# Curriculum Vitae

# **Mohammad Yousef Al-Zaatreh**

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## EDUCATION

MS	The University of Jordan, Physics <i>Comprehensive Exam</i>	Aug 2010
BS	Hashemite University, Physics Seminar title: Plasma and solar winds	Sep 2005

#### PUBLICATIONS

- M.I. Sayyed, M.Y. AlZaatreh, M.G. Dong, M.H.M. Zaid d, K.A. Matori, H.O. Tekin." *A comprehensive study of the energy absorption and exposure buildup factors of different bricks for gamma-rays shielding*". Results in Physics 7 (2017) 2528–2533
- M.I.Sayyed, M. Y. AlZaatreh, K.A.Matori, H.A.A.Sidek, M.H.M.Zaid." *Comprehensive* study on estimation of gamma-ray exposure buildup factors for smart polymers as a potent application in nuclear industries". Results in Physics 7 (2018)
- MI Sayyed, ZY Khattari, Ashok Kumar, J Al-Jundi, MGDong and MY AlZaatreh." Radiation shielding parameters of BaO–Nb2O5–P2O5 glass system using MCNP5 code and XCOM software". Mater. Res. Express 5 (2018) 115203

## PROFESSIONAL SERVICE

## **Peer-Reviewed Articles for:**

- Materials Research Express
- Physica Scripta

# • **TEACHING EXPERIENCE**

<ul> <li>Fahad Bin Sultan University, Tabuk-Saudi Arabia</li> <li>Lecturer, Sciences Unit <ul> <li>Taught Courses :</li> <li>Collage Physics 101 &amp; 102</li> <li>Collage Physics Labs 101 &amp; 102</li> <li>Calculus I &amp;II</li> <li>Introduction to Astronomy</li> <li>Foundations Year Math I &amp; II</li> </ul> </li> <li>Developed quizzes, exams, and homework.</li> <li>Revised the syllabus to meet accreditation state</li> <li>Developed student manual for physics Lab 10</li> <li>Developed computerized tests using TestGen</li> </ul>	1&102.
<ul> <li>Al-Hassad schools, Amman- Jordan</li> <li>Teacher,</li> <li>Taught Courses</li> <li>➢ Physics courses, High and Middle leve</li> <li>➢ Developed quizzes, exams, and homey</li> </ul>	
<ul> <li>Victoria Collage schools, Amman- Jordan</li> <li>Teacher,</li> <li>Taught Courses</li> <li>➢ Physics courses, High and Middle level</li> <li>➢ Science Course .elementary level.</li> <li>➢ Developed quizzes, exams, and homey</li> </ul>	
<ul> <li>Ministry of Education, Amman- Jordan</li> <li>Teacher,</li> <li>Taught Courses</li> <li>Physics courses, High and Middle level</li> <li>Science Course .elementary level.</li> <li>Developed quizzes, exams, and homey</li> </ul>	

#### • MEMBERSHIPS

- The Jordanian physicists society
- CERTIFICATIONS
  - TOEFL IBT
  - ICDL
  - Driving License

Jul 2019 to Presents

#### LANGUAGES

- Arabic: Native Language
- English: Intermediate Listener, Novice Speaker, Advanced Reading and Writing

#### • COMPUTER SKILLS

- **Programming**: MATLAB
- Applications: LaTeX, Microsoft Office (Word, Excel, PowerPoint)
- **Platforms**: Windows, Ubuntu

#### OTHERS

Personal Interests:

- **Sports**: Swimming, Volleyball, Basketball, football and Table tens.
- **Reading**; International news.