

AKADEMİK ÖZGEÇMİŞ

1. Adı Soyadı: Mahmut Ahsen SAVAŞ

2. Unvanı: Profesör

3. Öğrenim Durumu: PhD (Doktora)

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Metalurji - Malzeme	Manchester University, İngiltere	1980
Y. Lisans	Metalurji - Malzeme	Queen's University, Kanada	1982
Doktora	Metalurji - Malzeme	Queen's University, Kanada	1986

4. Yüksek Lisans / Doktora Tezi**4.1. Yüksek Lisans Tez Başlığı ve Tez Danışman(lar)ı:**

Quasi Regular Eutectic Growth (Prof. R. W. Smith)

4.2. Doktora Tezi/Tıpta Uzmanlık Tezi Başlığı ve Danışman(lar)ı:

Quasi Regular Eutectic Growth (Prof. R. W. Smith)

5. Akademik Unvanlar:

Yardımcı doçentlik tarihi: Şubat 1987

Doçentlik tarihi: Ekim 1989 (Malzeme Mühendisliği)

Profesörlük tarihi: Eylül 1998

Profesör - Emekli: Boğaziçi Üniversitesi, Aralık 2007

6. Yayınlar (2000 yılından sonra)

- Musa Alhaji Ibrahim, Hüseyin Çamur, Mahmut A Savaş, Alhassan Kawu Sabo, Shamsu Auwal Tukur, Auwalu Yusuf Gidado, Magaji Tambaya, S Ramesh (2023). Dynamic mechanical thermal analysis of PTFE based composites. AIP Conference Proceedings 2643(1):359. <https://doi.org/10.1063/5.0110479>
- Filiz Alshangleh, Mahmut A Savaş (2023). Biodiesel Production Using Supercritical Methanol in Bench-Scale Reactor. The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM, 2023). 23:19.
- Tariku Achamyaleh, Hüseyin Çamur, Mahmut A. Savaş, Ali Evcil (2022). Mechanical strength variability of deformed reinforcing steel bars for concrete structures in Ethiopia. Scientific Reports. 12:2600.

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- Musa Alhaji Ibrahim, Hüseyin Çamur, Mahmut Savaş, Sani Isah Abba (2022). Optimization and prediction of tribological behaviour of filled polytetrafluoroethylene composites using Taguchi Deng and hybrid support vector regression models. *Scientific Reports* (2022) 12(1):10393 DOI:10.1038/s41598-022-14629-5
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- Musa Alhaji Ibrahim, Hüseyin Çamur, Mahmut Savaş, Sani Isah Abba (2022). Multi-Response Optimization and Prediction of Tribological behaviours of Filled Polytetrafluoroethylene Composites Using Taguchi-Deng and Evolutionary Harris Hawk's Optimization Methodologies. *Research Square* DOI:10.21203/rs.3.rs-1393204/v1
- WA Issa, H Çamur, M Savaş (2022). A study of the effect of Graphene on the Fatigue Life of CuAlNi Shape Memory Alloy. *Research square.com* .
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- Ramez Abdallah, Adel Juaidi, Mahmut A. Savaş, Hüseyin Çamur, Aiman Albatayneh Samer Abdala and Francisco Manzano-Agugliaro, (2021). A Critical Review on Recycling Composite Waste Using Pyrolysis for Sustainable Development. *Energies* 2021, 14(18), 5748. (Retracted in 2022)
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- Filiz Alshanableh, Muhammed Alshanableh, Ali Evcil, Mahmut Savaş (2021). Failure investigation of a prematurely fractured stainless steel bone fixation implant
- Conference: 2021 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)
- DOI:10.1109/ISMSIT52890.2021.9604674
- Al-Shanableh, F., Bilin, M., Evcil, A., Savas, M.A. (2020). Optimization of Oil Extraction from Jojoba Seeds of Mesaoria Plain in Screw Expelling Using Taguchi Design. *International Journal of Renewable Energy Research*, Volume: 10 Issue: 1 Pages: 400-406. ISSN:13090127.
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- Aliyu Baba, M., Aliyu Yola, I., Evcil, A., Savaş, M. A. (2020). A Comparative Investigation of the Mechanical Properties of Mild Steel Rods Produced by two Local Steel Manufacturers in Nigeria, 2020 4th International Symposium on

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- Al-Shanableh, F., Bilin, M., Evcil, A., Savas, M. A. (2020). A Study of Jojoba Oil Extraction Based on a Fuzzy Logic Model. 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2020 - Proceedings, 2020, 9255214. DOI:10.1109/ISMSIT50672.2020.9255214
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7. Son İki Yılda Verilen Lisans ve Lisansüstü Dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2021 - 2022	Güz	ECC 211: Engineering Materials	4	Çevrimiçi Fliplearning	49
		MOD 211: Mühendislik Malzemeleri	4	Yüzyüze	5
		MEE 427: Engineering Ethics	2	Yüzyüze	19
		MAK 427: Mühendislik Etiği	2	Yüzyüze	12
	Bahar	ECC 433: Heat Treatment	3	Çevrimiçi	45
		MOD 433: Isıl İşlem	3	Çevrimiçi	14
		MEE 475: Materials Failure Investigation	3	Çevrimiçi Fliplearning	35
		MEE 571/MEE 671: Mechanical Properties of Composite Materials	3	Yüzyüze	11
	Yaz Okulu	MEE 427: Engineering Ethics	2	Yüzyüze	6
		MOD 433: Isıl İşlem	3	Yüzyüze	4
2022 - 2023	Güz	ECC 211: Engineering Materials	4	Çevrimiçi Fliplearning	50
		MOD 211: Mühendislik Malzemeleri	4	Çevrimiçi	11
		MEE 427: Engineering Ethics	2	Çevrimiçi	14
		MAK 427: Mühendislik Etiği	2	Yüzyüze	9
	Bahar	ECC 433: Heat Treatment	3	Çevrimiçi	12
		MOD 433: Isıl İşlem	3	Çevrimiçi	6
		MEE 475: Materials Failure Investigation	3	Çevrimiçi Fliplearning	9
		MEE 576/MEE 676: Semi-solid Forming	3	Yüzyüze	4
2022 - 2023	Yaz Okulu	MEE 453: Materials Engineering	3	Yüzyüze	5