

# Merfat Ali I AlZumia

Country of residence: KSA/ Riyadh  
 Current Occupation: Lecturer in  
 the Department of Physics - Imam Muhammad Saud Islamic University  
 Specialist: Theoretical Physics

Office No.50 39  
 Extension :99318  
 mazumia@imamu.edu.sa  
 600@imamm.org

Riyadh, Saudi Arabia

95200

## Qualication

- BSc Bachelor of Science; General Physics - University of Princess Noura Abdul Rahman
- M.A. Master of Science in Physics - Specialization theoretical physics - King Saud University 'Methods For Solving Nonlinear Partial Differential Equations Arising In Mathematical Physics'

## Awards of Certication

- A certificate of thanks from the director of the Center for Educational supervision: a. Noura Mohammed Althagafi
- Activation of cooperative learning strategy
- Activated environment physically - Desert corner
- A certificate of thanks and appreciation from the secondary Director Fifty-eighth: a. Sheikha Al-Quran
- Amazing Teacher
- Completing Revision of audit
- A certificate of thanks and appreciation from the dean of the University of Princess Noura
- Member of the success of public activity. Dr. Nourah Al- Mubarak
  - The effective contribution to the success of the activities of physics and the reality we live. Dr Muneerah Al- Abdaan
- A certificate of thanks and appreciation from the secondary Yamamah Director given by Rana Al- Shahyl
- Alternatives in physical experiments
  - For creating and overseeing scientific innovation laboratory for the detection of talented
- The ideal science class
- First place in the physics contest the west of Riyadh level
- Foreign Participation nine ideas to learn to play
- A certificate of thanks and gratitude of the House education for orphans for the physical and mathematical and scientific education
- A certificate of thanks and appreciation from Ms. Fawzia Almozan for
- Distinguished teacher
- Best writing in the activation of the cultural heritage
- Use of the raw materials for a better environment
- Rationalising water consumption
- Preparation of an educational course on security and safety
- Corner and display practical ways and the period of the decomposition of waste in the desert environment
- A certificate of thanks and appreciation from the Faculty of Science
- Awarded third place in the competition titled non-linear problem-solving using a program such as Mathematica is installed on a free source such as Linux conducted by the King Abdul Aziz City for Science and Technology
- Obtained from the Department of Educational Supervision for the Middle shield to excellence in providing a typical lesson on the east and south of Riyadh level

## Science related Experience

- Secondary school teacher – Yamamah
- Secondary school teache in58
- school 211 Teacher in Riyadh
- Teacher in Riyadh 72 school
- in Tarbiyah for Orphans
- Teacher in National school for Riyadh
- Instructor for the Department of Physics in the Science College of Imam Muhammed Saud Islamic University
- Lecturer for the Physics department in the Science College of Imam Muhammad Saud Islamic University
- Vice dean for the Physics department in the Science College of Imam Muhammad Saud Islamic University

### Additional Experience:

- Action Forum Specialist entitled 'First Arab Conference for the development of the physical capabilities of staffin collaboration with the physical organization in Sudan
- Honorable forum - Imam Muhammad Saud Islamic University College of Sciences

## Articles published internationally

- New application of the  $(G'/G)$ -Expansion method for nonlinear evolution equations with variable coefficients, MA Abdou, AHindi, Merfat Al-Zumia, Studies in nonlinear science ISSN 2221 - 3910 , 76, 70 (2011) (2) 2
- On the extended  $(G'/G)$ -expansion method and its applications MA Abdou, AHendi, Mirvet AlZumaie, International Journal of Applied mathematics and Computation (3), (2011) 193 – 199

## Courses

- building achievement tests Duration
- The training program of physics experiments in the light unit Duration
- Mathematics and its Applications Conference Duration
- modern teaching techniques and their uses in university education Duration
- parameters to create Mathematics Project Mathematics and Natural Sciences development Duration
- research skills in databases Duration
- internal audit programs and courses and performance indicators Duration
- The role of attorneys departments in the development of university education
- Education and learning university program UTL Duration
- Note colleague Duration : One Day Organizer