



Department of Science - Physics  
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**Assiat Profosor, Materials Science and Nanotechnology**

<b>Personal Information</b>	<b>Nationality:</b> <b>Marital status</b> <b>Phone:</b>	<b>Egyptian</b> <b>Married</b> <b>0096 561449555</b>	<b>Birth Date:</b> <b>Place of Birth:</b> <b>E-mail:</b>	<b>18-11-1970</b> <b>Cairo-Egypt</b> <b>mohamed.eltabey@yahoo.com</b>
<b>Summary of Academic Qualifications</b>	<p>- <b>Degree:</b> B.Sc. <i>Excellent with honor degree (in physics)</i> - <b>Date:</b> May 1992  <b>Institution:</b> <i>Physics Department, Faculty of Science, Ain shams University, Cairo- Egypt.</i></p> <p>- <b>Master Degree (M.Sc.) Title:</b> "<i>Magnetic Properties of Cu-Zn Ferrites Doped with Rare Earth Oxides</i>"  M.Sc. (<i>in solid state physics</i>), <b>Date:</b> 13/4/1998, <b>University:</b> <i>Ain Shams University (Faculty of Science)</i></p> <p>- <b>Ph. Degree (Ph.D.) Title:</b> "<i>Effect of Substitution and Temperature on the Electrical and Magnetic Properties of some Mixed Ferrites</i>"  Ph.D. (<i>in solid state physics</i>), <b>Date:</b> 13/6/2005, <b>University:</b> <i>Ain Shams University (Faculty of Science)</i></p>			
<b>Teaching and Work related Skills</b>	<p><b>Positions:</b> 1) <i>Demonstrator, 20/12/1992, Physics Department, Faculty of Science, Ain Shams university.</i> 2) <i>Demonstrator (in physics), 1/9/1996, Basic Engineering Science Department, Faculty of Engineering, Menoufya University.</i> 3) <i>Lecturer, 18/6/1998.</i> 4) <i>Assistant professor, 31/8/2005,</i> 5) <i>Associate professor, 28/6/2011,</i> 6) <i>Associate professor, 25/8/2012 , Preparatory Year Deanship, Medical Physics Department, Jazan, University, Saudi Arabia.</i></p> <p><b>Teaching Experience:</b> 1) <i>undergraduate Courses:4,</i> 2) <i>Graduate Courses: 4,</i> 3) <i>nanotechnology Courses:2</i></p> <p><b>Skills development courses:</b>  <i>Presence a group of various programs to develop the capacity of faculty members and leaders.</i></p> <p>1 - <i>Management of Scientific Research</i> 2 - <i>Competitive of local and global research projects</i>  3 - <i>The organization of scientific conferences</i> 4 - <i>Quality standards in the teaching process</i>  5 - <i>Effective Presentation Skills</i> 6 - <i>University administration</i></p>			
<b>Research Profile</b>	<p><b>Specification:</b> <i>materials science and nanotechnology, magnetic and electrical properties.</i></p> <p><b>Number of publications</b> (<i>up to Dec. 2014</i>): <b>Total: 34</b>, <b>in field of nanotechnology 16 paper.</b></p> <p><b>Published books:</b> 3 books with ISBN<sup>®</sup>: 978-603-01-2661-3, 978-603-01-2662-0 and 978-603-01-4274-3</p> <p><b>Total number of citations</b> (<i>up to Dec. 2014</i>): <b>255</b>, <b>Value of h-index : 8</b>, <b>Value of i10<sup>th</sup>-index: 7</b></p> <p><b>Website of citation link:</b> <a href="http://scholar.google.com/citations?user=qLjOdz4AAAAJ&amp;hl=en&amp;start=0&amp;pagesize=20">http://scholar.google.com/citations?user=qLjOdz4AAAAJ&amp;hl=en&amp;start=0&amp;pagesize=20</a></p> <p><b>Research missions:</b> <i>Post doctor mission, from 10/4/2008 to 13/1/2009, to Physics / Mechanical Engineering Departments, Wichita State University, Wichita, KS, USA the work mainly done in the field of nanotechnology.</i></p> <p><b>International conferences:</b> <i>7 conferences with 3 oral presentations and 4 posters.</i></p> <p><b>Reviewer for international journals in materials science :</b></p> <p>I- <i>Journal of Materials Chemistry and Physics (MATCHEMPHYS)</i>  II- <i>Materials Sciences and Applications (MSA)</i>  III- <i>Materials Science and Engineering B (MSB)</i></p> <p><b>Associations and scientific societies:</b></p> <p>1 - <i>Member of the Egyptian Society of Crystallography since 1998.</i>  2 - <i>Member of the Egyptian Society of Solid State 2005.</i>  3 - <i>Member of Technology Association of Inventors since 2010.</i></p> <p><b>Thesis Supervision:</b> <i>I am supervisor on 6 Ph.D thesis (3 of them are awarded) and 4 M.Sc. thesis (2 of them are awarded)</i></p> <p><b>Technical Experience:</b></p> <p>1- <i>Preparation of nano-ferrites and nano-composites.</i> 2- <i>Fabrication of nano fiber using Electrospinning technique.</i> 3- <i>Preparation of ceramic materials using Ceramic method.</i> 4- <i>Operating the Mossbauer Spectrometer.</i> 5- <i>Designing and machining setup for measurement the temperature dependence of dc resistivity and thermoelectric power for three samples in tablet form at the same time.</i> 6- <i>Measurement the frequency dependence of dielectric constant at low and high temperatures.</i> 7- <i>Measurement magnetization and magnetic permeability at low and high temperatures.</i> 8- <i>Operating differential scanning calorimeter (DSC)</i> 9- <i>Building and operating the vibrating sample magnetometer (VSM).</i></p>			