

**ACADEMIC
CURRICULUM VITAE**

1. Name - Surname: Metin BİLİN

2. Title: Assist. Prof. Dr.

3. Educational Background: PhD

Degree	Department/Program	University	Year
Bachelor's	Mechanical Engineering Dept.	Çukurova University Turkey	1978
Master's	Electric- Electronic. Engineering Dept.	Near East University TRNC	2002
PhD	Mechanical Engineering Dept.	Near East University TRNC	2020

4. Master's / PhD Thesis

4.1. Master's Thesis Title and Thesis Advisor(s):

Thesis: **QUALITY CONTROL USING FUZZY LOGIC IN FLEXIBLE MANUFACTURING SYSTEMS**

Supervisor : Assoc.Prof. Dr. Rahib Abiyev

4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s):

PhD Thesis: **EXTRACTION, CHARACTERIZATION AND POTENTIAL OF OIL HARVESTED FROM THE JOJOBA SEEDS IN MESARYA PLAIN**

Supervisor: 1- Assist. Prof. Dr. Ali Evcil, Department of Mechanical Engineering NEU

2- Co-Supervisor : Prof. Dr. Mahmut A. Savaş, Department of Mechanical Engineering, NEU

5. Academic Titles:

Date of Assistant Professorship: 22-02-2021

Date of Associate Proferssorship:

Date of Professorship:

6. Supervised Master's and PhD Theses:

6.1. Master's Theses

1- **AN INVESTIGATION OF EFFICIENT BIODIESEL BLENDS VIA COOLING CURVES (2022)**

2- **Effects of Water Jet Referencing and Calibration on Cutting Tolerances on EN 10025 S235JR Steel and Various Series of EN AW Aluminium Alloy Sheets (2023)**

6.2. PhD Theses None

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

- Al-Shanableh, F., Bilin, M., Evcil, A., & Savas, M. A. Optimization of Oil Extraction from Jojoba Seeds of Mesaoria Plain in Screw Expelling Using Taguchi Design
- Al-Shanableh, F., Bilin, M., Evcil, A., & Savas, M. A. Estimation of cold flow properties of biodiesel using ANFIS-based models. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1–18. 2019.

7.2. Articles Published in Other International Peer-Reviewed Journals

- Bilin, M., Alshanableh, F., Evcil, A., Savaş, M.A. A comparative Examination of the Quality of Jojoba Seed Oil Harvested on the Mesaoria Plain of Cyprus Island. 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) 19-21 October 2018, Ankara/Turkey.
- Bilin, M., Alshanableh, F., Evcil, A., Savaş, M.A. A comparative Examination of the Quality of Jojoba Seed Oil Harvested on the Mesaoria Plain of Cyprus Island. IEEE Xplore Digital Library, doi: 10.1109/ISMSIT. 2018. 8567052 10 Dec. 2018
- R. Abiyev, M. Bilin. Fuzzy intelligent robot for the defining quality of products. EMO Bilim, Cilt 2, Sayı 6, pp 29-31, 2002 3.2

7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

- Effects of Water Jet Referencing and Calibration on Cutting Tolerances on EN 10025 S235JR Steel and Various Series of EN AW Aluminium Alloy Sheets (2023)
- Utilizing Jojoba as a Sustainable Energy Source in Smart Cities for SDG Advancement: A Case Study (2023)
- Harvesting Energy from Nature: A Case Study on Utilizing Jojoba as a Biofuel Source in Northern Cyprus (2023)

7.4. National/international Books or Book Chapters

7.5. Articles Published in National Peer-Reviewed Journals

8. Art and Design Activities

9. Projects

10. Administrative Responsibilities

- Summer practice coordinator of Mechanical engineering department
- Mechanical Engineering Department vice-chairman

11. Memberships in Scientific and Professional Organizations

- Member of Mechanical engineer chamber TRNC

12. Awards None

13. Undergraduate and Graduate Courses Taught in the Last Two Years

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021 - 2022	FALL	ECC103	4		36
		MOD103	3		45
		ECC481	3		30
		MOD481	3		6
		ECC434	3		28
		ME400 (proje)			2
		MAK400 (proje)			2
2021 - 2022	SPRING	ME104	3		20
		MOD434	3		12
		MAK104	3		8

		MOD222	4		19
		ECC222	4		45
		ME400 (proje)			4
		MAK400 (proje)			2
2022 - 2023	FALL	ECC103	4		37
		MOD103	3		40
		ECC481	3		22
		ECC434	3		10
		MOD481	3		4
		ME400 (proje)			2
		MAK400 (proje)			2
2022 - 2023	SPRING	ECC222	4		50
		MOD222	4		6
		MEE324	3		11
		MAK324	3		3
		ME400			4
		MAK400 (proje)			2