calculation of Displacement for Wide Beam Frame for Various Elastic Spectra" <i>3rd International Students Science Congress</i> , İzmir, p.40, May 3-4, 2019.
2	Unpublished Conference Paper – O. Lalaj and M. Çevik, "Numerical Modeling of Reinforced Concrete Beam-Column Connection" <i>2nd International Students Science Congress</i> , İzmir, p.53, May 4-5, 2018.
3	Unpublished Conference Paper – O. Lalaj and M. Çevik, "Assessment of Sectional Behavior and Rotation Ductility of Reinforced Concrete Beams via Numerical Analyses," <i>International Students Science Conference</i> , İzmir, May 5-6, 2017.
4	Unpublished Conference Paper –M. Çevik and M. Mustafa Bahşı, "Jacobi Collocation Method for Solving Mathieu Equation," <i>International Students Science Conference</i> , İzmir, May 5-6, 2017.
5	Unpublished Conference Paper – S. Sınır and M. Çevik, "Free Vibration Analysis of Non-Linear Euler-Bernoulli Beam with Non-Uniform Cross Section," <i>International Students Science Conference</i> , İzmir, May 5-6, 2017.
6	Unpublished Conference Paper – T. Akderya and M. Çevik, "Influence of Thermal Cycling on Mechanical Properties of Composite Joints Bonded with Brittle Characteristic Adhesive," <i>International Students Science Conference</i> , İzmir, May 5-6, 2017.
7	Unpublished Conference Paper – M. M. Bahşı and M. Çevik, "Jacobi Collocation Method for Numerical Solutions of the Fractional Convection-Diffusion Equations with Variable Coefficients," <i>Int. Conference on Advances in Applied and Computational Mechanics</i> , İzmir, August 5-7, 2015.
8	Unpublished Conference Paper – Ö. Sunar and M. Çevik, "Finite Element Modeling of Leaf Springs for the Prediction of Fatigue Life," <i>Int. Conference on Advances in Applied and Computational Mechanics</i> , İzmir, August 5-7, 2015.
9	Unpublished Conference Paper – N. Baykuş, M. Çevik and M. Sezer, "Laguerre Polynomial Solution of Fredholm Integro-Differential Equations by a Practical Matrix Method", <i>Int. Conference on Applied Analysis and Algebra</i> , Yıldız Technical University, Istanbul, June 29-July 2, 2011.
10	Unpublished Conference Paper – M. Çevik, "Out-of-plane Vibration Analysis of Symmetric Angle-ply Laminated Composite Arches", <i>1st Int. Symposium on Computing in Science & Engineering</i> , Kuşadası, June 3-5, 2010.
11	Unpublished Conference Paper – M. Çevik, "Elastik çubukların burulma titreşimlerinin Taylor matris yöntemi ile çözümü", <i>IX. Dinamik Sistemler Çalıştayı</i> , İzmir, Haziran 2009.
12	LETTER TO THE EDITOR – M. Çevik, E. Özkaya and M. Pakdemirli, "Natural Frequencies of Suspension Bridges: An Artificial Neural Network Approach," <i>Journal of Sound & Vibration</i> , 257 , 596-604 (2002).

# of Articles in SCI-Expanded	13	# of Citations	229
h-index	8	i10-index	8

SCIENTIFIC JOURNALS EDITORIAL		
Journal	Position	Years
Scientific Research Communications	Editor-in-Chief and Publisher	2021-

ORGANIZING ACTIVITIES IN SYMPOSIUM & CONGRESS		
	Name of Activity	Year
1	6 th International Students Science Congress, May 20-21, İzmir, Türkiye. (Congress Chair)	2022
2	5 th International Students Science Congress, May 21-22, İzmir, Türkiye. (Congress Chair)	2021
3	4 th International Students Science Congress, September 18-19, İzmir, Türkiye. (Congress Chair)	2020
4	3 rd International Students Science Congress, May 3-4, İzmir, Türkiye. (Congress Chair)	2019
5	2 nd International Students Science Congress, May 4-5, İzmir, Türkiye. (Congress Chair)	2018
6	International Students Science Conference, May 5-6, 2017, İzmir, Türkiye. (Congress Chair)	2017
7	XVIII. National Mechanics Congress, August 26-30, 2013, Manisa, Türkiye (Head of Local Committee)	2013
8	Fourth International Symposium on Mathematical and Computational Applications, 11-13 June 2013, Manisa, Türkiye.	2013
9	Second International Symposium on Mathematical and Computational Applications, Baku, Azerbaijan.	1999
10	First Symposium on Mathematical and Computational Applications, Manisa, Türkiye.	1996

PROJECTS				
	Date	Institution	Subject	Position
1	2019-2021	TÜBİTAK 3501	Investigation of mechanical and thermal properties of carbon fiber reinforced composite bone cement modified with ZnO nanostructures by electrochemical coating and anodizing method, Project No: 119M092	Researcher
2	2017	İÇÜ-BAP	Investigation of effects of thermal ageing and thermal fatigue on mechanical, thermal and fractographic properties of carbon fiber epoxy, glass fiber epoxy and adhesively bonded glass fiber epoxy composite materials, Project No: 2017-TDR-FEBE-0030	Executer
3	2016-2017	İÇÜ-BAP	A novel mathematical method for reducing vibration in machine tools, Project No: 2016-GAP-MÜMF-0006	Executer
4	2014-2015	SAN-TEZ	Fatigue crack behavior in leaf springs and modeling leaf life by finite element method and verification by physical tests, Project No: 0369.STZ.2013-2	Executer
5	2014-2015	CBÜ-BAP	Analysis of delay differential equations via perturbation-iteration method, Project No: 2014-077	Supervisor
6	2014-2015	CBÜ-BAP	Vibration analysis of variable section functionally graded material (FGM) beams, Project No: 2013-141	Supervisor
7	2012-2013	TÜBİTAK 2209	Design of a new Go-kart chassis and prototype manufacturing	Advisor

8	2006-2007	TÜBİTAK 1002	Free vibration analysis of angle-ply laminated composite beams, Project No: 106M154	Executer
9	1999-2001	DPT	Linear and nonlinear vibrations of suspension bridges, Project No: 99K120240	Researcher
10	2014-2015	YTB	Field Research for the basic problems, expectations and satisfaction of international students in İzmir	Responsible for the Project
11	2004	KIOS	Training Trainers for Human Rights Education KIOS – The Finnish NGO Foundation for Human Rights	Project Assistant

MENTORING ACTIVITIES

Masters Students

1	Özgün Sunar, Fatigue analysis of leaf springs by finite element method, 2015.
2	Ünsal Dinçer, Design and manufacture of a two degrees-of-freedom prototype parallel mechanism, 2017.
3	Özer Tatar, The solution of Euler-Bernoulli beam vibration equations by Taylor matrix method, 2018.
4	Latif Tibet Aktaş, Finite element analysis of material and parameter effects in ballistic armors, 2018.
5	Onur Elvan, Graphene coating on several materials by various methods and determination of their mechanical and electrical properties, 2021.
6	Sinan Dayı, Design and production of a new smaller diameter axial bearing subjected to high wear loads, 2021.
7	Volkan Görüş, Predicting the results of the pipe bending process with machine learning algorithms, ongoing.
8	Sinan Yıldırım, An improved control arm design for a commercial vehicle, ongoing.

Doctoral Students

1	Tarkan Akderya, Investigation of effects of thermal ageing and thermal fatigue on mechanical properties of adhesively bonded e-glass fibre/epoxy composite materials, 2018.
2	Sümeyye Sınır, Nonlinear vibration analysis of functionally graded material beams with non-uniform cross section, 2019.
3	M. Mustafa Başı, The analysis of delay differential equations with perturbation-iteration method, 2019.
4	Ornela Lalaj, Revision of linear and nonlinear analyses procedures to be used on wide beam framed RC structures, ongoing.
5	Latif Tibet Aktaş, Investigation of the effects of prismatic and spherical ceramics on ballistic armor strength, ongoing.
6	Alif Ngimbi Diambu, Investigation of interface effects on mechanical and thermal properties of tropical fibers reinforced bio-composites, ongoing.
7	Ahmet Karataş; Design, analysis and prototype manufacturing of a high speed filling valve that can simultaneously fill liquid and solid particles together, ongoing.

REFEREE ACTIVITIES

Journal	International	26	Congress, Symposium	International	55
	National	18		National	6

MEMBERSHIPS

	Association	Years
1	UCTEA Chamber of Civil Engineers, İzmir Branch	1994-
2	Association of Architects and Engineers Group, İzmir Branch	2007-
3	İzmir International Guest Student Association	2011-
4	İzmir Thought and Research Association Center	2012-

AWARDS AND HONORS		
	Institution	Years
1	Tübitak Publication Award (13 times)	2005-2020

COURSES GIVEN IN THE LAST TWO YEARS				
Year	Semester	Place	Course Name	Level
2020-2021	Fall	İzmir Kâtip Çelebi Uni. Mechanical Engineering	Computer Applications in Mechanical Engineering	Undergrad.
		İzmir Kâtip Çelebi Uni. Mechanical Engineering	Finite Element Method	Graduate
		İzmir Kâtip Çelebi Uni. Energy Engineering	Sustainable Energy Systems	Graduate
		İzmir Kâtip Çelebi Uni. Occupational Health & Safety	Scientific Research Methods and Publication Ethics	Graduate
2019-2020	Spring	İzmir Kâtip Çelebi Uni. Mechanical Engineering	Strength of Materials 2	Undergrad.
		İzmir Kâtip Çelebi Uni. Energy Engineering	Sustainable Energy Systems	Graduate
		İzmir Kâtip Çelebi Uni. Mechanical Engineering	Advanced Vibration Analysis	Graduate
2019-2020	Fall	İzmir Kâtip Çelebi Uni. Mechanical Engineering	Computer Applications in Mechanical Engineering	Undergrad.
		İzmir Kâtip Çelebi Uni. Mechanical Engineering	Finite Element Method	Graduate
2018-2019	Spring	İzmir Kâtip Çelebi Uni. Mechanical Engineering	Strength of Materials 2	Undergrad.
		İzmir Kâtip Çelebi Uni. Mechanical Engineering	Computer Aided Engineering Drawing 1	Undergrad.
		İzmir Kâtip Çelebi Uni. Mechanical Engineering	Advanced Vibration Analysis	Graduate

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