

Curriculum Vitae

Dr. Osama Mohamed Mahmoud Khorais
 Assistant Professor

Mechatronic and Robotics Engineering
 Faculty of Engineering, Egyptian Russian University
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1. Personal Information

First Name / Sure Name: Osama Khorais

Date of Birth: 20-02-1971

Nationality: Egyptian

E-mail: osama-khorais@eru-edu-eg

Gender: male

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates

3. Professional Experience

Occupation	Name & Address of Employer	Dates	
		From	To

4. Discipline

General Discipline	Mechanical Power Engineering	Principle Subject	
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5. Professional & Technical Skills

6. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Microsoft Office		√	
Language Skills	Excellent	Good	Fair
Arabic	√		
English		√	

7. Scientific Activities

a. Publication:

1. ED Ahmed, K Osama; “Rationing the Pressurized Air-Vessel Volume for Water Hammer Protection in Water Pipe Systems” Asian Journal of Engineering and Technology (ISSN: 2321 – 2462) 6 (02), June 2018.
2. EB. Marwa, K. Osama, and G, Arafa; “A New Technique For Improving The Performance Of A Dumping External Gear Pump’, Engineering Research Journal, (ISSN: 1687-1340) 1 (42), October 2019.
3. E. Ahmed, A. H. Aida, A. Hesham and K. Osama; “Design Optimization for Electrical Submersible Pumps Handling Viscous Fluids” Journal of Immerging Technologies and Innovative Research (ISSN: 2349 – 5162) 7 (02), Feb 2020.

b. Supervision:

Degree	Researcher Name
Phd	"Design of Thermal Storage Tanks and Piping Network for Molten Salt Solar Thermal Power Station"
MSc	"Ground effect on slotted airfoils"
MSc	"Erosion Corrosion Phenomenon in Pipelines Elbow"
MSc	"Optimization Design of Biogas Digester"
MSc	"Rationing the Pressurized Air-Vessel Volume for Water Hammer Protection in Water Pipe Systems "

c. Conferences

Conferences	Professional Conference Organizer
1) The international conference of the power mechanical department.	Helwan University
2) 1st. International Conference on Environmental Management and Technologies. "Environment 97"	Egyptian Ministry of Environment

8. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes

9. Membership of Professional Associations

10. Social Activities

11. Membership of Professional Associations

12. Awards

I certify that the information provided in this curriculum vitae is accurate.

Name	Dr. Osama Khorais	Signature	Osama Khorais	Date	1-Feb. - 2021
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