



Alexandria Higher Institute of Engineering Technology (AIET)

CURRICULUM VITAE

Lecturer: Asmaa Ahmed Abdelrehem Ibrahim

Department: Mechatronics

Personal Information

- Date of Birth: 7 Dec 1997
- Nationality: **Egyptian**
- Religion: Muslim
- Work Tel.: +2-035754314 Mob: 01271323137
- Email: asma.ahmed@aiet.edu.eg

Current Occupation

Teaching assistant in Mechatronics department

Scientific Position

Teaching assistant
(2022- Now) Mechatronics department in AIET

Education and Academic Degrees

B. Sc. Overall rate of appreciation: 3.81 GPA
(2021) Specialization: Mechatronics
Institute: Alexandria Higher Institute of Engineering and Technology

Language & Computer Skills

- English: Very Good
- Computer skill: Very Good

Teaching and Research Topics

Undergraduate tutorials as Teaching assistant	Date
Digital system design	2023/2024
Energy conversion 2	2023/2024



Alexandria Higher Institute of Engineering Technology (AIET)

CURRICULUM VITAE

Lecturer: OMAR ABDULAZIZ KESHK

Department: Mechatronics Engineering

• Personal Information

- Date of Birth: 23, 10, 1987
- Nationality: **Egyptian**
- Religion: Muslim
- Work Tel.: **+2-03** Mob:01007596176
- Email: omar.keshk@aiet.edu.eg

• Current Occupation

lecturer in Mechatronics department

• Previous Occupations

Assistant lecturer in Mechatronics department

• Scientific Position

- | | |
|---------------------------------------|---------------------------------|
| 1. lecturer
(2016-Now) | Mechatronics department in AIET |
| 2. Assistant lecturer
(2010-2016) | Mechatronics department in AIET |
| 3. Teaching assistant
(2009- 2016) | Mechatronics department in AIET |

• Education and Academic Degrees

1. Ph. D. **Thesis title:** Performance enhancement of journal bearings by optimization of surface texturing (2020)
Specialization: Applied Mechanics
Institute: Faculty of engineering, Alexandria university
2. M. Sc. **Thesis title:** MONITORING OF DEEP GROOVE BALL BEARING DEFECTS USING THE ACOUSTIC EMISSION TECHNOLOGY (2015)
Specialization: Applied Mechanics
Institute: Faculty of engineering, Arab Academy for science and technology

3. B. Sc. **Overall rate of appreciation:** Excellent, (GPA 3.63/4)
 (2009) **Specialization:** Mechatronics
Institute: Alexandria Higher Institute of Engineering and Technology

• **Language & Computer Skills**

- English: Excellent
- Computer skill: Excellent

• **Teaching and Research Topics**

Undergraduate courses as Assistant lecturer	Date

• **Recent Publications**

<i>Published Papers in International Journals & Conferences</i> <i>Top three published papers (recently)</i>	
1-	MONITORING OF DEEP GROOVE BALL BEARING DEFECTS USING THE ACOUSTIC EMISSION TECHNOLOGY International Journal of Sciences: Basic and Applied Research (IJSBAR) (2016) Volume 29, No 2, pp 237-247.
2-	MONITORING OF DEEP GROOVE BALL BEARING DEFECTS USING THE ACOUSTIC EMISSION TECHNOLOGY Czech Society for Nondestructive Testing 32nd European Conference on Acoustic Emission Testing, Prague, Czech Republic, September 07-09, 2016.
3-	



Alexandria Higher Institute of Engineering Technology (AIET)

CURRICULUM VITAE

Assistant Lecturer: Tassneem Mohamed Reda Hafez Elrouby

Department: Mechatronics

• Personal Information

- Date of Birth: 20-10-1992
- Nationality: **Egyptian**
- Religion: Muslim
- Work Tel.: **+2-03 4254370** Mob: 01272211755
- Email: tassneem.elrouby@gmail.com

• Current Occupation

Assistant lecturer in Mechatronics department

• Previous Occupations

Teaching Assistant in Mechatronics department

• Scientific Position

- | | |
|---|--|
| 1. Assistant lecturer
(2020-2024) | Mechatronics department in AIET |
| 2. Teaching assistant
(2016) | Mechatronics department in AIET |

• Education and Academic Degrees

1. Ph. D. In progress
2. M. Sc. **Thesis title:** Speed control of permanent magnet synchronous motor using particle swarm optimization and cuttlefish camouflaging optimization
Specialization: electrical power and machines
Institute: Faculty of engineering
3. B. Sc. **Overall rate of appreciation:** Excellent
Specialization: Mechatronics
Institute: Alexandria higher institute of engineering and technology

• Language & Computer Skills

- English: Excellent
- Computer skill: Excellent

• Teaching and Research Topics

Undergraduate courses as Assistant lecturer	Date
Mechanics 2 - Tutorial	2016
Microprocessor interfacing lab & logic design lab & Mechanics 2 lab & Electric circuit 2 lab & Fluid mechanics lab & Electric energy sources lab & refrigeration and air conditioning	2020 second term
Control system theory and design lab & Modern physics lab and tutorial & Mathematics 3	2021 first term
Mathematics 4 & physics 2 lab & refrigeration and air conditioning lab	2021 second term
Mathematics 3 & Mechanics of machine	2022 first term
Mathematics 4 & Automotive engineering, refrigeration and air conditioning	2022 second term
Mechanics of machine & Mathematics 3 & electric circuit lab 1 & modern physics lab	2023 first term
Automotive engineering, refrigeration and air conditioning	2023 second term
Mechanics of machine & electric circuit lab 1 & mechanics 1 lab	2024 first term
Automotive engineering, refrigeration and air conditioning	2024 second term

• Recent Publications

<i>Published Papers in International Journals & Conferences published papers (recently)</i>	
1-	T. M. Reda, K. H. Youssef, I. F. Elarabawy and T. H. Abdelhamid, "Comparison Between Optimization of PI Parameters for Speed Controller of PMSM by Using Particle Swarm and Cuttlefish Optimization," <i>2018 Twentieth International Middle East Power Systems Conference (MEPCON)</i> , Cairo, Egypt, 2018, pp. 986-991, doi: 10.1109/MEPCON.2018.8635290.