

Curriculum Vitae			
Personal information			
First name(s) / Surname(s)	Amera Zain El-Abdeen Mahmoud / El-Shahedy		
Address(es)	Physics Department – Faculty of Science – Assiut University – Assiut 71516 - EGYPT		
Telephone(s)	+201008532010		
E-mail	amerazain@yahoo.com		
Nationality	Egyptian		
Marital Status	Married, two sons (11 and 8 years old)		
Date, Place of birth	01-03-1981, Assiut, Egypt		
Gender	Female		
Desired employment / Occupational field			
Education and training			
Dates (2010 – 2015)			
Title of qualification awarded	Ph.D. in “Studies on (Se-Te-Sb) Phase Change Chalcogenides and its Applications”		
Name and type of organisation providing education and training	Assiut University, Faculty of science, Department of Physics, , Assiut, Egypt		
Dates (2004 – 2007)			
Title of qualification awarded	M.Sc. in “Physics” title of thesis “Study of Some Physical Properties of Bi-Se Chalcogenide Glasses”		
Name and type of organisation providing education and training	Assiut University, Faculty of science, Assiut, Egypt		
Dates (2002 – 2003)			
Title of qualification awarded	Diplom courses in Physics		
Name and type of organisation providing education and training	Assiut University, Faculty of science, Assiut, Egypt		
Dates (1997 – 2001)			
Title of qualification awarded	B.Sc. in Physics		
Name and type of organisation providing education and training	Assiut University, Faculty of science, Assiut, Egypt		
Work experience			
Dates (8. 2012-until now)			
Occupation or position held	Assistant Lecturer		
Main activities and responsibilities	1. Assist in teaching physics experiments in labs for undergraduate students. 2. Study and research for Ph. D.		
Name and address of employer			
Dates (2.2007 – 7.2012)	leave on (children care)		
Dates (2003 – 2007)			
Occupation or position held	Demonstrator in Physics		

Main activities and responsibilities	1. Assist in teaching physics experiments in labs for undergraduate students. 2. Study and research for M. Sc.				
Name and address of employer	Assiut University, Faculty of science, Physics Department, Assiut, Egypt				
Personal skills and competences					
Mother tongue(s)	Arabic				
Other language(s)					
Self-assessment	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B2
German	A1	A1	A1	A1	A1
French	A1	A1	A1	A1	A1
	(*) Common European Framework of Reference for Languages				
Technical skills and competences	1. Preparing bulk Chalcogenide Glasses by melt quenching technique. 2. Preparing thin films specimens from bulk Chalcogenide Glasses by thermal evaporation technique. 3. Structural (XRD, DTA, DSC, SEM), Optical and Electrical measurements.				
Computer skills and competences	Microsoft Office (ICDL) , Origin				
Publication	<p>1- "Kinetic study of non-isothermal crystallization of $\text{Bi}_x\text{Se}_{100-x}$ chalcogenide glasses", M.A. Abdel-Rahim, A. El-Korashy, M.M. Hafiz and A.Z. Mahmoud, Physica B: Condensed Matter 403 (18) 2956.</p> <p>2- "Composition effect on the optical and electrical parameters of $\text{Bi}_x\text{Se}_{100-x}$ thermal evaporated films", A. El-Korashy, M.A. Abdel-Rahim, M.M. Hafiz and A.Z. Mahmoud, Poster presented by A. El-Korashy on First Sharjah international conference on nanotechnology and its applications, 10-12 April 2007, jointly sponsored by the American University of Sharjah and the University of Sharjah, United Arab of Emirates.</p> <p>3- "Effect of Sb additive on structural and optical properties of Se-Te-Sb thin films" M.A. Abdel-Rahim, M.M. Hafiz and A.Z. Mahmoud, Applied Physics A, 118 (2015) 981.</p> <p>4- "Crystallization kinetics of overlapping phases in $\text{Se}_{70}\text{Te}_{15}\text{Sb}_{15}$ using isoconversional methods" M.A. Abdel-Rahim, M.M. Hafiz and A.Z. Mahmoud, Progress in Natural Science Materials International, 25 (2015) 169.</p> <p>5- "Influence of thermal annealing on structural and optical properties of $\text{Se}_{70}\text{Te}_{15}\text{Sb}_{15}$ thin films", M.A. Abdel-Rahim, M.M. Hafiz and A.Z. Mahmoud, Chalcogenide Letters, 12 (2015) 263.</p> <p>7- "Influence of thickness and annealing on optical constants of $\text{Se}_{82.5}\text{Te}_{15}\text{Sb}_{2.5}$ chalcogenide thin films", M.A. Abdel-Rahim, M.M. Hafiz and A.Z. Mahmoud, Solid State Sciences, 48 (2015) 125.</p> <p>8- "Study of crystallization kinetics of $\text{Se}_{77.5}\text{Te}_{15}\text{Sb}_{7.5}$ using isoconversional models", M.A. Abdel-Rahim, M.M. Hafiz and A.Z. Mahmoud, Online in Phase Transition journal.</p>				
Areas of interest	<ul style="list-style-type: none"> • Semiconductor materials and solid state physics • Chalcogenide Glasses and thin films 				
Referees					
Referee1	Prof. Dr. M.M. Hafiz, Assiut University, Faculty of science, Physics Department, Assiut, Egypt mmhafiz12@yahoo.co.uk				
Referee2	Prof. Dr. M.A. Abdel-Rahim, Assiut University, Faculty of science, Physics Department, Assiut, Egypt maabdelrahim@yahoo.com				
Referee3	Prof. Dr. A.A. Abu-Sehly, Assiut University, Faculty of science, Physics Department, Assiut, Egypt sehly20002000@yahoo.com				