



## Mehmet Tekerek (PhD)

Utah State University  
Applied School of Technology and Education  
Department of Technology and Engineering Education

e-mail: [tekerek@gmail.com](mailto:tekerek@gmail.com)

Telephone +1 (435) 764 0256

Research Areas: Computer Education and Instructional Technologies,  
Engineering Education, Algorithms, STEM Approach, Information Security

## Background

### Education:

Degree	Department	University	Year
Bachelor	IndustrialTechnology Education	<a href="#">GaziUniversity</a>	1996
Graduate	IndustrialTechnology Education	<a href="#">GaziUniversity</a>	2000
PhD	IndustrialTechnology Education	<a href="#">GaziUniversity</a>	2006

### GraduateThesisTitleandThesisSupervisor

[ProjectConceptandTwo-axisPCControlledRobotSystemasIndustrialTechnologyProject](#), Assist.Prof.Dr.AhmetŞenel

### Ph.D.ThesisTitleandThesisSupervisor

DevelopingaRoboticsEducationModelusingImageProcessinginFlexibleManufacturingSystem, Prof.Dr.MehmetEroğlu

## Experience

### Academic

Position	PlaceofEmployment	Department	Year
Instructor	<a href="#">MoNEofTurkey</a>	TechnologyandDesign	1996-2007
Assist.Prof.Dr.	<a href="#">KahramanmaraşSütçüimamUniversity</a>	ComputerEducation and Instructional Technology	2007-2012
Assist.Prof.Dr.	<a href="#">KyrgyzTurkishManasUniversity</a>	ComputerEngineering	2012-2013

Assoc.Prof.Dr.	<a href="#">KyrgyzTurkishManasUniversity</a>	ComputerEngineering	2013-2014
Research Scholar	<a href="#">Utah State University</a>	Technology and Engineering Education	2014-

### Other

[MoNEofTurkey](#),İLSİSProject;Ankarapilotcity-Projectmanager;databasetestsanddataentryimplementations,2001-2002

[MoNEofTurkey](#),OBESİDepartment–Developmentsoftwareoncardstuntshowsforationaldaycelebrations,2004-2006

### SupervisedGraduateThesis

Mart,İ.,(2012),*InformationSecurityawarenessinInformationCulture*,[KahramanmaraşSütçüimamUniversity](#),GraduateSchoolofScienceandTechnology,ComputerEducationandInstructionalTechnologyDepartment

Nurakun,J.,(2013),*DevelopingaScientificContentManagementandRefereeingSystem*,[KyrgyzTurkishManasUniversity](#),GraduateSchoolofScienceandTechnology,ComputerEngineeringDepartment

Tairova,N.,(Continue),*ImplementationofMachineTranslationAlgorithmsstoTurkicLanguagesFamily*,[KyrgyzTurkishManasUniversity](#),GraduateSchoolofScienceandTechnology,ComputerEngineeringDepartment

### Experiencein Research Projects

*InformationSecurityawarenessinInformationCulture*,[KahramanmaraşSütçüimamUniversity](#),ScientificResearchProject,2010.ProjectManager,(\$1500)

*DevelopingofKSUSolarCar"İSTİKLAL"*,[KahramanmaraşSütçüimamUniversity](#),ScientificResearchProject,2011(6.DegreeofTÜBİTAK2012FormulaG).ProjectManager,(\$35000)

*DevelopingaScientificContentManagementandRefereeingSystem*,[KyrgyzTurkishManasUniversity](#),ScientificResearchProject,2013.ProjectManager,(\$4000)

### ExperienceinAdministrativeWork

HeadofDepartment,[KahramanmaraşSütçüimamUniversity](#),ComputerEducationandInstructionalTechnologyDepartment,2007-2012

Erasmus/BolognaCoordinator,[KahramanmaraşSütçüimamUniversity](#),FacultyofEducation,2008-2010

Vocational InternshipCoordinator,[KyrgyzTurkishManasUniversity](#),ComputerEngineeringDepartment,2012-2014

Director of [DistanceEducationCenter](#),[KyrgyzTurkishManasUniversity](#),2013-2014

### EditorialandRefereeingTasks

FieldEditor,[TÜBİTAK](#),[TurkishJournalofElectricalEngineering&ComputerSciences](#)

FieldEditor,[MANASJournalofEngineering](#)

Field Editor, [Turkish Journal of Education](#)

ScientificBoardMember,[InternationalJournalofInformaticsTechnologies](#)

ScientificBoardMember,[InternationalConferenceonInformationSecurityandCryptology](#)

Referee,[TÜBİTAK](#), [TurkishJournalofElectricalEngineering&ComputerSciences](#)

Referee,[ComputersinHumanBehavior](#)

Referee, [Journal of Software Engineering and Applications](#)  
 Referee, [Nordic Conference on Human-Computer Interaction](#)

### Scholarships and Awards

Success Scholarship, [MoNE of Turkey](#), 1992-1996  
 Certificate of Appreciation, [MoNE of Turkey](#), (Two Piece) 1999, 2005  
 Letter of Appreciation, [Governorship of Ankara](#), (Five Piece) 2001, 2003, 2004, 2004, 2005  
[TÜBİTAK](#) Scientific Publication Award, 2011  
 Prof. Dr. Cevat Alkan Young Scientist Award, 2012

### Lectures and Panel Discussions

*(National)*

Conference, (04 April 2007), "Information Security Awareness", Provincial Directorate of Ministry of National Education, Kahramanmaraş, Turkey  
 Conference, (07 October 2008), "Youths and Projects", COJEP International, I. Turkey Youth Summit, Nevşehir, Turkey  
 TV Program, (10 April 2008), "Information Society and Internet", KSU, AKSUTV, Kahramanmaraş, Turkey  
 Panel Discussion, (07 October 2009), "Computer Education and Instructional Technologies", International CEITS Symposium, KTU, Trabzon, Turkey  
 Radio speech, (14 April 2009), "Internet-based education practices and opportunities", TRT Radio 1 "Gündem" Program  
 Conference, (20 October 2010), "Dark Side of Informatics", KSU, Kahramanmaraş, Turkey  
 Seminar, (05-11 April 2011), "Information Security Management and ISO 27001"  
 Panel Discussion, (20 May 2011), "The Future of the Computer Education and Instructional Technology", CEIT Student Symposium, YTU, İstanbul, Turkey

*(International)*

Study Tour, (14-17 June 2011) "The role of civil society organizations in promoting active citizenship-P2P student tours, 44966, Brussels, Belgium  
 Invited Speaker, (20 April 2008) "Final Conference of EU Project TR-11-337-2007-R5" Association of Youth Development, Gaziantep, Turkey  
 Invited Speaker, (10 May 2013) "FATIHPROJECT" Central Asia Instructional Technology Conference, Bishkek, Kyrgyzstan

### Given Graduate and Undergraduate Courses (Last Two Years)

Academic Year	Term	Courses	Weekly Hours		Students
			Theory	Practice	
2012-2013	Autumn	Algorithms	3	0	20
		Computer Engineering Undergraduate Project	3	0	1
		Operating Systems	3	0	12
		Project Development and Management I (Distance Ed.)	3	2	45
	Spring	Software Engineering	3	2	20
		Computer Engineering Undergraduate Project	3	0	1

		Algorithm Design and Analysis	3	0	6
		Project Development and Management II (Distance Ed.)	3	2	45
2013-2014	Autumn	Fundamentals of Computer Engineering	2	1	30
		Computer Engineering Undergraduate Project	3	0	2
		Algorithm Design and Analysis	3	0	8
		Scientific Research Methods	3	0	20
		Software Engineering	3	2	36
	Spring	Computer Engineering Undergraduate Project	3	0	2
		Advance Software Engineering	2	2	3
		Scientific Research Methods	3	0	3
		Algorithm Design and Analysis	3	0	2

## Competences

### *Language Skills:*

English(Reading-Writing-Verbal:Good);Russian(Reading-Writing-Verbal:Basic)

### *ProfessionalSkills:*

WorksontechnologyeducationandroboticapplicationsandeducationalmethodsforK12andundergraduatelevel, Projectdevelopmentandmanagement,applicationsonprojectdevelopmentandmanagementintendedforproductdevelopmentinInstructionalTechnologies, DraftingSoftwareEngineeringProjectsandManaginganySoftwareDevelopmentProjects, InstructionalTechnologies,DesignEducation,RoboticEducation,InstructionalSoftwareDevelopment, Developmentofinstructionaltechnologiesandeducationalsoftwareintendedforwebbasedapplications, Draftinginformationsecuritypolicies&informationsecurityguidelinesbasedonInformationSecurityAwareness,

### *SocialSkills:*

Teamplayer,innovativeattitude,abilitytoestablishconsensusamongpeople;Abilitytocommunicateclearly,presentcomplexmattersrapidlyandprecisely,

### *OrganizationalSkills:*

Multi-

taskingcapabilities,abilitytoplan,prioritizeandmanagevariousprojectsunderaggressivedeadlines,researchingandanalyticalskills;Abilitytocoordinate,supervises, andtrainsothers

### *ArtisticSkills&Hobbies:*

Orienteering

Annex

### **A. Articles Published in International Scientific Journals**

- A1. Tekerek, M., (2009). *A Human Robot Interaction Application for Robotic Education*, *Procedia Social and Behavioral Sciences*, 1, 2164-2169, DOI:10.1016/j.sbspro.2009.01.380
- A2. Tekerek, M., Yeniterzi, B., Ercan, O., (2011). *Math Attitudes of Computer Education and Instructional Technology Students*, *Turkish Online Journal of Educational Technology*, 10(3), 168-174.
- A3. Tekerek, M., Ercan, O., Tekerek, A., (2011). *A Descriptive Study about Internet Use Attitudes of Physics Teachers*, *Procedia Social and Behavioral Sciences*, 15, 3758-3762, DOI:10.1016/j.sbspro.2011.04.369
- A4. Gencay, S., Gencay, Ö., A., Tekerek, M., Akyel, Y., (2011). *Examination of Continuous Anger and Anger Expression Styles of Physical Education, Computer Sciences and Mathematics Teacher Candidates*, *Pakistan Journal of Social Sciences*, 8(4), 181-186, DOI:10.3923/pjssci.2011.181.186
- A5. Tekerek, M., Tekerek, A., Ercan, O., (2012). *Assessment of Physics Teachers' Attitudes Towards Internet Use in Terms of Some Variables*, *World Journal on Educational Technology*, 4(1), 43-55.
- A6. Tekerek, M., Ercan, O., (2012). *Analysis of Teachers' Attitude towards Internet Use: Example of Chemistry Teachers*, *Creative Education*, 3(3), 296-303, DOI:10.4236/ce.2012.33047
- A7. Tekerek, M., Ercan, O., Udum, M. S., Saman, K., (2012). *"Computer Self-efficiency of Pre-service IT Teachers"*, *Turkish Journal of Education*, 1(2), 80-91.
- A8. Tekerek, M., Tekerek, A., (2013). *A Research on Students' Information Security Awareness*, *Turkish Journal of Education*, 2(3), 61-70.
- A9. Tekerek, M., NurakunKyzy, J., (2013). *Design and Implementation of Scientific Publication CMS with Peer Review Tools for Academic Institutions*, *MANAS Journal of Engineering*, 1(2), 33-42.
- A10. Tekerek, M., Mangytbaev, B., NurakunKyzy, J., (2014). *A Comparative Analysis of Types of Digital Image Used in Web Publication*, *MANAS Journal of Engineering*, 2(1), 35-42
- A11. Tekerek, M., Altan, T., Gündüz, İ., (2014). *Student Attitudes on Using Tablet PC in FATİH Project*, *International Journal of Informatics Technologies*, 7(2), 21-27, DOI:10.12973/bid.2017
- A12. Tekerek, M., & Altan, T. (2014). *The effect of Scratch environment on student's achievement in teaching algorithm*. *World Journal on Educational Technology*, 6(2), 132-138.

### **B. Proceedings Published in International Conferences**

- B1. Tekerek, M., Avgan, U., Tekerek, A., (2009). *An Application for Computer Aided Design of Card Stunt Systems*, *Proceedings of 9th International Educational Technology Conference*, 282-288pp., Ankara, Turkey, Mayıs 2009
- B2. Tekerek, M., Yılmaz, R., Tekerek, A., (2009). *Implementation of a Web Content Management System for the Students Club Works*, *Proceedings of 9th International Educational Technology Conference*, 57-63pp., Ankara, Türkiye, Mayıs 2009
- B3. Tekerek, M., Mart, İ., (2010). *Behavioral Computer and Web Security Awareness for K8 Level*, *4th International Conference on Information Security and Cryptology Proceedings Book*, 254-258pp., Ankara, Turkey, Mayıs 2010
- B4. Tekerek, M., Yeniterzi, B., Ercan, O., (2011). *Math Attitudes of CEIT Students*, *Proceedings of 11th International Educational Technology Conference*, 708-713pp., İstanbul, Turkey, Mayıs 2011 (Awarded by 11th IETC as best article)
- B5. Tekerek, M., Polat, S., (2011). *Preservice Teachers Attitudes Towards Teaching Profession*, *Proceedings of 5th International Computer & Instructional Technologies Symposium*, Firat University, Elazığ-Turkey, September 2011

- B6. Tekerek, M., (2012). Information and Computer Security Awareness of Elementary and High School Students: Sample of Kahramanmaraş City, *5<sup>th</sup> International Conference on Information Security and Cryptology Proceeding Book*, 87-92pp., Ankara, Turkey, May 2012
- B7. Tekerek, M., Yeniterzi, B., Yıldırım, Z., (2012). Web Based Geometri Teaching, *Proceeding of 1<sup>st</sup> Applied Education Congress*, Middle East Technical University, Ankara-Turkey, September, 2012
- B8. Tekerek, M., Altan, T., Akin, Y. E., (2012). The Effect of Enriched Maps with Learning Object on Academic Achievement and Attitude, *Proceeding of 6<sup>th</sup> International Computer & Instructional Technologies Symposium*, Gaziantep University, Gaziantep-Turkey, October 2012
- B9. Tekerek, M., Altan, T., Gündüz, İ., (2012). Analysis of Student's Attitudes of Using Tablet PC in FATİH Project of Turkey, *Proceeding of 6<sup>th</sup> International Computer & Instructional Technologies Symposium*, Gaziantep University, Gaziantep-Turkey, October 2012
- B10. Tekerek, M., Altan, T., Akdağ M. A., (2012). The Effect of Scratch Environment on Students Academic Success, *Proceeding of 6<sup>th</sup> International Computer & Instructional Technologies Symposium*, Gaziantep University, Gaziantep-Turkey, October 2012
- B11. Yeniterzi, B., Tekerek, M., (2012). Web-based Learning in Early Childhood Education, *Proceeding of 6<sup>th</sup> International Computer & Instructional Technologies Symposium*, Gaziantep University, Gaziantep-Turkey, October 2012

### C. Books

- C1. Tekerek, M., (2009). *Project Development (K12 level textbook approved by MoNE of Turkey)*, 126pp., Ankara, Gün Publication Corp.
- C2. Togay, A., Kılıç, Y., Karaarslan, A., Tekerek, M., (2008). *Information and Communication Technologies, (Vocational school textbook approved by MoNE of Turkey)*, 240pp., Ankara, Gün Publication Corp.
- C3. Tekerek, M., (2005). *Chess for K8 level students (textbook)*, 145pp., Ankara, Gün Publication Corp.

### D. Articles Published in National Scientific Journals

- D1. Tekerek, M., Yılmaz, M., (2006). Competitive Analysis of Smoke Addiction and Computer Addiction: A Descriptive Study, *Kahramanmaraş Sütçü İmam University, Journal of Social Sciences*, 77-88pp. DOI: false
- D2. Tekerek, M., (2007). "A Productivity Research on K8 Level Computer Lectures", *Journal of KMU Social and Economic Researches*, 63-74pp., 2007, DOI: false
- D3. Tekerek, M., (2007). Project Application in Technology Education: PC Controlled Robotic System with Two-Axes, *Kahramanmaraş Sütçü İmam University, Journal of Science and Engineering*, 29-35pp., DOI: false
- D4. Tekerek, M., (2008). Information Security Management, *Kahramanmaraş Sütçü İmam University, Journal of Science and Engineering*, 132-137pp., DOI: false
- D5. Tekerek, M., Sert, G., (2012). Computer Using Attitudes of Teachers in Teaching-Learning Process, *Kahramanmaraş Sütçü İmam University, Journal of Social Sciences*, 63-73pp., 2012, DOI: false

### E. Proceedings Published in National Conferences

- E1. Gencay, S., Gencay, Ö. A., Marangoz, İ., Tekerek, M., (2003). Research on Factors Effecting University Students Attending to Reactive Activity Programs, *1<sup>st</sup> Youth Recreation and Natural Sports Symposium Proceedings Book*, 95-101pp., Ankara, Turkey, May 2003
- E2. Tekerek, M., Gencay, S., Gencay, A. O., (2003). Project Development in Rower Scouting, *1<sup>st</sup> Youth Recreation and Natural Sports Symposium Proceedings Book*, 163-167pp., Ankara, Turkey, May 2003

- E3. Tekerek, M., (2004). Project Method on Vocational Orientation: Technology Education Model, *1<sup>st</sup> Reorganisation Symposium on Secondary Education Proceedings Book*, 200-206pp., Ankara, Turkey, December 2004
- E4. Yılmaz, R., Tekerek, M., (2008). A School Newspaper Model as a Web-based Educational Environment, *XIII. Internet Conference in Turkey Proceedings Book*, 23-29pp., Ankara, Turkey, December 2008
- E5. Tekerek, M., Saman, K., Ercan, O., Bilen, K., Udum, M. S., (2012). Computer Self-efficiency of Pre-service IT Teachers before FATİH Project of Turkey, *X. National Science Technology and Mathematic Education Conference Proceedings Book*, Niğde, Turkey, June 2012
- E6. Bilen, K., Ercan, O., Tekerek, M., Sağır, M., (2012). Pre-Service Teachers Vocational Efficiency Emotions: Example of Kahramanmaraş Province, *X. National Science Technology and Mathematic Education Conference Proceedings Book*, Niğde, Turkey, June 2012
- E7. Kök, S., Tekerek, M., (2012). A New Activism from Streets to Social Networks: Arab Spring Experiment, *II. Symposium on Regional Problems and Turkey Proceedings Books*, Kahramanmaraş, Turkey, October 2012

#### **F. Citations**

[Google Scholar](#) *hindex*:4