

No.	Academic staff Names	Degree	E.Mail	Nots
1.	Fatema Alzahraa M. Hassan	Assistant Prof.	f.hassan@mu.edu.sa	Department Head
2.	Mohsen B. Shaalan	Associated Prof.	m.shaaan@mu.edu.sa	-
3.	Nagwa I. Mohamed	Assistant Prof.	n.ibrahim@mu.edu.sa	-
4.	Emad M. Alhami	Assistant Prof.	e.alhami@mu.edu.sa	-
5.	Rasha A. M. Taha	Assistant Prof.	r.taha@ mu.edu.sa	-
6.	Esmat A. Ahmad	Assistant Prof.	Ea.ali@mu.edu.sa	-
7.	Tahani A. Almousa (Emitter)	Lecturer	Atm1425@hotmail.com	Ph.D. in Science student
8.	Elham A. Aldufeery	Lecturer	e.aldufeery@mu.edu.sa	-
9.	Sarah A. Alfahd	Lecturer	s.alfahd@mu.edu.sa	-
10	Areej A. Aljaghwani (Emitter)	Demonstrator	ajaghwani@ mu.edu.sa	M.Sc. student
11	Bodoor E. Altheeb	Demonstrator	b.altheeb@hitmail.com	-
12	Maha A. Aljaghwani (Emitter)	Demonstrator	m.aljaghwani@mu.edu.sa	M.Sc. student
13	Asmaa E. Alaowis	Demonstrator	a.alawois@mu.edu.sa	-

Name	Fatema Alzahraa Mohammad Nabieh Hassan		
Post	<i>Physics Dept., College of Education in Zulfi, Majma'ah University. KSA. Theoretical Physics.</i>		
Academic career	<i>Doctorate in Theoretical Physics</i>	<i>Mansoura University</i>	<i>2011</i>
	<i>Master in Theoretical Physics</i>	<i>Mansoura University</i>	<i>2007</i>
	<i>BSc. in Physics</i>	<i>Mansoura University</i>	<i>2002</i>
Employment	Position	Employer	Period
	<i>Majma'ah University. KSA.& Damietta University. Egypt.</i>	<i>Assistant Prof.</i>	<i>2011 until now.</i>
	<i>Mansoura University (Damietta Branch). Egypt.</i>	<i>Lecturer.</i>	<i>2007:2011.</i>
	<i>Mansoura University (in Damietta(Faculty of Science). Egypt.</i>	<i>Demonstrate.</i>	<i>2002:2007</i>
Research and development projects over the last 5 years	-----		
Industry collaborations over the last 5 years	-----		
Patents and proprietary rights	-----		
Important publications over the last 5 years	<i>Fatema Z. Mohammad, Sherif Yehia and Samy H. Aly, International Journal of Physics and Applications. ISSN 0974-3103 Volume 2, Number 1 (2010), pp. 135—148.</i> <i>Fatema Z. Mohammad, Sherif Yehia and Samy H. Aly, Physica B 407(2012), pp. 2486-2489.</i>		
Activities in specialist bodies over the last 5 years	-----		

Name	Mohsen B. Challan		
Post	<i>Physics Dept., College of Education in Zulfi, Majma'ah University. KSA.</i> <i>Nuclear Physics</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah Univ.</i>	<i>Year 2009</i>
		<i>Asc. Prof. MU.</i>	<i>Year 2014</i>
	<i>doctoral qualification] (subject)</i>	<i>Ph.D. Physics</i>	<i>Year 2006</i>
			<i>Year 1993</i>
	<i>Undergraduate degree (subject)</i>	<i>B.Sc Physics</i>	
Employment	<i>Position Staff member</i>	<i>Employer: MU</i>	<i>Period: 2009- now</i>
Research and development projects over the last 5 years	<i>Name of project or research focus: Nuclear & Copmutational Physics, and Radiology</i> <i>Period and any other information: 9 Months</i> <i>Partners, if applicable</i> <i>Amount of financing: 21kSR</i>		
Industry collaborations over the last 5 years	<i>Project title</i> <i>Partners</i>		
Patents and proprietary rights (N/A)	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	<i>Selected recent publications from a total of approx.</i> <i>(give total number): 8</i> <i>Author(s): Mohsen Challan</i> <i>Title:</i> Application of chlorine-36 technique in determining the age of modern groundwater in the Al-Zulfi province, Saudi Arabia. <i>Pages:</i> 1 - 12 <i>Citation:</i> Isotopes in Environmental and Health Studies <i>PubDate:</i> 2015-08-13T07:59:58Z <i>DOI:</i> 10.1080/10256016.2015.1061520 <i>Any other information</i>		
Activities in specialist bodies over the last 5 years	<i>Organisation: Global</i>	<i>Role: Editor</i>	<i>Period: 2015</i>
	<i>Journal of Physics</i> <i>Membership without a specific role need not be mentioned: reviewer for others physics journals.</i>		

Name	Nagwa Ibrahim		
Post	<i>Majmaah university-Education College-physics department(Zulfi).</i> Physics: assistant prof.		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>Year</i>
	Doctorate Science	College of Niles	2008 Year
		University College of	1994
	Master	Science Khartoum	
	Bachelor	University	1989
		College of Science	
		Khartoum University	
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	<i>Assistant Professor</i>	<i>Majmaah university</i>	<i>2006-2008</i>
	<i>Assistant Professor</i>	<i>University of the Future</i>	<i>2004-2006</i>
	<i>Lecturer</i>	<i>(Sudan),</i>	<i>1996-2004</i>
	<i>Lecturer</i>	<i>electrical engineering(Sud</i>	<i>1994-1996</i>
	<i>Lecturer</i>	<i>an</i>	<i>1991-1996</i>
	<i>Teaching Assistant</i>	<i>Troba Faculty of</i>	
		<i>Education, Taif(KSA)</i>	
		<i>University of El</i>	
		<i>Fasher(Sudan).</i>	
		<i>University of Omdurman</i>	
		<i>Ahlia(Sudan)</i>	
Research and development projects over the last 5 years	<p>1- Assessment of the environmental impact of heavy metals in ground water in Zulfi province 2013, Period one year, Amount of financing :31,000 SR</p> <p>2- A Feasibility Study of the Use of Solar Energy in the Kingdom of Saudi Arabia: A Case Study Assessment in Zulfi city, Riyadh Region , Kingdom of Saudi Arabia2015 , Period one year, Amount of financing :26,400 SR</p>		
Industry collaborations over the last 5 years	<p>A Feasibility Study of the Use of Solar Energy in the Kingdom of Saudi Arabia: A Case Study Assessment in Zulfi city, Riyadh Region , Kingdom of Saudi Arabia2015</p> <p>Partners: Abdul Latif Jameel Company.</p>		

Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (give total number):</p> <ol style="list-style-type: none"> 1- Author(s): Nagwa Ibrahim Title: Health Risk Assessments of Heavy Metals and their Source apportionment in Drinking water Of Zulfi District ,North-west Riyadh Region Any other information: Publisher : Pinnacle Journal Publication 2014. Pinnacle Environmental & Earth Sciences (ISSN: 2360-9478) December 2015, Vol. 2 (3). 2- Nano organic solar cells, International workshop in advanced material for sensors, Electronics devices& renewable energy, Najran,2012. 3- Cooling water for solar cold store using water-hyacinth, International Conference on Women in Science and Technology in the Arab Countries, April 21-23, 2013. 4- Effect of PEDOT:PSS/metal electrodes on the performance of heterojunction solar cells Ibrahim, N. Computing, Control, Networking, Electronics and Embedded Systems Engineering (ICCNEEE), 2015 International Conference on Year: 2015 Pages: 67 - 70, DOI: 10.1109/ICCNEEE.2015.7381430 IEEE Conference Publications 		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<p>1-Origination for women in science for developing world (OWSDW) TWOWS "Constitution" Italy</p> <p>2- Saudi Physical Society.</p>		

Name	Emad Mousa Mustafa Alhami		
Post	<i>Majmaah university-Education College-physics department(Zulfi)</i> Assistant professor (e.alhami@mu.edu.sa)		
Academic career	Assistant professor	Majmaah University	2014
	Ph.D. in Condensed Matter Physics	University of Jordan	2013
	M.Sc. in Physics of materials	University of Jordan	1998
Employment	-----		
Research and development projects over the last 5 years	-----		
Industry collaborations over the last 5 years	-----		
Patents and proprietary rights	-----		
Important publications over the last 5 years	<p>In June 2015, ISI Journal with an impact factor (Acta Physica Polonica A; No. 6; Vol. 127, (2015))</p> <p>“A Microscopic Study of One-Dimensional Solid Helium Using the Static Fluctuation Approximation”</p> <p>Authors: E. M. Alhami , M. K. Al-Sugheir , H. B. Ghassib</p> <p>Link code: http://przyrbwn.icm.edu.pl/APP/PDF/127/a127z6p15</p>		
Activities in specialist bodies over the last 5 years	-----		

Name	Dr. Rasha Abdalhai			
Post	<i>Solid state Physics Teaching</i> <i>Majmaah university-Education College-physics department(Zulfi)</i>			
Academic career	<i>Teaching assistant</i>	<i>Sudan University for Science &Technology</i>	<i>2000</i>	<i>Year</i>
	<i>Habilitation [German post-doctoral qualification] (subject)</i>	<i>Institution</i>		
	<i>Doctorate (Superconductivity)</i>	<i>Sudan University for Science &Technology</i>	<i>2011</i>	
	<i>Undergraduate degree (Physics)</i>	<i>Sudan University for Science &Technology</i>	<i>1999</i>	
Employment	<i>Assistant Professor</i>	<i>SUST & MU</i>	<i>2011 till now</i>	
Research and development projects over the last 5 years	-			
Industry collaborations over the last 5 years	-			
Patents and proprietary rights	-			
Important publications over the last 5 years	using the tight binding approximation in deriving the quantum critical temperature superconductivity equation	Natural Science Vol.5 No.8,	DOI: 10.4236/ns.2013.58114	August 7, 2013
	impact of the light intensity variation performance of the solar cell constructed from Muscovite / TiO ₂ / dye / Al	Natural Science Vol.5 No.10,	DOI: 10.4236/ns.2013.51013 1	September 29, 2013
	Deriving of the Generalized Special Relativity (GSR) by Using Mirror Clock and Lorentz Transformations	Natural Science Vol.6 No.17	DOI: 10.4236/ns.2014.61711 7	December 31, 2014
	Using the Resistance Depending on the Magnetic and Electric	Natural Science Vol.6 No.17	DOI: 10.4236/ns.2014.61711	December 31, 2014

	Susceptibility to Derive the Equation of the Critical Temperature		14.61711	
	Explanation of the Effect of Magnetic Field on laser Intensity on the Basic of Generalized Special Relativity		International Journal of Science and Research (IJSR) ISSN (Online): 2319-7067	Paper ID: SUB14830 Volume 3 Issue 12, December 2014
	New Derivation of Simple Josephson Effect Relation Using New Quantum Mechanical Equation		Natural Science	Accepted
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>	
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Name	Ismat Ali Ahmed.		
Post	<i>Majmaah university-Education College-physics department(Zulfi). Laser Physics.</i>		
Academic career	<i>Initial academic appointment</i>	Khartoum University (Sudan)	1995
	<i>Doctorate (subject)</i>	the University of Sudan Science and Technology	2013
	<i>Undergraduate degree (subject)</i>	<i>Omdurman university</i>	1992
Employment	(taif University)	Assistant professor	From 2013 to 2014
Research and development projects over the last 5 years	<p><i>" Theoretical study of optical specifications of HgS/Na₃AlF₆, HgS/MgF₂ and CdS/Na₃AlF₆ used as resonator for Nd:YAG Laser(1064nm). Sudan University for Science and Technology</i></p> <p><i>"Partners, if applicable</i></p> <p><i>Amount of financing</i></p>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	solid state physics group Taif University Department of Physics	<i>Membership</i>	2010 to 2012
	Sudanese in the laser group (Sudan)	<i>Membership</i>	2010 to now
	the Sudanese Renewable energies group (University of Khartoum)	<i>Membership</i>	2002 to now

Academic Staff Handbook- Physics Dept. College of Education in Zulfi – Majmaah University (1437/1438 H).

Name	Tahani A. Almousa		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Nuclear Physics</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2008</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	
	<i>graduate degree (MSc.)</i>	<i>King Saud University</i>	<i>2000</i>
Employment	<i>Lecturer</i>	<i>Majmaah University</i>	<i>2008-until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Elham Ahmed Saleh Aldufeery		
Post	<i>Teaching Physics</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2009</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	
	<i>graduate degree (MSc.)</i>	<i>King Saud University</i>	<i>2008</i>
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2009-2014</i>
	<i>Lecturer</i>	<i>Majmaah University</i>	<i>2014-</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	Two driven coupled qubits in a time varying magnetic field: exact and approximate solutions Lashin, E.I. Sadiiek, G. Abdalla, M.S. Aldufeery, E , Applied Mathematics and Information Sciences,2014.		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Sara Abdel-Aziz Al-fahd		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Laser Physics.</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2009</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	<i>2007</i>
	<i>graduate degree (MSc.)</i>	<i>King Saud University</i>	<i>2016</i>
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2009 until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Sara Abdel-Aziz Al-fahd		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Laser Physics.</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2009</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	<i>2007</i>
	<i>graduate degree (MSc.)</i>	<i>King Saud University</i>	<i>2016</i>
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2009 until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Areej A. Aljaghwani		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Solid state Physics.</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2010</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	<i>2005</i>
	<i>graduate degree (MSc.)</i>	-	-
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2010 until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Bodoor E. Altheeb.		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Solid state Physics.</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2010</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	<i>2004</i>
	<i>graduate degree (MSc.)</i>	-	-
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2010 until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Maha A. Aljaghwani		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Solid state Physics.</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2012</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	<i>2010</i>
	<i>graduate degree (MSc.)</i>	-	-
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2012 until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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Name	Asmaa E. Alaowis		
Post	<i>Majmaah university-Education College-physics department(Zulfi) Solid state Physics.</i>		
Academic career	<i>Initial academic appointment</i>	<i>Majmaah University</i>	<i>2012</i>
	<i>Undergraduate degree (B.Ed. in physics)</i>	<i>Majmaah University</i>	<i>2010</i>
	<i>graduate degree (MSc.)</i>	-	-
Employment	<i>Demonstrator</i>	<i>Majmaah University</i>	<i>2012 until now.</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Title</i>		<i>Year</i>
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
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