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| **Dr. Fatema Alzahraa Mohamad Nabieh Hassan** | | | | | | |
| **Short Resume:** | | | | | | |
|  | | | | | | |
| **Academic Degrees:** | | | | | | |
| **Country** | **Year of Graduation** | **University** | | **Major** | | **Degree** |
| **EGYPT** | **2011** | **Mansoura** | | **Theoretical Physics** | | **PhD** |
| **EGYPT** | **2007** | **Mansoura** | | **Theoretical Physics** | | **MSc** |
| **EGYPT** | **2002** | **Mansoura** | | **Physics** | | **BSc** |
| **Publications** | | | | | | |
| **Link** | | **Date of Publication** | **Name of Journal** | | **Publication Title** | |
|  | | **2007** | **MSc thesis** | | A First- Principles Calculations in Magnetism . | |
|  | | **2011** | **PhD thesis** | | A First- Principles Calculation of the Magnetic Properties and Electronic Structure of 3d Transition Metal- Based Compounds. | |
| <http://www.sciencedirect.com/science/article/pii/S0921452612003067> | | pp. 2486-2489, 1, 2012. | Physics of Condensed Matter, | | A first-principle study of the magnetic, electronic and elastic properties of the hypothetical YFe5 compound | |
| [**http://www.ripublication.com/irph/volume/ijpav2n3.htm**](http://www.ripublication.com/irph/volume/ijpav2n3.htm) | | 2010. | International Journal of Physics and Applications (IJPA), ISSN 0974-3103 | | “A DFT-Based Study of the Magnetic, Electronic and Elastic Properties of YFe2”, Volume 2, Number 1, pp. 135--148(2010). | |
|  | | 2008. | Adaptive Data Analysis  World Scientific Publishing Company | | Electronic band structure and magnetic properties of YCo5 | |
|  | | 2012 | Lambert Academic Publishing  (978-3-8484-1370-6) | | Calculation of the Magnetic and Electronic Properties of YFe Compounds | |

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| **Administrative Designations, Committees and Units** | | | | | | | | |
| **Designation (head, coordinator, member)** | | **Department Units & Committees** | | | **Designation (head, coordinator, member)** | **College Units & Committees** | | |
|  | |  | | | **coordinator of physics department** | **Quality and development** | | |
|  | |  | | | **coordinator of physics department** | **Academic Advisory** | | |
|  | |  | | |  |  | | |
| **Administrative Designations** | | | | | | | | |
| **Period of Time** | | | | | **Administrative Designation** | | | |
|  | | | | |  | | | |
|  | | | | |  | | | |
| **Courses (Current Semester)** | | | | | | |
| **Credit Hours** | | **Actual Hours** | **Course Name** | | | **Course Code &**  **Number** |
| **4** | | **5** | **mathematical physics 1** | | | **PHYS121** |
| **3** | | **4** | **classical mechanics 1** | | | **PHYS122** |
| **3** | | **4** | **mathematical physics 2** | | | **PHYS 212** |
| **3** | | **4** | **classical mechanics 2** | | | **PHYS215** |
| **3** | | **4** | **mathematical physics 1** | | | **PHYS221** |
| **5** | | **4** | **electrodynamics** | | | **PHYS314** |
| **3** | | **4** | **computational physics 1** | | | **PHYS411** |
| **3** | | **4** | **computational physics 2** | | | **PHYS421** |

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| **Administrative & Academic Experience (Former Administrative & Academic Designations)** | | | |
| **Period of Time** | | **Former Administrative Designations** | |
| **-----------** | | **----** | |
| **Period of Time** | | **Academic Ranks** | |
| **2011 up to now** | | **Assistant Professor** | |
| **2007 up to 2011** | | **Lecture** | |
| **2002-2007** | | **Demonstrator** | |
| **Training Courses** | | | |
| **Date** | **Institution** | **Course Type** | **Name** |
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| **Faculty Members Activities** | | | |
| **Link** | | **Activity** | |
| **------------** | | **------** | |

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| **Contact Information** | | | | |
| **Office Hours** | | | | |
| **10.00:12.00** | **Hour:** | **Monday** | | **Day:** |
| **12.00:2.00** | **Hour:** | **sunday** | | **Day:** |
| **Academic Advisory** | | | | |
| **10.00:12.00** | **Hour:** | **Tuesday** | | **Day:** |
| **10.00:12.00** | **Hour:** | **Thursday** | | **Day:** |
| **Contact Me** | | | | |
| **016-4043832** | | | **Phone** | |
| **f.hassan@mu.edu.sa** | | | **E-mail:** | |
| **Faculty.mu.edu.sa/fhassan** | | | **Faculty University Website:** | |
| **-------------** | | | **Other Website:** | |
| **-------------** | | | **Blogs** | |