

Curriculum Vitae

Ahmed Thabet Ahmed Mohammed
 Teaching Assistant
 Mathematical and Natural Sciences Department
 Faculty of Engineering, Egyptian Russian University
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1. Personal Information

First Name / Sure Name: Ahmed Thabet Ahmed Mohammed

Date of Birth: 13/9/1994

Nationality: Egyptian

E-mail: ahmed-thabet@eru.edu.eg

Gender: Male

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates
M.Sc.	Faculty of Science, sohag Univ., Dep. of Physics	Experimental solid state Physics	April, 2019 - until now
Pre-M.Sc.	Faculty of Science, sohag Univ., Dep. of Physics	Experimental solid state Physics	November, 2018
B.Sc.	Faculty of Science, sohag Univ., Dep. of Physics	Physics	May, 2016

3. Professional Experience

Occupation	Name & Address of Employer	Dates	
		From	To
Teaching Assistant	Faculty of Engineering, Egyptian Russian University (ERU)-Egypt	November 1, 2016	until now
physicist	the Egyptian Galvanized Steel Plant Co. -Egypt	July 28, 2016	October 31, 2016

4. Discipline

General Discipline	Physics	Principle Subject	Experimental solid state Physics
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5. Experience in teaching

Most of the undergraduate courses were experienced by author

1. Physics I (Mechanics)
2. Physics II (Electricity and Magnetism)
3. Physics III (Light and Optics)
4. Physics IV (Modern Physics)
5. Electrical Engineering Materials
6. Numerical Analysis
7. Mathematics I
8. Mathematics II

The author has a good background about the undergraduate courses

1. Mathematics III
2. Mathematics IV
3. Engineering Mechanics I
4. Engineering Mechanics II
5. Probability and Statistics
6. Thermodynamics

In addition to

- Teaching, Physics LAB helps students to apply and test theories

6. Professional & Technical Skills

1. Proficient experience in a variety of materials–characterization methods: X-ray Diffraction (XRD), Scanning Electron Microscopy (SEM) combined with Energy-dispersive X-ray Spectroscopy (EDX)
2. Treatment of metals by using atmospheric pressure plasma
3. Treatment of polymers by using atmospheric pressure plasma
4. Measurements the mechanical properties for different materials
5. Measurements the electrical properties for different materials
6. Measurements the optical properties for different transparent materials

7. Preparation thin films have a good application in photonic devices.
8. Versatile and special in the development, operation of the following
 - Dc pulsed Magnetron Sputtering system
 - High vacuum systems (Rotary pump)
 - Ultra high Vacuum (Turbo pump)
 - Atmospheric Pressure Plasma system

7. Professional experience

1. Joined as a lecturer on Rwaq platform to teach the subject of Physics (Electricity & Magnetism), Apr.15, 2020
2. Attendance as a Judge on "The Undergraduate Research Forum at Nile University", Jun. 22, 2019
3. Attendance as a Judge and organizer on the "Physics Day at the Egyptian Russian University", Dec.28, 2018
4. Attendance as a Judge on "The Undergraduate Research Forum at Nile University", Dec. 15, 2018
5. Attendance as a Judge and organizer on the "Physics Day at Egyptian Russian University", Dec. 20, 2016

8. Personal Skills

Computer Skills	Self-Assessment		
	Excellent	Good	Fair
Fortran	✓		
Microsoft Office	✓		
Matlab	✓		
Origin	✓		
C#		✓	
Language Skills	Self-Assessment		
	Excellent	Good	Fair
Arabic	✓		
English	✓		
French		✓	

9. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes
The 1 st international Winter school Basic of Materials Science	South Valley University	February 2020	At South Valley University
Data Analysis Track	Udacity	October, 2020	Online
Materials for Energy	The Arab-German young Academy of Sciences and Humanities	October, 2020	Online
Creating Apps in The classroom	Queensland University of Technology	July, 2020	Online
Inclusive Education: Essential Knowledge for Success	Queensland University of Technology	July, 2020	Online
Critical Thinking	Rwaq	June, 2020	Online
Russian Language Basics	Rwaq	June, 2020	Online
Summer-Training in Theoretical Particle Physics	Egyptian Center for Theoretical Physics (ECTP) in Collaboration with Faculty of Women for Arts, Science and Education of Ain Shams University	June, 2015	At Science and Education of Ain Shams University

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

Name	Ahmed Thabet Ahmed Mohammed	Signature		Date	February, 2020
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