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| C:\Users\Mohammad.m.abushayeb\Downloads\frame.pngA person wearing a suit and tie  Description generated with very high confidence | Dr. Mohammad kheare Abu ShayebAssociated Professor Physics DepartmentFaculty of ScienceAl-Hussein Bin Talal University (JORDAN)

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| Street Address:Al Hussien bin Talal University-Main Campus Ma’an, Jordan | Mailing Address:P.O. Box 20Ma’anJordan |
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| http://email-soft.me/AHUASP/images/dr-icon2.jpghttp://email-soft.me/AHUASP/images/dr-icon4.jpghttp://email-soft.me/AHUASP/images/dr-icon3.jpgHomepage: <http://ahu.edu.jo> http://email-soft.me/AHUASP/images/dr-icon1.jpg |

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| Research Interests: |
| Radiation physicsExperimental high energy physics |
| Heavy-ion Interactions |

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| Qualification (Career and University Education) |
| Ph.D. in (Physics )  | High Energy Physics | *University of Rajasthan-*Jaipur-INDIA-2003 |
| M.Sc (Physics) | Nuclear Physics | *Dr. B. S Marathwada University*-India,1996.  |
| B.Sc (Physics) | Physics | *Dr. B. S Marathwada University*- India,1993. |
| Employment

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| --- | --- |
| 2017-still | Associated professor Al-Hussein Bin Talal University, *Ma’an, Jordan* |
| 2011-2017  | **Associated professor** Al-Majmaah University KSA |
| 2011 | **Associated professor** Al-Hussein Bin Talal University, *Ma’an, Jordan* |
| 2004  | **Asst Poff**, Al-Hussein Bin Talal University, *Ma’an, Jordan* |
| 2003-2004 | **Teaching**, Granada College affiliated to, Balqa University*, Jordan* |

The experience’s at the office |
| 2017 | **Member of** External Advisory Committee to support the decisions of the regulatory body in the field of radiological and nuclear**At (energy and minerals regulatory commission)**  |
| 2012-2017 | **Manager of graduate student projects** (Al Majmaah University)KSA |
| 2014-2017 | **Self-Study report maker** for physics program at (Al-Majmaah university ) KSA |
| 2012-2016 | **Member of The National Commission for Academic Accreditation (NCAAA) & Assessment** for the Physics Department ( Al Majmaah University)KSA |
| 2012-2016 | **Accreditation Committee member (ASIN)** for the college of science( Al Majmaah University)KSA |
| 2012-2016 | **Accreditation Coordinator (ASIN)** for the Physics Department ( Al Majmaah University)KSA |
| 2011-2017 | **Associated professor** ( Al Majmaah University)KSA |
| 2011-2011, July  | **Dean of science faculty** (al-Hussein Bin Talal University) |
| 2010-2011 | **Vice Dean of Science faculty** *Al-Hussein B T U, Ma’an, Jordan* |
| 2008 sep-2009 | **Dean of Science faculty** (acting) *Al-Hussein B T U, Ma’an* |
| 2004, Apr- 2008, Sep  | **Vice Dean of Science faculty** *Al-Hussein B T U, Ma’an, Jordan* |
| 2008, Apr  | **Head of Physics department**, *Al-Hussein B T U, Jordan* |
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| The experience’s at Research LabI was working with an Indian group for the WA98 collaboration, CERN, Geneva (Switzerland). Five Indian groups were responsible for the fabrication and assembly work of Photon Multiplicity Detector (PMD) which is a part of the WA98 experiment.Training course at VARIABLE ENERGY CYCLOTRON CENTER (VECC) Calcutta. Authorized by the Department of Atomic Energy (Government of India). [http://www.veccal.ernet.in](http://www.veccal.ernet.in/)Publication |
| 1. Mohammad Abu Shayeb*, Distribution of natural radioactivity in the Soil & Palm Date-Pits using (High Purity Germanium Radiation Detectors) and (LB-Alpha/Beta) Gas-Flow counter in Saudi Arabia,* Nuclear Engineering and Technology [10.1016/j.net.2019.12.009](https://doi.org/10.1016/j.net.2019.12.009)
2. Xuening Pang, Lotfi Sellaoui, Dison Franco, Matias S. Netto, Jordana Georgian, Guilherme Luiz Dotto, Mohammad K. Abu Shayeb, Hafedh Belmabrouk, Adrian. Bonilla-Petriciolet, Zichao Li, Preparation and characterization of a novel mountain soursop seeds powder adsorbent and its application for the removal of crystal violet and methylene blue from aqueous solutions, Chemical Engineering Journal Vol 123617 (2019)
3. M Abu Shayeb “ Distribution of natural radioactivity and radiological hazard using a Nal(TI) gamma-ray spectrometric system. Journal of building physics 1-10 (2016)
4. Mohammad Abu Shayeb” Transfer factor for natural radioactivity into date Palme pits” Journal of Environmental radioactivity 167 (2017) 75-79
5. Hanan H. Saleh & Mohammad Abu Shayeb” Natural radioactivity distribution of southern part of Jordan (Ma′an) Soil, [Annals of Nuclear Energy](http://www.researchgate.net/journal/1873-2100_Annals_of_Nuclear_Energy) (Impact Factor: 0.8). 01/2014; 65:184–189
6. Mohammad Abu Shayeb Photon multiplicity distributions at heavy-ion Au+Au, Pb+Au, Pb+Pb interactions. Journal of modern material Vol 2.2-6 (2016)
7. Mohammad Abu Shayeb, Systematic of Photon production in Pb-Pb, Pb-Ni & Pb-Nb interaction. (4th International Conferences of Physics and Astrophysics On (QGP)(ICPAQGP-2001) Held at Jaipur.  25-30,11.2001).
8. M. Kheare Abu Shayeb and A. Al-Badawi “Systematic studies of photon production in heavy-ion interaction”, Hadronic Journal Vol.29, 2006.
9. Mohammad Abu Shayeb, Geometrical and dynamical fluctuations in Pb-Pb, Pb-Nb Interactions, world applied sciences journal 3(6):913-915, 2008-11-24
10. M. Kheare “Particle distributions at large transverse momenta from Pb+Pb collisions at $\sqrt{S\_{NN}}$ 158 GeV/nucleon beam energy”, Hadronic Journal Vol.1, (2009).
11. Al-Badawi and M. Kheare Abu Shayeb (2010) “Charged Dirac particle crossing a gravitational electromagnetic sandwich wave” Canadian journal of physics,
12. Mohammad Kheare Abu Shayeb (2010) “Rapidity density deviations in Pb+Nb and Ni collisions at 158 A GeV/nucleon beam energy” Lat. Am. J. Phys. Educ. Vol. 4, No. 2, May 2010
13. Mohammad Abu Shayeb (2010)” Transverse momentum spectra of at midrapidity for central Pb+Pb collisions, Hadronic Journal Vol.32, 2010
 |

Conferences and Workshop attended:

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| Mar,13-15.97 | Jaipur, India | International Collaboration meeting of WA98/WA93 Experiments Held at Jaipur India. |
| May,5-10.97 | Jaipur, India | 16th EMU01 Collaboration meeting and workshop on high Energy Experiments held at Jaipur India. |
| Nov,17-21.97 | Jaipur, India | 3rd International Conferences of Physics and Astrophysics On (QGP)(ICPA-QGP'97) Jaipur India |
| Nov,25-30.01 | Jaipur, India | 4th International Conferences of Physics and Astrophysics On (QGP)(ICPAQGP-2001) Jaipur India |
| Sep,12-14.05 | Jordan, Irbid | 5th symposium on the use of nuclear tech in environment studies |
| Nov, -.08Oct, 14-08 | Jordan IrbidJordan | 7th symposium on the use of nuclear tech in environment studiesSymposium on The Technology of PeacefulNuclear Energy |
| 2017 | Jordan | Amman forum for the disarmament of weapons of mass destruction |
| 2017 | Jordan | The 4th Arab Forum on the prospects for electricity generation and water desalination using nuclear power  |

SESAME workshop, 2008,2009,2010,2011,2017,2018 Helds in Jordan  |