

# Europass

## Curriculum Vitae



### Personal information

First name / Surname	<b>ABDİL, KUS</b>
Address)	UCEVLER MH.ATMACA SK. MENEKSE SITESİ B-BLOK 33C-3,16120, NİLÜFER, BURSA,TURKEY
Telephone)	+90 224 2942344 Mobile: +90 532 764 95 60
Fax	+90 224 2942303
E-mail	abdilkus@uludag.edu.tr
Nationality	Turkish Republic
Date of birth	01,05,1964
Gender	male

### Work experience

Dates (from – to)	[ 1989-..... ]
Name and address of employer	Uludağ University, Vocational School of Technical Sciences
Type of business or sector	Higher Education
Occupation or position held	Assoc.Prof. Dr./ Head of Computer Technology
Main activities and responsibilities	Technical education
Dates	[ 1984-1989]
Occupation or position held	Kocaeli Vocational and Technical High School
Main activities and responsibilities	Secondary Education (VET)
Name and address of employer	Technical Teacher
Type of business or sector	Technical education

### Education and training

Dates	[ 1991-1996]
Title of qualification awarded	Doctorate diploma/Doctor
Principal subjects/occupational skills covered	PhD, subject of thesis: Theoretical and Experimental Analysis of Energy Absorption capabilities of Multiply composite plates.
Name and type of organisation providing education and training	Uludağ University, Institute of Science & Technology, Engineering Faculty.
Level in national or international classification	PhD
Dates	[ 1987-1990 ]

Title of qualification awarded	Master of Science																		
Principal subjects/occupational skills covered	MSc, subject of thesis: Design of Hot Forging Dies.																		
Name and type of organisation providing education and training	Gazi University, Institute of Science & technology, Mechanical Education Faculty.																		
Level in national or international classification	MSc																		
Dates	[ 1990-1991 (9 Moths) ]																		
Principal subjects/occupational skills covered	Mechanical Engineering,																		
Name and type of organisation providing education and training	Bradford&Ilkley Community College, Bradford, UK																		
Level in national or international classification	Certificate																		
Dates	[ 1980-1984 ]																		
Title of qualification awarded	Technical Teacher																		
Principal subjects/occupational skills covered	Mechanical Education, Technical Training																		
Name and type of organisation providing education and training	Gazi University, Technical Education Faculty, Department of Machinery																		
Level in national or international classification	Technical Teacher																		
Mother tongue	[ TURKISH ]																		
Other language	[ ENGLISH ]																		
Self-assessment	<table><tr><th colspan="2">Understanding</th><th colspan="2">Speaking</th><th>Writing</th></tr><tr><td>Listening</td><td>Reading</td><td>Spoken interaction</td><td>Spoken production</td><td></td></tr><tr><td>B2</td><td>B2</td><td>B2</td><td>B2</td><td>B2</td></tr></table>				Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		B2	B2	B2	B2	B2
Understanding		Speaking		Writing															
Listening	Reading	Spoken interaction	Spoken production																
B2	B2	B2	B2	B2															
European level (*)																			
	(*) Common European Framework of Reference for Languages																		
Social skills and competences	<ul style="list-style-type: none"><li>• Member of Vocational School- Industry Co-operation Committee.</li><li>• Member of VSTS Accreditation Committee.</li><li>• Coordinator of Modular Training Programs for employees in Mechanical Sector</li><li>• Member of International Die Production Association.</li><li>• Worked as a member of administrative committee of VSTS between 2006-2011</li></ul>																		
Organisational skills and competences	<ul style="list-style-type: none"><li>• Independent External Expert of European Commission for Leonardo da Vinci Programme Projects, 2005-</li><li>• Member of International Relations Committee.</li><li>• VSTS Edexcel coordinator</li></ul>																		

	<p><b>Research Projects:</b></p> <ol style="list-style-type: none"> <li>1. "Designing of Composite Materials for the ballistic protection "Uludağ University Scientific Research fund, Researcher, TBMU–1996</li> <li>2. "Investigation on machinability of Inconel 718 Waspalloy Super alloys use of CNC machines", Uludağ University Scientific Research fund, Researcher, TBMU–2008/74</li> <li>3. "The Experimental Investigation of Temperature Distributions Comparison Internally Cooled Cutting Tool and External Cutting Fluid in Orthogonal Metal Cutting on CNC Machines" Uludağ University Scientific Research Projects Unit TBMU, Researcher, 2013/20.</li> <li>4. "Production and Analysis of the Carbon Based Composite Parts Used in Automotive Sector by using Vacuum Infusion Technology" Uludağ University Scientific Research Unit, project coordinator (UAP-TBMU/2013-39).</li> </ol> <p><b>Other Projects:</b></p> <ol style="list-style-type: none"> <li>1. YÖK/DB Industrial Education Project, Bradford &amp; Ilkley Community College, Bradford ,UK, Beneficiaries,1990-1991(9 Months).</li> <li>2. Investigation of Higher Technician Education Strategies in England and Development of New Applicable Methods. EU / Education and culture LdV Mobility project, Fife College, Scotland, Coordinator ,2005</li> <li>3. "A Modular Training Project On Occupation Developing And Acquiring to Get Employ In Respect Of Desired Knowledge And Abilities Of Manufacturing Sector" Active Labour Market Strategy Project New Opportunities Programme, Project No:176, Member of Project Board, 2004-2005</li> <li>4. Vocational Internship Experience And Cultural Activities for Students And New Graduates Improvements Job Finding Opportunities, EU / Education and culture LdV Mobility project, Coordinator, 2005-2006.</li> <li>5. New Opportunities For New Graduates, EU / Education and culture LdV Mobility project, Coordinator, 2007.</li> <li>6. Innovative Approaches In Vocational Training For New Graduates, EU / Education and culture LdV Mobility project, Coordinator, 2008</li> <li>7. "Innovative pedagogy and technology in product, transport and graphic design education" Leonardo da Vinci, Mobility Project (VETPRO).2011-2012, Project Vice Coordinator</li> </ol>
Technical skills and competences	Computer Aided Machine Design, CNC Programming, Reverse Engineering, Computer Aided Design and Manufacture, Quality Studies in Vocational Education, Designing Modular Training for Industry, Curriculum development and Certification,
Computer skills and competences	MS Office Applications, Autodesk Software 2D-3D, CAD-CAM software, Reverse Engineering Software, Analysis Software.
Driving licence	B class
<b>Additional information</b>	Lecturing courses related to Computer based Mechanical Engineering courses, Mechanical Design, CNC programming and Reverse engineering tools.
<b>Annexes</b>	<b>[PUBLICATIONS]</b>

#### A- Journals of SCI/SSCI/Other indexed

1. Karahan, M., Kuş, A. ve R. Eren, "An Investigation into Ballistic Performance and Energy Absorption Capabilities of Woven Aramid Fabrics", International Journal of Impact Engineering, 35, 499-510 (2008).
2. Kuş, A., Unver, E. ve A. Taylor, "A Comparative Study of 3D Scanning in Engineering, Product & Transport Design and Fashion Design Education", Computer Applications in Engineering Education, DOI: 10.1002/cae.20213. 2009.
3. Arslan, R., Kuş, A., Mumcu, H. ve N.T. Uzaslan, "A Model of Cooperative Education -"Group Leader Training Program" For Industry Employees", The Turkish Online Journal Of Educational Technology, 7 (4), 29-35 (2008).
4. Kuş, A., "Implementation of 3D Optical Scanning Technology for Automotive Applications", Sensors, 9 (3), 1967-1979, (2009).
5. Gücüyener, İ., Kus, A. ve R. Arslan, "A Model for "Work Integrated Learning" in Mechatronic Education" Solid State Phenomena, 147-149, 918-923 (2009).
6. Arslan, R., Tekin, Y., Yazıcı, M., Kus, A. ve G. Kaynak, "A Modular Training Project for Vocational Education and Improvement in Turkey", Industry and higher Education, 23 (2), 1-6 (2009).
7. Arslan, R., Kus, A., "A modular approach for training employees in the automotive service sector- A case study in Turkey", Industry and Higher Education, Volume 26, Number 5, October 2012.
8. Karahan, M., Ulcay, Y., Karahan, N., "Influence of Stitching Parameters on Tensile Strength of Aramid/Vinyl Ester Composites", Materials Science (Medziagotra). Vol. 19, No. 1. (2013).
9. Motorcu A. R., Kus A., Arslan R., Tekin Y., Ezentas R., Evaluation Of Tool Life - Tool Wear In Milling Of Inconel 718 Superalloy And The Investigation Of Effects Of Cutting Parameters On Surface Roughness With Taguchi Method, Tehnički vjesnik 20, 5, 765-774, (2013)
10. Motorcu, Ali Rıza, Abdil Kuş, and İsmail Durgun. "The Evaluation of the Effects of Control Factors on Surface Roughness in the Drilling of Waspaloy Superalloy." Measurement , 58 (2014) 394–408 .
11. Kus A., Isik Y., Cakir M.C., Coşkun S., and Özdemir K., Thermocouple and Infrared Sensor-Based Measurement of Temperature Distribution in Metal Cutting, Sensors 2015, 15, 1274-1291; doi:10.3390/s150101274.
12. Işık Y., Kuş A., Çakır M.C., Influence of cutting parameters on the chip-tool interface temperature during turning Waspaloy Materials Testing 783-789 57 2015
13. Motorcu, A. R., Ekici, E., & Kuş, A. Investigation of the WEDM of Al/B4C/Gr reinforced hybrid composites using the Taguchi method and response surface methodology. Science and Engineering of Composite Materials, October 6 , 2014, DOI 10.1515/secm-2014-0063
14. Kuş, A., Impact behavior of multi-layer carbon skin composite sandwich panels with 3D spacer fabric. Materials Testing: Vol. 57, No. 7-8, pp. 655-662, (2015).
15. Motorcu AR Işık Y., Kuş A., Çakır M.C., Analysis of Cutting Temperature and Surface Roughness in Orthogonal Machining of AISI 4140 Alloy Steel via Taguchi Method Materials and Technology , 50, 2016.

#### B- International Congress&Symposiums

1. Akan,İ., M. Bayır., R. Arslan ve A. Kuş, "Meslek Yüksek Okullarına Sektörel Bazda Bakış ve Beklentiler" 21.yy'la Doğru MYO'ların Yeniden Yapılandırılması Konulu Uluslararası Sempozyum, AÜ Basımevi, 202-212, Çankırı,1996.
2. Arslan,R., A. Kuş ve H.R. Ekingen, "MYO'larda EDÖ'ye Farklı Bir Yaklaşım" 21.yy'la Doğru MYO'ların Yeniden Yapılandırılması Konulu Uluslararası Sempozyum, AÜ Basımevi, 347-355, Çankırı,1996.
3. Kuş, A. ve R.Arslan, "Toplam Kalite Anlayışının MYO larda Uygulanması" Ankara University IVETA Conference 1998, 517-523, Ankara, 1998.
4. Kuş, A., R. Arslan ve G.Kaynak, "Vocational High School and Industry Cooperation", The Regional and International Cooperation on Technical and Vocational Education and Training, IVETA Regional Conference, 155-160, Ankara, 2003.

5. Arslan, R., A. Kuş ve G. Kaynak, "Applications of Certificate Program for Industry Workers", The Regional and International Cooperation on Technical and Vocational Education and Training, IVETA Regional Conference, 161-165, Ankara, 2003.
6. Yurtkuran, S., A. Kuş, R. Arslan ve G. Kaynak, "Studies Of Self-Evolution & Accreditation in UU Vocational School of Technical Sciences", The Regional and International Cooperation on Technical and Vocational Education and Training, IVETA Regional Conference, 105-112, Ankara, 2003.
7. Kuş A., "Application of Reverse Engineering Systems in Machinery Education", ICRM 2007, The 4th International Conference on Responsive Manufacturing, Nottingham, 2007.
8. Kus., A., Unver, E., Jagger, B., Durgun, İ., "A study of Injection Moulding with Bismuth Alloy", SIM 2013 Sustainable Intelligent Manufacturing International Conference, 26-29 Jun, 2013, Lizbon.

#### **C- Congress&Symposiums**

9. Kuş, A., Karahan, M., Telli, Sevda., "Kevlar® Lifleriyle Takviyeli Kompozit Malzemelerde Lif-Matriks Arabirim Yapışma Özelliklerinin İncelenmesi", 6. Denizli Malzeme Sempozyumu, 58-547, Denizli, 1995.
10. Kuş, A., Özcan, R ve Y. Ulcay, "Aramid (Twaron®) İplikden Dokunmuş Kumaş Takviyeli Balistik Amaçlı Malzeme Üretiminde Katman Sayısı ve Kur Şartlarının Enerji Absorbsiyonuna Etkisi", Savunma Sanayiindeki Teknolojik Gelişmeler Sempozyumu, 1007-1017, Ankara, 1997.
11. Kuş, A., Özcan, R ve Y. Ulcay, "Çok Katlı Kompozit Plakaların Düşük Enerjili Darbe Etkisiyle Dinamik Davranışlarının İncelenmesi", 7. Denizli Malzeme Sempozyumu, 133-137, Denizli, 1997.
12. Arslan, R., Kuş, A. ve Y. Tekin, "Otomotiv Sektöründe Nitelikli İşgücü Temininde AB Fırsatları", Otekon'06 3. Otomotiv Teknolojileri Kongresi, 423-426, Bursa, 2006.
13. Kuş, A. "Makina Eğitiminde Tersine Mühendislik Sistemlerinin Kullanımı", X. Otomotiv ve Yan Sanayi Sempozyumu, 176-181, Bursa, 2007.
14. Yalçın, Ümit., Korkut, İhsan., Kuş, Abdil., "İnconel 718 Süper Alaşımının Cvd Kaplamalı Kesici Takım İle Yüzey Frezelemesinde, Kesme Parametrelerinin Yüzey Pürüzlülüğüne Etkisi", 3. Ulusal Talaşlı İmalat Sempozyumu, 04-05 Ekim 2012, Ankara.
15. Kaya, N., Karamangil, İ., Kuş, A., Öztürk, F., "Formula SAE Yarışması Kapsamında Yarış Aracı Tasarımı ve Üretimi", OTEKON 2012, 6. Otomotiv Teknolojileri Kongresi 04 – 05 Haziran 2012, BURSA.
16. Işık, Y., Kuş A., Çakır C., "Dik Talaş Kaldırma İşlemlerinde İçeriden Soğutmalı Takım Tasarımı", 5. Ulusal Talaşlı İmalat Sempozyumu 23-25 Ekim 2014, BURSA.
17. Kaya, N., Karamangil M.İ. Kuş A., Öztürk F., "Yerli Formula Yarış Aracı Tasarım ve Üretimi, Uludağ Üniversitesi," II. Bilgilendirme ve Ar-Ge Günleri, 2012 BURSA.

#### **D- Other National Journals**

18. Kuş, A., Özcan, R. ve Y. Ulcay., "Aramid® Esaslı Lif Takviyeli Kompozit Plakaların Sonlu Elemanlar Metodu Kullanılarak Dinamik Davranışlarının İncelenmesi", Tekstil & Teknik, 147, 120-124, (1997).
19. KUŞ, A., " An Experimental Investigation on Impact Response of Laminated Composite Plates", Teknoloji- Z.K.Ü. Karabük Teknik Eğitim Fakültesi Dergisi, 3 (1), 169-176, (2000).
20. KUŞ, A., " Application Of Finite Element Method On Laminated Composite Plates Under Impact Loading", Teknoloji- Z.K.Ü. Karabük Teknik Eğitim Fakültesi Dergisi, 2-3, 53-61, (2000).