

# CURRICULUM VITAE

**Dr. Menderes KAM**  
Assistant professor



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Düzce University, Dr. Engin PAK Cumayeri Vocational  
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## Education

**Ph. D.**  
**2013-2016**

### DÜZCE UNIVERSITY

Graduate School of Natural and Applied Sciences / Department of Mechanical Engineering (Ph.D.)

Thesis Title: Experimental Analysis of Dynamic Behaviors of Cryogenic Treated Shafts

Supervisor: Prof. Dr. Hamit SARUHAN

**Master**  
**2010-2013**

### MARMARA UNIVERSITY

Graduate School of Natural and Applied Sciences / Department of Mechanical Education (M.Sc.)

Thesis Title: Preference based on Reasons of Vocational and Technical Secondary Schools in Turkey

Supervisor: Assist. Prof. Gürcan ATAKOK

**Undergraduate**  
**2001-2005**

### DUMLUPINAR UNIVERSITY

Simav Technical Education Faculty / Department of Mechanical Education (B.Sc.)

**Undergraduate**  
**2017-2018**

### DÜZCE UNIVERSITY

Engineering Faculty / Department of Mechanical Engineering

## Positions & Employment

Assistant Professor  
2018 - continues

DÜZCE UNIVERSITY / Dr. Engin PAK Cumayeri Vocational School /  
Department of Machinery and Metal Technology

Lecturer PhD  
2014-2018

DÜZCE UNIVERSITY / Cumayeri Vocational School / Department of Machinery  
and Metal Technology

## Tasks in Projects

1. INVESTIGATION THE VIBRATION EFFECT ON THE ROUGHNESS AND MECHANICAL PROPERTIES OF MANUFACTURING PRODUCT IN THE 3D PRINTER, 2018-... (National).
2. EXPERIMENTAL ANALYSIS OF CRYOGENIC TREATED SHAFTS DYNAMIC BEHAVIOURS, Researcher, 2015-2016. (National)
- 3.. GRUNDTVIG AND LEONARDO DA VINCI, EU, Researcher, 2012-2013. (International)

## Lessons\*

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## Undergraduate

Semester	Lesson Name	Hours
(2017-2018)	Manufacturing Planning and Control	3
(2017-2018)	Metal Cutting Principles	3
(2017-2018)	Computer Aided Design	4
(2016-2017)	Metal Cutting Principles	3
(2016-2017)	Technical Drawing	4
(2016-2017)	Mechanical Professional Drawing	4
(2016-2017)	Material Technology Material Technology II Communication Basic Manufacturing Processes – II	4

## Graduate

Semester	Lesson Name	Hours
(2017-2018)	Machining Theory	3
(2017-2018)	Machine Tools	3
(2017-2018)	Mechanical Lab	3
(2017-2018)	Dynamic	3
(2017-2018)	Mechanical Vibrations	3
(2017-2018)	Cad/Cam Applications	3
(2016-2017)	Machining Theory	3
(2016-2017)	Cad/Cam Applications	3

\* The last two years

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## Publications

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### Articles Published in Other International Refereed Journals:

1. **M. Kam**, A. İpekçi and H.Saruhan, Investigation the Effects Of 3d Printer System Vibrations on Mechanical Properties of The Printed Products, Sigma Journal of Engineering and Natural Sciences, 2018.
2. Atakok, **M. Kam** ve M. Kurt, "Preference Based on Reasons of Vocational and Technical Secondary Schools in Turkey," Procedia-Social and Behavioral Sciences, vol. 141, pp. 726-730, 2014.
3. E. Aslan, M. Otrar, **M. Kam**, L. S. Soylu, M. Bagrik, M Afacan "A Research on the General Perceptions and Attitudes of House Breaking Victims Towards the Police," Ozean Journal of Social Science, vol. 7, no. 1, 2014.

## International Conference Proceedings:

**M. Kam**, H. Saruhan, "Experimental Analysis for Stability of Deep Cryogenic Treated Shafts in Defected Rolling Element Bearings", *II. INES International Academic Research Congress* , Antalya, **2017**.

F. Kara, O. Özbek, **M. Kam** ve H. Saruhan "Optimization by Taguchi Method of Surface Roughness and Vibration in Turning of AISI 4140 Steel" *II. INES International Academic Research Congress* , Antalya, **2017**.

**M. Kam** ve H. Saruhan, "Experimental Analysis for Stability of Cryogenic and Tempering Treated Shafts (AISI 4140) Supported By Rolling Element Bearings," *4th International Symposium on Innovative Technologies in Engineering and Science-ISITES2016*, Antalya, Türkiye, **2016**.

**M. Kam** ve H. Saruhan, "Experimental vibration analysis of cryogenic treated rotating AISI 4140 steel shafts," *3th International Symposium on Railway Systems Engineering-ISERSE'16*, Karabük, Türkiye, **2016**.

**M. Kam**, H. Saruhan ve U. Kabasakaloglu, "Experimental investigation of vibration generated from the cryogenic treated and induction surface hardened rotating shafts," *3th International Symposium on Railway Systems Engineering-ISERSE'16*, Karabük, Türkiye, **2016**.

**M. Kam** ve H. Saruhan, "Dynamic behaviors of cryogenic treated shafts supported by defected rolling element bearings," *17th International Conference on Machine Design and Production-UMTIK 2016*, Bursa, Turkey, **2016**.

**M. Kam** ve H. Saruhan, "Vibration Analysis of Cryogenic Treated Shafts," *1. Uluslararası Mühendislik Teknolojileri ve Uygulamalı Bilimler Konferansı-ICETAS2016*, Afyon, Türkiye, **2016**.

**M. Kam** ve G. Atakok, "Vocational and technical secondary school 's determination of causes" *1. Uluslararası Mühendislik Teknolojileri ve Uygulamalı Bilimler Konferansı-ICETAS2016*, Afyon, Türkiye, **2016**.

Saruhan Hamit, **Kam Menderes**, Kara Fuat, "Dynamic behavior analysis of rotor supported by damped rolling element bearing housing", *1st International Conference on Tribology (TURKEYTRIB'15)*, 07-09 October 2015, İstanbul, Turkey.

**M. Kam**, H. Saruhan, "Experimental Analysis for Stability of Deep Cryogenic Treated Shafts in Defected Rolling Element Bearings", *II. INES International Academic Research Congress* , Antalya, **2017**.

F. Kara, O. Özbek, **M. Kam** ve H. Saruhan "Optimization by Taguchi Method of Surface Roughness and Vibration in Turning of AISI 4140 Steel" *II. INES International Academic Research Congress* , Antalya, **2017**.

**M. Kam** ve H. Saruhan, "Experimental vibration analysis of cryogenic treated rotating AISI 4140 steel shafts," *3th International Symposium on Railway Systems Engineering-ISERSE'16*, Karabük, Türkiye, **2016**.

**M. Kam**, H. Saruhan ve U. Kabasakaloglu, "Experimental investigation of vibration generated from the cryogenic treated and induction surface hardened rotating shafts," *3th International Symposium on Railway Systems Engineering-ISERSE'16*, Karabük, Türkiye, **2016**.

**M. Kam** ve H. Saruhan, "Dynamic behaviors of cryogenic treated shafts supported by defected rolling element bearings," *17th International Conference on Machine Design and Production-UMTIK 2016*, Bursa, Turkey, **2016**.

Nurettin BULAN, **M. Kam**, Fuat KARA "Cutting forces and mechanical stresses of cutting tool geometry and cutting form" *2nd Engineers of Future International Student Symposium*, Zonguldak, 2018.

**M. Kam**, H.Saruhan, A. İpekçi, "Investigation the Effects of 3d Printer System Vibrations on Mechanical Properties of the Printed Products", *3rd International*

*Congress On 3d Printing Technologies And Digital Industry, 2018.*

**M. Kam**, H.Saruhan, A. İpekçi, "Investigation the Effects of 3d Printer System Vibrations on Surface Rughness of the Printed Products", *3rd International Congress On 3d Printing Technologies And Digital Industry, 2018.*

İpekçi, **M. Kam**, H. Saruhan, "Investigation Of 3d Printing Occupancy Rates Effect On Mechanical Properties and Surface Roughness Of Pet-G Material Products", *1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, 2017.*

**M. Kam**, İpekçi, ,H. Saruhan, "Investigation of 3D Printing Filling Structures Effect on Mechanical Properties and Surface Roughness of PET-G Materials Products", *1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, 2017.*

**M. Kam**, H.Saruhan," Effect On The Mechanical Properties Of AISI 4140 Steel of Deep Cryogenic Treated in Different Holding Time" *International Engineering Research Symposium - Uluslararası Mühendislik Araştırmaları Sempozyumu, Düzce, 2017.*

**M. Kam**, H.Saruhan," Experimental Vibration Analysis Of Cryogenic Treated Shafts Supported by Rolling Element and Journal Bearings" *International Engineering Research Symposium - Uluslararası Mühendislik Araştırmaları Sempozyumu, Düzce, 2017.*

H. Saruhan, **M. Kam**, F. Kara, "Dynamic behavior analysis of rotor supported by damped rolling element bearing housing", *1st International Conference on Tribology (TURKEYTRIB'15), İstanbul, Turkey, 07-09 October 2015.*

G. Atakok, **M. Kam** ve M. Kurt, "Preference Based on Reasons of Vocational and Technical Secondary Schools in Turkey," *4th World Conference on Learning, Teaching and Educational Leadership, Barcelona, İspanya, 2014.*

#### **Articles Published in National Refereed Journals:**

1. A. İpekçi, **M. Kam**, and H.Saruhan, "Investigation of 3D Printing Occupancy Rates Effect on Mechanical Properties and Surface Roughness of PET-G Material Products" *Journal of New Results In Science (JNRS), 2018.*
2. **M. Kam** ve H. Saruhan, "Experimental Vibration Analysis Of Cryogenic Treated Shafts Supported by Rolling Element and Journal Bearings", *Gazi University, Politeknik Dergisi, Basımda, 2018.*
3. Saruhan Hamit, **Kam Menderes**, Kara Fuat (2017). Dynamic behavior analysis of rotor supported by damped rolling element bearing housing. *Journal of Polytechnic*, 20(1), 159-164.
4. **Kam Menderes**, Saruhan Hamit, Kara Fuat (2016). Experimental analysis of heat treated shafts dynamic behavior. *Journal of Advanced Technology Sciences*, 5(1), 81-90.
5. **M. Kam** ve H. Saruhan, "The Effect of Deep Cryogenic Treatment with Different Holding Times on the Mechanical Properties of AISI 4140 (42CrMo4) Steel" *Düzce Üniversitesi Bilim ve Teknoloji Dergisi*,6(3), 553-564, **2017.**
6. **M. Kam**, A. İpekçi, and H.Saruhan, "Investigation of 3D Printing Filling Structures Effect on Mechanical Properties and Surface Roughness of PET-G Material Products" *Gaziosmanpaşa Bilimsel Araştırma Dergisi*, 6(özel sayı ISMSIT)114-121, **2017.**
7. **M. Kam**, H. Saruhan ve F. Kara, "Dynamic behavior analysis of rotor supported by damped rolling element bearing housing," *Journal of Polytechnic*,; 20 (1) : 159-164, **2017.**
8. H. Saruhan and **M. Kam**, "Experimental spectral analysis of split sleeve bearing clearance effect on a rotating shaft system," *Afyon Kocatepe University Electronic Journal of Machine Technologies*, 13(4): 1-8, **2016.**

### National Conference Proceedings:

1. Kam Menderes, Saruhan Hamit, **Kara Fuat**, "Experimental analysis of heat treated shafts dynamic behavior", **1st National Engineering Research Symposium**, 10-12 September 2015, Düzce, Turkey.

### Editorial Board Members

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1. International Journal of Modern Studies in Mechanical Engineering

### Reviewers

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|----|--|--------------------------------|
| 1. | Journal of Cleaner Production  | SCI Expanded                   |
| 2. | Duzce University Journal of Science & Technology                       | DOAJ, Google Scholar, TR Dizin |
| 3. | International Journal of 3D Printing Technologies and Digital Industry | DOAJ, Google Scholar, TR Dizin |
| 4. | Düzce University Journal of Advanced Technology Sciences               | Google Scholar, TR Dizin       |
| 5. | Ömer Halis Demir University Science and Engineering Journal            | Google Scholar, TR Dizin       |
| 6. | Journal of Advanced Technology Sciences                                | Google Scholar, TR Dizin       |
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### Biography

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Menderes Kam is an Assistant Professor at the Duzce University, Department of Machinery and Metal Technology. Menderes Kam completed his BSc degree at University of Dumlupınar, Kütahya in 2005 and MSc degree at University of Marmara, İstanbul in 2013. He received his PhD degree in Mechanical Education from University of Düzce, Düzce, Turkey in 2016. His research interests include rotor-bearing systems, rolling element bearings, journal bearings, bearing defects, dynamic behaviours of shaft-bearing systems, mechanical vibrations, vibration analysis, machining-metal cutting (surface roughness, tool life, temperature, vibration, sound, turning, milling, drilling, grinding etc.), material science (mechanical properties, retained austenite, residual stress, fatigue life, wear, microstructure, phase analyses etc.), cryogenic treatment, Taguchi method, ANOVA, regression analysis, Artificial Neural Networks.

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