

Curriculum Vitae of Murude Celikag

Academic Title : Associate Professor Dr.
Status : Lecturer, Department of Civil Engineering
Professional Title : Chartered Engineer, MICE-UK, Eur Ing, FEANI, AM ASCE
Date / Place of Birth : 17/02/1962, Nicosia, Cyprus
Nationality : Cypriot, British
Gender : Female
Marital Status : Married with two sons
Address : 40 Uzunyol Sokak, Gonyeli – North Cyprus
Office Tel : +90 630 1231
E-mail : murude.celikag@emu.edu.tr

EDUCATION

Qualification	Major Field of Study	Degree Awarding Body/Institute	Date
Ph.D.	Structural Engineering	University of Sheffield, UK	25/05/90
M.Phil.	Structural Engineering	University of Sheffield, UK	30/05/86
B.Eng. (High.Hons.) (Rank No.1)	Civil Engineering	Higher Techn. Inst., North Cyprus(Now Eastern Mediterranean Univ.)	03/08/84

EMPLOYMENT

Academic Experience

Rank	Department	Institution	Years
Assoc. Prof. Dr.	Civil Engineering Dept.	Eastern Mediterranean University	2016-present
Asst. Prof. Dr.	Civil Engineering Dept.	Eastern Mediterranean University	2005-16
Visiting Asst. Prof. Dr.	Civil Engineering Dept.	Eastern Mediterranean University	2000-05
Instructor (Full-Time)	Univ. General Reqs. Unit	United Arab Emirates Univ., Al Ain	2000
Adjunct Prof. Dr.	Civil Engineering Dept.	United Arab Emirates Univ., Al Ain	1997-98
Instructor (Part-Time)	Civil & Structural Eng. Dept.	Univ. of Sheffield, Sheffield, UK	1986-89
Teaching Assistant	Civil Engineering Dept	Higher Technological Institute (Eastern Mediterranean Univ.)	1983-84

Professional Experience

Company/Organization	Job Title	Year
British Steel Middle East (CORUS Middle East), Dubai, United Arab Emirates	Structural Advisory Engineer for Middle East	1998-00
National Engineering Consultants, Al-Ain , United Arab Emirates	Civil & Structural Engineer	1996-97
Kvaerner Process (formerly John Brown Engineers & Constructors Limited), Portsmouth-UK	Civil & Structural Engineer	1990-96
Kvaerner Process (formerly John Brown Engineers & Constructors Limited), Singapore	Structural / Architectural Coordinator	1990-91
Behzat Aziz Beyli Architectural Office, North Cyprus	Assistant Engineer & Draughtsman	1980-84

Administrative Positions

Company/Organization	Job Title	Year
Eastern Mediterranean University	Rector's Advisor – Technical, Institutional Relations	2015-16
ROBUST Engineering and Consultancy	Director	2010-present
Eastern Mediterranean University	Chair, Dept of Civil Engineering	2010-13
Eastern Mediterranean University	Chair, Dept of General Education	2006-10
Eastern Mediterranean University	Vice Chair, Civil Eng. Dept	2001-04
CORUS Middle East (formerly British Steel Middle East), Dubai, United Arab Emirates	Structural Advisory Eng., Gulf and Middle East	1998-00
Kvaerner Process (formerly John Brown Engineers & Constructors Limited), Portsmouth-UK	Assistant Lead Engineer	1995-96
Kvaerner Process (formerly John Brown Engineers & Constructors Limited), Site Office, Grimsby-UK	Buildings Contract Site Coordinator Ciba-Geigy Project	1991-92
Kvaerner Process (formerly John Brown Engineers & Constructors Limited), Singapore	Structural / Architectural Coordinator	1990-91

PUBLICATIONS:

SCI JOURNALS

1. H. Alhendi and **M Celikag**, "Finite element prediction of reverse channel connections to tubular columns", *Engineering Structures*, Vol.100, Issue. Oct 2015, pp.599-609.
<http://dx.doi.org/10.1016/j.engstruct.2015.06.040>

SCI-EXPANDED JOURNALS

2. H. Alhendi and **M Celikag**, "Behaviour of reverse-channel and double-reverse-channel connections to tubular columns with HSS", *Journal of Constructional Steel Research*, Vol.112 Issue.Sep 2015, pp.271–281. <http://dx.doi.org/10.1016/j.jcsr.2015.05.017>
3. S. Moazam, Z.Nalbantoğlu, M. Celikag, "Use of Finite Point Method for Wave Propagation in Nonhomogeneous Unbounded Domains", *Mathematical Problems in Engineering*, Hindawi Publishing Corporation, Vol 2015, 9 Feb 2015, Article ID 914207, 9 pages.
4. H. Alhendi and **M Celikag**, "Parametric study on moment-rotation characteristics of reverse channel connections to tubular columns", *Journal of Constructional Steel Research*, Vol.104 , Issue.Jan 2015, pp.261-273.
5. S. Moazam, B. Boroomand, S. Naimi, **M. Celikag**, "Wave Propagation in Unbounded Domains under a Dirac Delta Function with FPM", *Mathematical Problems in Engineering*, Hindawi Publishing Corporation, Vol 2014, 6 Feb 2014, Article ID 470346, 8 pages.
6. Reza JalaliLarijani, **Murude Celikag**, Iman Aghayan and Mahdi Kazemi, "Progressive collapse analysis of two existing steel buildings using a linear static procedure", *Structural Engineering and Mechanics*, Vol. 48, No. 2 (2013), pp.207-220.
7. S Naimi, **M Celikag**, A A. Hedayat, "Ductility Enhancement of post-Northridge connections by multi longitudinal voids in the beam web", *The Scientific World Journal*, Vol. 2013, Article ID 515936, 14 pages.
8. Hedayat, A. A and **Çelikağ, M**, "Wedge design: A reduced beam web (RBW) connection for seismic regions", *Advances in Structural Engineering*, Vol.13, No:2, 2010, pp.263-290.
9. Hedayat, A. A and **Çelikağ, M**, "Fracture Moment and Ductility of Welded Connection", *Proceedings of ICE, Structures and Buildings*, Vol.162, Issue SB6, December 2009, pp.405-418.

10. Hedayat, A. A and **Çelikağ, M** "Post-Northridge connection with modified beam end configuration to enhance strength and ductility". *Journal of Constructional Steel Research*, Vol.65, Issue 7, July 2009, pp. 1413-1430.
11. **Çelikağ, M** "Economic aspects of using steel framed buildings with composite floor: case studies from United arab Emirates", *Construction and Building Materials Journal*, 2004, Vol 18/6, pp. 383-390, Elsevier Science Ltd., USA.

INTERNATIONAL REFEREED JOURNALS

1. Hedayat, A. A and **Çelikağ, M** "Enhancement of Panel zone (PZ) contribution to the ductility of post-Northridge welded connections", *WSEAS Transactions On Applied And Theoretical Mechanics*, Issue 5, Volume 3, May 2008, pp.165-174.

INTERNATIONAL BOOK CHAPTERS

1. Hedayat, A. A and **Çelikağ, M** 'Reduced beam web (RBW) connections with circular openings', *Structural Steel: Shapes and Standards, Properties and Applications*, Editor: Lena M. Becker, 2011 Nova Science Publishers, Inc., 2011, pp. 1-56.
2. **Çelikağ, M** and Kirby, P. A 'Standardized Method For Measuring 3-Dimensional Response Of Semi-Rigid Joints', *Connections In Steel Structures*, ed. R. Bjorhovde, J. Brozzetti and A. Colson, Elsevier Applied Science Publishers, 1987, pp.203-210.

INTERNATIONAL REFEREED CONFERENCE PAPERS

1. Sepehr Alizadehsalehi, Ozan Koseoglu, **Murude Celikag**, "Integration of Building Information Modeling (BIM) and Laser Scanning in Construction Industry", AEI 2015, 24-27 March 2015, Wisconsin, USA, pp.163-174.
2. Hashem Al Hindi, **Murude Celikag**, 'Effect Of Adding Large Scale Bracings Between Multi-Outrigger- Braced Tall Buildings', *ACE2014: Eleventh International Conference on Advances in Civil Engineering*, 21-25 October 2014, Istanbul, Turkey.
3. Mehdi Hosseinpour, **Murude Celikag**, Habib Akbarzadeh Bengar, 'Seismic Behavior Of Pre-Stressed Concrete Bridge Column', *Eleventh International Conference on Advances in Civil Engineering*, 21-25 October 2014, Istanbul, Turkey.
4. Muhammed Sehwal, **Murude Celikag**, 'Lateral Torsional Buckling of Steel I-Section Cellular Beams', *ACE2014: Eleventh International Conference on Advances in Civil Engineering*, 21-25 October 2014, Istanbul, Turkey.
5. **Murude Celikag**, Hashem Alhendi and Onur Ejder, 'Performance Evaluation Of 2-D Moment Frames With High Strength Steel End-Plate Connections', *12th International Conference on Steel, Space and Composite Structures*, 28-30 May 2014, Prague, Czech Republic. **[Keynote Paper] [ISI Cited]**
6. Hashem Al Hindi, Mazen AL_Bdoor, Serhan Şensoy, **Murude Celikag**, 'Seismic Performance Evaluation of Concrete-Encased Composite Beam-Columns', *ICESA 2014: International Civil Engineering & Architecture Symposium for Academicians*, 17-20 May 2014, *ICESA 2014: International Civil Engineering & Architecture Symposium for Academicians*, 17-20 May 2014, Antalya, Turkey, Vol. *Structural Engineering*, pp.234-242.
7. **Çelikağ, M** and Naimi, S, 'Building Construction in North Cyprus: Problems and Alternatives Solutions', *Proceedings of the Twelfth East Asia-Pacific Conference on Structural Engineering and Construction (Easec12)*, 24-26 January, Hong Kong Special Administrative Region, China, **Procedia Engineering**, Volume: 14, 2011. **[ISI Cited]**
8. Afsharghotli, A and **Celikag, M**, "The Interaction of Sustainable Building on Society, Environment and Economy of North Cyprus", *International Symposium "Steel Structures: Culture & Sustainability 2010"*, 21-23 September 2010, Istanbul, Turkey. 2010, pp.61-68
9. Naimi, S and **Çelikağ, M** 'Problems Of Reinforce Concrete Building Construction In North Cyprus', *Proceedings of the 12th International Conference on Inspection, Appraisal, Repairs and*

- Maintenance of Buildings and Structures*, 23 - 25 April, Yantai, China, Vols. 1 and 2, Pages: 821-828, 2010. [ISI Cited]
10. **Çelikağ, M** and M. Ozbilen, "Health and Safety Matters in Construction Industry in North Cyprus", *Proceedings of the 8th International Congress on Advances in Civil Engineering, ACE2008*, 15 – 17 September 2008, Gazimagusa, North Cyprus.
 11. Hedayat, A. A and **Çelikağ, M** "Increasing the contribution of strong panel zones to the plastic deformation capacity of post-Northridge welded connections", *Proceedings of the WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology (EMESG '08)*, 22-24 July, New Aspects Of Engineering Mechanics, Structures, Engineering Geology, Mathematics and Computers in Science and Engineering, Heraklion, Crete Island, Greece, pp.201-208, 2008. [ISI Cited]
 12. **Çelikağ, M** Ozbilen, and M "Inadequate Applications of Construction Industry in North Cyprus and Recommendations", *Proceedings of the 11th International Conference on Inspection, Appraisal, Repairs and Maintenance of Buildings and Structures*, 14-17 November 2007, Kyrenia, North Cyprus, pp.109-115
 13. Kızıldağ M., Basar E., **Çelikağ, M**, Atasoylu E., Mousavi S., "An Automated Attendance Monitoring and Registration System for EMU's SPIKE Seminar Series", *Proceedings of the 2nd International Conference on Integration of Information Technology in Science Education*, 16-18 January 2007, Gazi Magusa, North Cyprus.
 14. **Çelikağ, M**, and Ocal, C., "A Comparative Study of the Eurocode3 and BS 5950 Steel Design Codes", *Proceedings of the 8th International Conference on Steel, Space and Composite Structures*, 16-17 May 2006, Kuala Lumpur, Malaysia, pp.89-96.
 15. **Çelikağ, M**, and Bozkır, S "Feasibility of Using Structural Steel in North Cyprus and Turkey", *Proceedings of the 7th International Conference on Steel and Space Structures*, 2-3 October 2002, Singapore, pp.373-380.
 16. Bilsel, H, **Çelikağ, M**, Eren, O and Sensoy, S "Repairs to Teacher Training Academy RC Building in North Cyprus-Case Study", *Proceedings of the 7th International Conference on Inspection, Appraisal, Repairs and Maintenance of Buildings and Structures*, 11-13 September 2001, Nottingham-Trent University Campus, United Kingdom, pp.225-232.
 17. **Çelikağ, M** and Islam, S "Benefits of Conceptual Design for Steel Buildings: from Consultants (structural engineer and architect) Point of View", *Specialty Conference on the Conceptual Approach to Structural Design - a post conference event of the 26th Conference on Our World In Concrete & Structures-2001*, 29-30 August 2001, Singapore, pp. 109-116.
 18. **Çelikağ, M** and Kirby, P. A 'Out-Of-Plane Moment Rotation Response For Common Joints', *International Colloquium On Special Bolted Connections*, *Proceedings Of The Colloquium*, 15-20 May, 1989, Moscow, USSR, Vol.2, pp.136-139

NATIONAL CONFERENCE PAPERS

1. **Çelikağ, M**. "Yapı Malzemesi Seçimi Kültüre Mi Dayalı Yoksa Ekonomi ve Mantiğa Mı?", *Çelik Yapılar Sempozyumu*, Cilt I, s.41-52, TBMMO-IMO Ankara-Türkiye, 21-22 Nisan, 2005.

POSTER PRESENTATION

1. Afsharghotli, A and **Celikag, M**, "The Impacts Of Sustainable Building Development On Environment And Energy Consumption In North Cyprus", *International Conference on Clean Energy (ICCI-2010)*, Gazimagusa – N. Cyprus, 15-17 September.

INTERNATIONAL CONFERENCES ORGANIZATION AND EDITORSHIP

1. **Co-Chair and editor** of the proceedings for the 10th International Conference "Steel, Space and Composite Structures", which is organized by Building Sciences Research Center, EMU - CI Premier Pte Ltd-Singapore, 18-20 May 2011, Gazimagusa-North Cyprus.

2. **Chairperson and editor** of the 11th International Conference on "Inspection, Appraisal, Repair and Maintenance of Structure", BSRC-EMU and CI Premier Pte Ltd-Singapore, 14-17 November 2007, Kyrenia-North Cyprus.

JOURNAL REVIEWER (Over 60 papers has been reviewed)

1. Engineering Structures [SCI]
2. Island Studies Journal [SCI-
3. Steel and Composite Structures
4. Journal of Constructional Steel Research [SCI-E]
5. Proceedings of ICE: Structures and Buildings [SCI-E]
6. Proceedings of ICE: Civil Engineering [SCI-E]
7. Proceedings of ICE: History and Heritage
8. Proceedings of ICE: Forensic Engineering

PROFESSIONAL MEMBERSHIPS AND AWARDS

Membership to Professional Institutes/Societies:

Member of the Chamber of Civil Engineers in North Cyprus, 1984

Graduate Member of the Institution of Civil Engineers, ICE (UK), 1990

Chartered Engineer, C.Eng., MICE, Member of the Institution of Civil Engineers, ICE (UK), 1994

Eur. Ing., Member of the European Federation of National Eng. Assoc., FEANI, 1994

Member of the United Arab Emirates Society of Engineers, 1998

Associate Member of American Society of Civil Engineers, **AM ASCE**, 2008

Awards:

Ministry of Education + University Scholarship for Honors Students, 1980-1984, for the degree of B.Eng.

Council of Ministers Scholarship for top rank among 1984 graduates, 1984-1986, for the degree of M.Phil.

Commonwealth Universities Scholarship, 1986-1989, for the degree of PhD

ACTIVITIES

Other Activities: (Professional, Academic)

Building Sciences Research Center	Founding and Active Committee Member	2001-Date
Professional Chartered Engineers in UAE Joint Group	CPD Coordinator	1998-2000
Overseas Students Bureau at Sheffield University Students Union (over 1000 members)	Chairperson	1987-1989
Overseas Students Bureau at Sheffield University Students Union (over 1000 members)	General Secretary Committee Member	1984-1987
Tourist Guides Association, North Cyprus (400 members)	Vice-president	1979-1984

EXTERNAL/INTERNAL (SPONSORED) SCIENTIFIC PROJECTS

1. **"Health and Safety in Construction Site Management"**, Fund provided by The European Commission under the title Making the Labour Market More Inclusive III. (2009-10)
Amount of Funding: 48,845 Euro

Project was prepared on behalf of the **Union of the Chambers of Cyprus Turkish Engineers and Architects** and I acted as one of the Local Experts

2. **"Behaviour of Reduced Steel Beam Web (RBW) Connection"**, BAP-A-07-05, 2007, Type-A

Amount of Funding: 16,789 USD

Acted as the Principle Investigator

3. **"Çelik karkas yapılar da çelik kolon-kiriş bağlantılarının esnek ve depreme dayanıklı davranışı"**,

Ministry of National Education and Culture (MEKB-06-08), 2006, Type-B

Amount of Funding: 10,289 YTL (7,100 USD)

Acted as the Principle Investigator

INDUSTRIAL PROJECTS INVOLVED 1990-2000

a) CORUS Middle East at Dubai, United Arab Emirates

Jan 1998 – Jan 2000 : Involved in giving consultation to many international and national construction companies, such as, Hyder Consulting, W S Atkins, Maunsell, Halcrow, Parsons, Khatib and Alami, Mott Mac Donald, Emirates Building Systems etc.

b) JOHN BROWN ENG. & CONST. LTD., Portsmouth UK

(then became KVAERNER PROCESS and now it is AKER SOLUTIONS)

- **Feb 1995 - Aug 1996** : Dow Corning Project - Barry, UK.
- **Jun 1995 - Sep 1995** : PTA Polyprima - Indonesia
- **Apr 1993 - Jul 1994** : Huntsman Crystal Polystyrene Plant, Carrington, UK.
Chemdal Super Absorbent Chemical Plant, Birkenhead, UK.
Samad Petrochemical Plant, Saudi Arabia.
- **Feb 1992 - Mar 1993** : Ciba-Geigy Bulk Pharmaceutical Chemical Plant, Grimsby, UK.
(Construction Site)
- **Apr 1991 - Jan 1992** : Ciba-Geigy Bulk Pharmaceutical Chemical Plant, Grimsby, UK.
- **Dec 1990 - Mar 1991** : Fisons Pharmaceutical Plant, **Singapore (Construction Site)**
- **Jul 1990 - Nov 1990** : Fisons Pharmaceutical Plant, **Singapore.**
- **Jan 1990 - Jun 1990** : ICI PTA - Terephthalic Acid Plant, Taiwan.
ICI Monomer 8 Plant, Billingham, UK.
British Petroleum Petrochemical Plant, Barry, UK.
Glaxo Chemistry Pilot Plant, Stevenage, UK.

MS, PhD STUDENTS SUPERVISED

MS THESIS

1. **Ali Ghabelrahmat**, Thesis Title: "Comparison of the Behavior of Steel Structures with Concentric and Eccentric Bracing Systems", MS Thesis, EMU, February 2016
2. **Ali Setvatishayesteh**, Thesis Title: "Dynamic Time History and Pushover Analysis of Special Truss Moment Frames by Using Eurocodes", MS Thesis, EMU, January 2016
3. **Ashraf M.I. Milad**, Thesis Title: "Effect of infill wall on the seismic behaviour of steel framed structures", MS Thesis, EMU, October 2015
4. **Musab Nimir Ali Salih Ali**, Thesis Title: "Experimental moment-rotation behavior of semi-rigid beam-to-column connections", MS Thesis, EMU, August 2015
5. **Omar Al Mourad**, Thesis Title: "Effect of Building Height on the Seismic Behaviour of Steel Framed

- Structures”, MS Thesis, EMU, July 2015
6. **Abdul Rahman Obeid**, Thesis Title: “Health and Safety in Construction Industry of Lebanon”, MS Thesis, February 2015
 7. **Hani El Fawal**, Thesis Title: “Green Building Concept of Residential Housing in Lebanon”, MS Thesis, February 2015
 8. **Mahmoud El Cheikh Folfol**, Thesis Title: “Status of the Public Building Sustainability in Lebanon: A Case Study on Fares Library”, MS Thesis, February 2015
 9. **Chia Mohammadjani**, Thesis Title: “Linear Static and Nonlinear Dynamic Analyses on Collapse Behaviors of Staggered-Truss Systems”, MS Thesis, February 2015
 10. **Mani Imani**, Thesis Title: " Structural Evaluation of Tied-Arch and Truss Footbridges through a Case Study ", MS Thesis, September 2014
 11. **Mohammad Mofeed Sehwal**, Thesis Title: “Lateral Torsional Buckling of Steel I-Section Cellular Beams”, MS Thesis, August 2013
 12. **Amirkhosra Karimi**, Thesis Title: “Development of Lightweight Calcium-Magnesium based Panels (LCMP) as a thermal insulation for structures”, MS Thesis, July 2013.
 13. **Sepideh Fadaei**, Thesis Title: "Comparison of Progressive Collapse In Steel Buildings with I-Beams and Truss Beams”, MS Thesis, August 2012.
 14. **Sepehr Alizadeh**, Thesis Title: “Integration of Building Information Modeling and Laser Scanning in Construction Industry”, MS Thesis, July 2012. (*Co-supervisor Asst.Prof.Dr. Ozan Koseoglu*)
 15. **Nariman Afzali**, Thesis Title: “Ductile Behavior of Steel Beam to Column Connections”, MS Thesis, Jul 2012.
 16. **Aria Aghajani Namin**, Thesis Title: “Behavior of Arched and Cable-Stayed Bridges Subjected to Wind and Seismic Loading”, MS Thesis, June 2012.
 17. **Onur Ejder**, Thesis Title: “Comparison of Reinforced concrete framed buildings with Reinforced concrete buildings extended with Steel Frame”, MS Thesis, Jun 2012
 18. **Reza Jalali Larijani**, Thesis Title: “Progressive Collapse Analysis of Two Existing Steel Buildings Using Linear Procedure”, MS Thesis, January 2012.
 19. **Ahmed Zaid Shams-Al**, Thesis Title: “Progressive Collapse Analysis of Four Existing Reinforced Concrete Buildings Using Linear Procedure”, MS Thesis, January 2012.
 20. **Seyed Mehrdad Nourbakhsh**, Thesis Title: “Inelastic Behavior of Eccentric Braces in Steel Structure”, MS Thesis, December 2011.
 21. **Maryam Mansouri**, Thesis Title: “Optimization of Selected 2-D Steel Truss Shapes Using a New Mathematical Formulation”, MS Thesis, August 2011.
 22. **Mana Behnamasl**, Thesis Title: “Comparison of the behaviour and failure pattern of curved and straight types of steel shell roof structures”, MS Thesis, February 2010.
 23. **Alireza Afsharhotli**, Thesis Title: “Sustainability and Steel Housing in North Cyprus and Mediterranean Region”, MS Thesis, September 2009.
 24. **Sanaz Khoddam Abbassi**, Thesis Title: “The weight efficiency of wind bracing in steel framed buildings”, MS Thesis, June 2009.
 25. **Arash Farzam**, Thesis Title: “Comparison of Steel Bracing Systems in terms of Ductility and Weight of the Structure”, MS Thesis, February 2009.

26. **Mani Z. Anaraki**, "Comparison and optimal design selection of steel and RC framed building based on life cycle costing", MS Thesis, EMU, February 2008. (Co-supervisor Asst.Prof.Dr. Abdulrezak Mohammed)
27. **Cuneyt Ocal**, "Comparison of the international design codes for the analysis and design of structural frames", MS Thesis, EMU, July 2005
28. **Mehmet Ozbilen**, "Inadequate applications of construction industry in North Cyprus and recommendations", MS Thesis, EMU, January 2004
29. **Serife Bozkir**, "Feasibility of using structural steel in North Cyprus & Turkey", MS Thesis, EMU, January 2003.

PhD THESIS

1. **Saeid Moazzam**, Thesis Title: " Effect of Heavy Machinery Foundation on Surrounding Buildings ", PhD Thesis, Expected to finish July 2015. (Supervisor Assoc.Prof.Dr. Zalihe Nalbantoglu, Co-supervisor Asst.Prof.Dr. Murude Celikag)
2. **Hashem Alhendi**, Thesis Title: "Parametric Study on Moment-Rotation Characteristics of Reverse Channel Connections (RCC) to Tubular Columns", **PhD Thesis**, February 2015.
3. **Sepanta Naimi**, Thesis Title: "Behavior of Steel Reduced Beam Web (RBW) Connections with Multi-Longitudinal Voids", **PhD Thesis**, October 2013. (Co-supervisor Asst.Prof.Dr. Amir A Hedayat)
4. **Amir Ahmed Hedayat**, Thesis Title: "Behaviour of Newly Proposed Steel Reduced Beam Web Connections", **PhD Thesis**, July 2009.

ACADEMIC ACTIVITIES: COURSES, LECTURE NOTES, TEACHING AIDS, DEPARTMENTAL COMMITTEES

LECTURE NOTES TEACHING AID

CMPE 105	Introduction to Computer Usage	2000
CE 444/CIVL473	Steel Structures	2001
CE 221/CIVL222	Strength of Materials	2004
CE 544	Advance Topics in Steel Structures	2006
CE 644/CIVL574	Connections in steel structures	2005
MCE571/CIVL573	Assess. Repair & Strength of Struct	2005
CIVL392	CE Construction	2010
CIVL575	Sustainability in Building Construction	2010
INSA222	Cisimlerin Mukavemeti	2014

COURSES TAUGHT

Undergraduate courses

UAE University:

- 50715404 Structural Design IV For Architects, Steel Design
 50715403 Structural Design III For Architects, Reinforced Concrete Design
 MATU105 Applied Mathematics For Arts II
 CAII Computer Applications For Arts II

Eastern Mediterranean University:

- CMPE 105 Introduction to Computer Usage
 CIVL222 (CE 221) Strength of Materials
 CIVL374 (CE 444) Steel Structures
 CIVL473 Fundamentals of Steel Design

CIVL392 Civil Engineering Construction
ARCH391/492 Architectural Department Design Studio, Final Year Design Project Studio

Graduate courses

CE 544 Advance Topics in Steel Structures
CE 571 Assessment, Repair and Strengthening of Structures
CIVL575 Sustainability of Building Construction
CE 644 Connections in Steel Structures

Departmental Committees

I took part in the following committees as member and coordinator (2000-present)

- 1) Undergraduate Program
- 2) Academic transfer
- 3) Department Strategy
- 4) Social Activities
- 5) New Master's Program
- 6) Undergraduate Curriculum Committee-ABET
- 7) Student Activities (Construction Club)
- 8) Summer Training
- 9) Publicity, Alumni and Publications
- 10) ABET Committee
- 11) Research and Student Assistants
- 12) Laboratory
- 13) News Bulletin
- 14) Library

Faculty Committees and Duties

- 1) Publications, Chair (2001-07)
- 2) Undergraduate Program (member, 2001-04)
- 3) ABET (member, 2001-04)
- 4) Elected member representing Assistant Professors in the Faculty of Engineering Board (2003-04)
- 5) Engineering Faculty representative for Publicity (2004-05)
- 6) CE Department representative for Publicity (AcademicYear 2004-05)

Research Centers and Institutes

Member of the Executive Board in the following:

- 1) BSRC, Building Sciences Research Centre (2001-present)
- 2) ATRDI, Advance Technologies Research and Development Institute (2004-06)
- 3) EMU Continuing Education Centre, Member of the Advisory Board, (2004-06)

University Committees

ADHOC (2003-2004)

OTHER ACTIVITIES

- 2007- **Independent Expert:** Evaluating projects for the **Research Fund for Coal and Steel (RFCS)** European Union Project Funding
- 2009-14 Jury member of the Property North Cyprus awards in North Cyprus.
- 2012-13 Member of the International Jury – Student Projects of Architectural Department
- 2016 Structural design and controlling the construction works for 2 blocks 8 storeys 6500 m² Steel Framed Dormitory Building in Gazimagusa.
- 2012 Structural design of 6 storey, 22000 m² reinforced concrete framed dormitory building

at EMU, Gazimagusa, North Cyprus

- 2008-12 Structural design, material procurement, managing the sub contracts for construction of the steel framed, 600 m², residential building in Magusa Bogaz, Cyprus.
(Cost: 300,000 GBP)
- 2009-11 Structural design, Preparation of Contract Documents and Supervision of Construction of The Heavy Structures Laboratory, Dept. of Civil Eng., EMU
- 2002-03 Structural design, material procurement, managing the sub contracts for construction of the reinforced concrete framed, 150 m² residential ground floor flat, Gonyeli-Nicosia, North Cyprus. (Cost: 30,000 GBP)
- 1996-97 Structural design of RC framed 7 storey+2 basement building, Al-Ain, UAE

VOLUNTARY AND PROFESSIONAL SERVICE TO SOCIETY

A summary of some of the work involved are given below:

- Through BSRC, Individually and through the TEKNOPARK company **ROBUST Engineering and Consultancy Ltd.** I acted as a consultant to numerous projects and also involved in numerous structural design work.
- After the completion of the EU Project on Health and Safety in Construction Site Management there was more pressure on North Cyprus Workers Office to finalize the draft by laws on Occupational Health and Safety (OHS) and also to organize a certificate course where those who are qualified to attend can be trained to become experts of OHS and they can do risk analysis at work places and also monitor OHS. As three partners of **ROBUST Ltd.** we delivered about 40 percent of the Occupational Health and Safety Expert courses on behalf of the Turkish republic of North Cyprus Workers Office (part of Ministry of Social Security and Work) in March 2011.
- **ROBUST Ltd** is currently involved in Risk Assessment, OHS monitoring, Quality Assurance Management, structural refurbishment, etc., of prominent companies in North Cyprus, including AKSA Electricity, Binbircesit, Demirbag, Isil Reklam, Arkadas Pastahanesi, BEM (Bogaz Endustri Madencilik) etc.
- There is close contact with the local Chamber of Civil Engineers (KTIMO). Over the years I was invited as a speaker to various IMO seminars and conferences, twice represented KTIMO in European Council of Civil Engineers meetings in Athens (2001) and London (2010) (ECCE), took part in various committees formed to deal with local legislations and problems and finally I was one of the committee members for establishing the "Uygulamaci Uye" bylaw (similar to Yetkin Muhendis in Turkey and Chartered Engineer in UK).

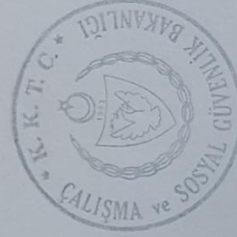


ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI

TEŞEKKÜR BELGESİ

Sn. Dr. Mürüde Çelikağ

“İş Sağlığı ve Güvenliği Hizmeti Veren Kişilerin Sertifikalandırılması ve Kuruluşların Yetkilendirilmesi Tüzüğü” uyarınca Mart-Haziran 2011 tarihlerinde düzenlenen kursta **eğitmen** olarak görev alarak yardımcı olduğunuz için **Teşekkür Ederim.**



Dt. Şerife ÜNVERDİ
Çalışma ve Sosyal Güvenlik Bakanı

Tarih: 28 Haziran 2011