

# Curriculum Vitae



## Personal Data and Contact Information

First name	Middle Name	Last Name
Bassam	Rashed Ibrahim	Khader

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Department of Applied Physics and Astronomy , College of Sciences, University of Sharjah , P.O.Box 27272, Sharjah, United Arab Emirates.	0097165050373 (work)	<a href="mailto:bassam@sharjah.ac.ae">bassam@sharjah.ac.ae</a>

## Academic Background

Degree	Name of Degree	Department, University, Country	Started mm/yy	Award mm/yy
Master	Master in Radiation Physics	Physics, Yarmouk University, Jordan	January/1988	December/1990
Bachelor	Bachelor of Science, with a Major in Physics	Physics, Yarmouk University, Jordan	September/1984	January/1988

### Thesis Completed

<b>Degree</b>	<b>Supervisor</b>	<b>Date Completed-mm/yy</b>
M. Sc. in Experimental Radiation Physics	Prof. Mahmood Al-Kofahi	12/1990
<b>Title</b>		
Measuring Radon 222 Concentration In Jordanian Dwellings		

### Academic and Research Experience

<b>Position Held and the Nature of the Work</b>	<b>Department, Institution, Country</b>	<b>Supervisor</b>	<b>Period mm/yy-mm/yy</b>
Lecturer	Applied Physics and Astronomy, University of Sharjah, United Arab Emirates	Applied Physics and Astronomy Department.	11/1997- Up to Date
Coordinator of the General Physics Labs.	University of Sharjah UAE	Department of Basic Sciences	1997-2000
Coordinator of the General Physics courses like Physics1, Physics 2, Physics for MS, and Physics for HS	University of Sharjah UAE	Department of Basic Sciences	1997-2009, different semesters
Coordinator of the General Physics courses like Physics1, Physics 2, Physics for MS, Physics for HS, and Physics Labs	University of Sharjah UAE	Applied Physics Department and Astronomy	2009-Now Different semesters
Physics Instructor, Teaching (Full Time)	Department of Science, Philadelphia University, Jordan	Philadelphia University	9/1997-11/1997
Teacher, Teaching Physics and Science (Full Time)	Elementary and Secondary Schools, King Faisal School, Saudi-Arabia	King Faisal School	9/1995-9/1997
Physics Instructor, Teaching (Full Time)	Department of Science, Philadelphia University, Jordan	Philadelphia University	9/1991-11/1995
Coordinator of the General Physics Labs.	Department of Science, Philadelphia University, Jordan	Philadelphia University	9/1991-11/1995
Teaching Assistant,	Department of Physics,	Department of	1/1988-

Teaching First Year Laboratories (Part Time)	Yarmouk University, Jordan	Physics	1/1991
Member of Different Committees ( dept level and college level)	University of Sharjah UAE	Applied Physics Department	1997- Now Different semesters

### **Courses I have Taught**

<b>Name of the Course</b>	<b>Department, University</b>
Physics 1	Basic Sciences department Philadelphia University- Jordan
Physics 2	Basic Sciences department Philadelphia University- Jordan
Bridging physics course for nursing students	Department of Applied Physics and Astronomy at University of Sharjah
Physics 1 Lab	Basic Sciences department Philadelphia University- Jordan
Physics 2 Lab	Basic Sciences department Philadelphia University- Jordan
Physics for Pharmacy Students	Basic Sciences department Philadelphia University- Jordan
Calculus 1	Basic Sciences department Philadelphia University- Jordan
Calculus 2	Basic Sciences department Philadelphia University- Jordan
Physics 1 Lab	Department of Applied Physics and Astronomy at University of Sharjah
Physics 2 Lab	Department of Applied Physics and Astronomy at University of Sharjah
Physics 3 Lab	Department of Applied Physics and Astronomy at University of Sharjah
Physics for Health Sciences Lab	Department of Applied Physics and Astronomy at University of Sharjah
Physics for Medical Sciences Lab	Department of Applied Physics and Astronomy at University of Sharjah
Intermediate Physics Lab for Health Sciences	Department of Applied Physics and Astronomy at University of Sharjah
Physics for Health Sciences	Department of Applied Physics and Astronomy at University of Sharjah
Physics for Medical sciences	Department of Applied Physics and Astronomy at University of Sharjah
Physics 1	Department of Applied Physics and Astronomy at University of Sharjah
Physics 2	Department of Applied Physics and Astronomy at University of Sharjah
Physics in Modern World	Department of Applied Physics and Astronomy at University of Sharjah
Renewable and solar Energy	Department of Applied Physics and Astronomy at University of Sharjah
Remedial Physics	Department of Applied Physics and Astronomy at University of Sharjah
Biophysics for Health Sciences	Department of Applied Physics and Astronomy at University of Sharjah

Radiation for Health Sciences	Department of Applied Physics and Astronomy at University of Sharjah
Modern Physics Lab	Department of Applied Physics and Astronomy at University of Sharjah

### Awards

Name of Award	Location
<b>University of Sharjah Annual Faculty Incentive Award under the Teaching Category</b>	University of Sharjah , 20/5/2024
<b>Distinguished Instructor</b>	University of Sharjah, College of Science , Department of Applied Physics and Astronomy
<b>IAEA fellowship of five weeks in XRF</b>	Western Ontario University- Canada 2010
<b>Best College Service</b>	University of Sharjah, College of Sciences

### Publications

<b>Articles Published in Refereed Journals</b>
<b>1-</b> Measurement of Radon 222 in Jordanian Dwellings , Nucl.Tracks Radiat. Meas. ,vol.20 No.2, pp.377-382, 1992
<b>2-</b> Physics 1 lab manual – Philadelphia Private University – Jordan
<b>3-</b> Physics 2 Lab manual - Philadelphia Private University – Jordan
<b>4-</b> Hussein M Elmehdi <sup>1</sup> , <b>Bassam Rashed</b> <sup>2</sup> and Almehdi M Ibrahim, Enhanced Force Concept Inventory (FCI) Test to Probe Freshmen Engineering Students' Conceptual Understanding of Introductory Physics
<b>5-</b> Indoor Radon Concentration in the City of Sharjah, United Arab Emirates World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany Volume 25/3 of the series IFMBE Proceedings pp 609-611 Hussein M. Elmehdi, <b>Bassam Rashed</b>
<b>6-</b> An Initial research study conducted at high schools in Sharjah, Ajman, Dubai and Ras- Alkhaimah educational Zone, aimed to investigating the reasons behind the fact that many students (close to 86%) dislike physics and believe that it is difficult to understand. Hussein M. Elmehdi, <b>Bassam Rashed</b>
<b>7-</b> Hussein M Elmehdi, <b>Bassam Rashed</b> and Almehdi M Ibrahim Enhanced Force Concept Inventory (FCI) Test to Probe Freshmen Engineering Students' Conceptual Understanding of

Introductory Physics. Accepted for oral presentation at the International Engineering Education Forum, University of Sharjah, Sharjah, UAE, 2015.

**8-** Physics Misconceptions, Arabian Gulf Teacher Forum 2015, UoS, 29-3 to 2/4/ 2015 **Bassam Rashed** ,Hussein M Elmehdi

**9-** Placement Testing and Standardized FCI Tests quality and admission criteria, Arabian Gulf Teacher Forum 2015, UoS, 29-3 to 2/4/ 2015  
Hussein M Elmehdi, **Bassam Rashed**

**10 -** Editing submitted research paper, Second International conference in Arab's and Muslims history, UoS, 8-11/12/2014, and 2018 conference

**11-** Physics 1 Lab Manual, University of Sharjah

**12-** Physics 2 Lab manual , University of Sharjah

**13-** Physics for Health Sciences Lab manual, University of Sharjah

**14-** Physics for Medical Sciences Lab manual , University of Sharjah

**15-** Intermediate Physics Lab manual , University of Sharjah

16- Update modern physics lab manual.

17- I published experiment in the PhET site. As shown below

<https://phet.colorado.edu/en/contributions/view/5552>

<https://phet.colorado.edu/en/contributions/view/5551>

<https://phet.colorado.edu/en/contributions/view/5530>

18- Update all Physics Lab to fit the Hybrid model of Teaching ( In person and Online)

### **Computer Skills**

1- Windows and Microsoft Office, C++, Maple

2- Computer interface for physics experiments like Data Studio, CASSEY, Capstone

3- Tracker

4- Phet

5- BalckBoard

## Research of Interests

- |                         |
|-------------------------|
| 1- Radiation Monitoring |
| 2- XRF                  |
| 3- Physics Education    |
| 4- E-Learning           |

## COMMUNITY SERVICE

No	Activity	Beneficiaries	Date
1.	<b>Athar Workshop</b>	<b>Trainees from different countries</b>	<b>Nov.19,2008</b>
2.	<b>Thermography</b>	<b>MD practioners</b>	<b>June,4,2008</b>
3.	<b>Consultancy services</b>	<b>Central lab</b>	<b>Nov.4,2008</b>
4.	<b>XRF</b>	<b>UoS</b>	<b>Jan.19,2009</b>
5.	<b>Radiation Workshop</b>	<b>Civil Defence and policemen</b>	<b>Dec. 23-25-2009</b>
6.	<b>National day</b>	<b>Local community</b>	<b>Nov.5,2008</b>
7.	<b>Astronomy day</b>	<b>Local community and schools</b>	<b>March,22-23,2009</b>
8.	<b>Science Fair ( supervise and judge for the students' projects )</b>	<b>School of Creative Sciences</b>	<b>Feb.,11,2009</b>
9.	<b>Open day</b>	<b>Schools and families</b>	<b>April,14-25,2009</b>
10.	<b>Physics Festival</b>	<b>Schools and families</b>	<b>April,7-8,2009</b>
11.	<b>Demos and Experiments for school students visiting our physics labs ( 5 visits)</b>	<b>Al-Noof school, 2 visits of Creative Sciences School, Fatimah Al Zahra school</b>	<b>2008-2009</b>
13.	<b>Demos and experiments for school students ( we visited them at their schools ( 5 visits in Shj and Dubai)</b>	<b>School of Creative Science, Roqayya School, Al madam School, Alwaha School in Dubai, Al – Noof Girls' School ,</b>	<b>2008-2009</b>
14.	<b>Seminar ( Physics Phenomena in Quraan) 3times</b>	<b>Schhols</b>	<b>2008-2009</b>
15.	<b>PhysicsOlympiad</b>	<b>Governmental schools</b>	<b>April,30,2009</b>

No	Activity	Beneficiaries	Date
1.	<b>Radiation workshop</b>	<b>Abu Dhabi Policemen</b>	<b>September 26-30- 2009</b>
2.	<b>VLF</b>	<b>Specialized people for inside and outside the country</b>	<b>February 19-24 -2010</b>
3.	<b>Course Evaluation</b>	<b>Students, Teachers, and faculty</b>	<b>Fall + Spring 2009-2010</b>

4.	Two seminars in Physics Misconceptions	Sharjah , High School Teachers	Mars2010 and April 2010
5.	Physics Demos	Sharjah , High School Teachers	Mars 2010
6.	Science Festival	Students and Teachers ( UAE)	April 2010
7.	Physics Olympiad	Governmental schools	April,2010
8.			
9.	Open day	Schools and families	April,14-25,2009
10.	Physics for Fun	Supreme Council of Family Affairs ( Children and Girls Centers)	April, 7, 2010
10.	Six visits with Demos and Experiments for school students visiting our physics labs	Religious Institute, Alansar International school , Al-Sofooh School in Dubai , Zabeel School ( two visits) in Dubai , Alwaha School in Dubai.	2009-2010
11.	TV interview during VLF Workshop	Sharjah-TV	Feb. 2010

No	Activity	Beneficiaries	Date
1	Application of Excel software in analysis of physics Experiments	Physics teachers ( Men) from the Ministry of Education ( Sharjah)	7-12-2010
2	Application of Excel software in analysis of physics Experiments	Physics teachers ( Women) from the Ministry of Education ( Sharjah)	10-01-2011
3	World Future Energy Summit. (Representing the University)	Conference and expo ( Abu Dhabi)	4,5,/01/2011
4	Application of Excel in teaching physics	Physics teachers ( men and women) of the Ministry of Education. ( Khor Fakkan)	---/02/2011
5	Energy Applications and Transformation and Renewable Energy	Science teachers( Women) from the Ministry of Education at UoS	17,18/01/2011
6	Energy and its Applications	Al- Rayah Secondary School ( Dubai)	4/12/2010
7	XRF Applications workshop	UoS	11/12/2010
8	Renewable Energy and its Applications	Al Thaqafah Secondary School. ( Al Madam City)	10/02/2011
9	Energy Resources and transformations with Application in Environment	Roqyyah Secondary School ( Sharjah)	17/02/2011
10	Physics Demonstrations with Energy applications and Transformations	Physics teachers from the Ministry of Education ( Khor Fakkan)	20/04/2011
11	Energy : definition, sources, applications and transformation with demonstration	Science teachers from the Ministry of Education ( Khor Fakkan )	4/05/2011
12	Sharjah International Conference on	University of Sharjah	3/05/2011

No	Activity	Beneficiaries	Date
	<b>Nuclear and Renewable Energy ( Organizing Committee)</b>		
13	<b>Workshop and training for an expected crash of an air plane</b>	University of Sharjah	29/11/2011
14	<b>Methods of teaching Energy resources and transformations for science students</b>	Science teachers from the Ministry of Education( Men)	22/05/2011
15	<b>Second Science Festival. Organizing committee which includes preparing the physics demos , preparing an on line project template, and judging the projects</b>	Uos faculty and students, Ministry of education, students from school and other guests.	11,12, /05/2011
16	<b>The importance and the application of Energy in our Lives</b>	Al-Sofooh Secondary School ( Dubai )	24/05/2011
17	<b>Helping new colleagues and lab supervisor in doing and preparing physics experiments</b>	New colleagues	Fall 2010-2011
18	<b>Physics for Fun</b>	Remedial Physics Students	Fall 2010-2011
19	<b>University Open Day</b>	Ministry of Education and students from schools and their parents	.../05/2011
20	<b>Preparing and teaching the Bridging Physics Course for HS Students</b>	College of HS students at University of Sharjah	5-11/6/2011
21	<b>Preparing the Placement Physics Test</b>	Engineering and science students at UoS	Spring and Fall 2011
22	<b>Judging projects of the students at American Internationa School ( AIS)</b>	AIS students	..../03/2011
23	<b>Terry Fox Run</b>	Dubai ( for Cancer Patients)	.../02/2011

No	Activity	Beneficiaries	Date
1	<b>Application of Excel software in analysis of physics Experiments( Resistivity)</b>	Physics teachers from the Ministry of Education- Khor Fakkan	10-1-2011
2	<b>Collection of experiments</b>	Physics teachers from the Ministry of Education -	1-2-2012
3	<b>Safety in labs andand how to use Phet</b>	Lab supervisors from the ministry of education ( Men) UoS	25-2-2012
4	<b>Phet application</b>	Lab supervisors from the ministry of education ( Women) UoS	26-2-2012



No	Activity	Beneficiaries	Date
5	Nature of Light	Science teachers( Women) from the Ministry of Education at UoS	29-4-2012
6	Geometrical Optics	Science teachers( Women) from the Ministry of Education at UoS	6-5-2012
7	Physics demonstration ( for Fun )	Students from the science club of Al Majd school	16-2-2012
8	Physics demonstration during the science week	Roqayya School	21-2-2012
9	Physics experiments	American international school	7+8 /2/2012
10	The importance of Physics and its application	Al Thaqafah school ( Al Madam)	23-2-2012
11	Intel Science Competition	Arab students	27..30-11-2012
12	Helping new colleagues and lab supervisor in doing and preparing physics experiments	New colleagues	Fall and spring 2011-2012
13	Physics for Fun	Remedial Physics Students and my labs students	Fall and Spring2011-2012
14	University Open Day	Ministry of Education and students from schools and their parents	7-5-2012
15	Measuring magnetic Field due to the high AC current	Dubai electricity Authority	Fall 2011-2012

No	Activity	Beneficiaries	Date
16	Properties of Fluids	Science teachers ( Men) from the Ministry of Education ( Sharjah)	5-5-2013
17	Fluid and its applications	Science teachers ( Khor Fakkan) from the Ministry of Education ( Sharjah)	8-5-2013
18	Radiation awareness and its applications	Physics teachers ( Khor Fakkan) from the Ministry of Education ( Sharjah)	8-5-2013
19	Duality of Light	Lab supervisors ( men) of the Ministry of Education.	9-5-2013
20	Reflection, Refraction and Diffraction of Light	Lab supervisors ( Women) of the Ministry of Education.	16-5-2013
21	Nature of Light and its application	Lab supervisors ( Khor Fakkan Women) of the Ministry of Education.	13-5-2013
22	Physics for Every One	Al Thaqafah Secondary	18-10-2012

No	Activity	Beneficiaries	Date
		School. ( Al Madam City)	
23	Open Day at the SREE College doing physics tricks	University of Sharjah	-11-2012
24	Radiation Monitoring and awareness Training	Customes and Port Department Employee , Ras Al Khaimah	23-27/12/2012 Five days
25	Physics demonstration	American International School in Dubai ( science Festival	25-28/2/2013 Four days
26	Physics for every one demos and experiments	Science Museum in Sharjah	18/4/2013
27	National qualification Framework ( NQF) workshop	University of Sharjah	24/3/2013
28	Judging science projects	Think science competition , Emiraets foundation, for youth development ( Dubai)	21-23/4/2013 Three days
29	Our Physics department (Lecture)	Al-Sofooh Secondary School ( Dubai )	29-5-2013
30	Helping new colleagues and lab supervisor in doing and preparing physics experiments	New colleagues	2012-2013
31	Physics for Fun	Remedial Physics Students	2012-2013
32	University Open Day	Ministry of education and Students in schools and parents	8-15/5/2013
33	Preparing the Placement Physics Test	Engineering and science students at UoS	2012-2013
34	Social committee of the college	Held Dinner and Astronomical Observation in the beginning of the academic year	Academic year 2012-2013
35	Course coordinator Physics 2 lab, physics 1 lab , physics 3 lab , remedial physics .....	Preparing the course outline, course outcomes and writing exams and quizzes for the other teachers	Years 2012-2013
36	Safety in labs	Evacuate labs during emergency	Academic years 2012-2013

No	Activity	Beneficiaries	Date
1	Visit to Alaissaly school ( Dubai) Talking about our department and the importance of physics & astronomy lecture	Students and teachers	18-5-2015
2	Training students during opening the planetarium.” Opening ceremony of Sharjah Center for astronomy and Space Sciences	Students, University community and public	7/5/2015
3	Second International conference on Arab’s and Muslims History of Sciences and Astronomy	Scientists, public, and students	8-11/12/2014
4	Arabian Gulf Teacher Forum	School Teachers	29/3-2/4/2015
5	Radiation Monitoring and Protection	Employee of Customs and ports department of RAK	1-5/3/2015
6	The Third Physics Festival -With Scientific Exhibition –Student project Competition	School teachers and university community	2-7/2/2015
7	TV interview during the science conference and during the opening ceremony of planetarium	Public	8/122014
8	Attend a joint work shop with the Mars Exploration ( EMX)	Faculty	16/3/2015
9	Attend and participate in the workshop in how to pair WileyPlus to blackboard	Faculty	17/2/2015
10	Visit to Al-Rifaa School ( Physics demonstrations)	Students and Teachers	17/10/2014
11	University Open day	Students, university community and public	2-7/22015
12	Placement Test	Prepare placement test “ Engg students	Fall and Spring 204-2015
13	Physics demonstration	SREE students at UoS	Nov-2014
14	TV interview during the opening ceremony of planetarium	Public	7/5/2015
15	University Open day <ul style="list-style-type: none"> <li>▪ Talking about the college of sciences departments to the university visitors, distributing booklets, and sheets for all departments.</li> </ul>	Ministry of education and Students in schools and parents	(5-10) May, 2014
16	Organizing the national day celebration	College of science, university students and staff	Year 20132014 and 2014-2015
17	Supervision of students club	Physics students	Years 20132014 & 2014-2015
18	Organized and did a training workshop for Khorfakan Physics	Ministry of education teachers (men & Women)	Jan. 29, 2014, UOS

No	Activity	Beneficiaries	Date
1	Visit to Alaissaly school ( Dubai) Talking about our department and the importance of physics & astronomy lecture	Students and teachers	18-5-2015
2	Training students during opening the planetarium.” Opening ceremony of Sharjah Center for astronomy and Space Sciences	Students, University community and public	7/5/2015
3	Second International conference on Arab’s and Muslims History of Sciences and Astronomy	Scientists, public, and students	8-11/12/2014
4	Arabian Gulf Teacher Forum	School Teachers	29/3-2/4/2015
5	Radiation Monitoring and Protection	Employee of Customs and ports department of RAK	1-5/3/2015
6	The Third Physics Festival -With Scientific Exhibition –Student project Competition	School teachers and university community	2-7/2/2015
7	TV interview during the science conference and during the opening ceremony of planetarium	Public	8/122014
8	Attend a joint work shop with the Mars Exploration ( EMX)	Faculty	16/3/2015
9	Attend and participate in the workshop in how to pair WileyPlus to blackboard	Faculty	17/2/2015
10	Visit to Al-Rifaa School ( Physics demonstrations)	Students and Teachers	17/10/2014
11	University Open day	Students, university community and public	2-7/22015
12	Placement Test	Prepare placement test “ Engg students	Fall and Spring 204-2015
13	Physics demonstration	SREE students at UoS	Nov-2014
14	TV interview during the opening ceremony of planetarium	Public	7/5/2015
15	University Open day <ul style="list-style-type: none"> <li>▪ Talking about the college of sciences departments to the university visitors, distributing booklets, and sheets for all departments.</li> </ul>	Ministry of education and Students in schools and parents	(5-10) May, 2014
16	Organizing the national day celebration	College of science, university students and staff	Year 20132014 and 2014-2015
	Teachers (men & women) on Alternating current circuits (RC circuits) experiments		
19	Organized and did a training workshop for Khorfakan Physics	Ministry of education teachers (men & women)	April 16, 2014, UOS

No	Activity	Beneficiaries	Date
1	Visit to Alaissaly school ( Dubai) Talking about our department and the importance of physics & astronomy lecture	Students and teachers	18-5-2015
2	Training students during opening the planetarium.” Opening ceremony of Sharjah Center for astronomy and Space Sciences	Students, University community and public	7/5/2015
3	Second International conference on Arab’s and Muslims History of Sciences and Astronomy	Scientists, public, and students	8-11/12/2014
4	Arabian Gulf Teacher Forum	School Teachers	29/3-2/4/2015
5	Radiation Monitoring and Protection	Employee of Customs and ports department of RAK	1-5/3/2015
6	The Third Physics Festival -With Scientific Exhibition –Student project Competition	School teachers and university community	2-7/2/2015
7	TV interview during the science conference and during the opening ceremony of planetarium	Public	8/122014
8	Attend a joint work shop with the Mars Exploration ( EMX)	Faculty	16/3/2015
9	Attend and participate in the workshop in how to pair WileyPlus to blackboard	Faculty	17/2/2015
10	Visit to Al-Rifaa School ( Physics demonstrations)	Students and Teachers	17/10/2014
11	University Open day	Students, university community and public	2-7/22015
12	Placement Test	Prepare placement test “ Engg students	Fall and Spring 204-2015
13	Physics demonstration	SREE students at UoS	Nov-2014
14	TV interview during the opening ceremony of planetarium	Public	7/5/2015
15	University Open day <ul style="list-style-type: none"> <li>▪ Talking about the college of sciences departments to the university visitors, distributing booklets, and sheets for all departments.</li> </ul>	Ministry of education and Students in schools and parents	(5-10) May, 2014
16	Organizing the national day celebration	College of science, university students and staff	Year 20132014 and 2014-2015
	Teachers (men & women) on motion experiments		
20	Organized and did a training workshop for Khorfakan Physics Teachers (men & women) on	Ministry of education teachers (men)	May 1, 2014, UOS.

No	Activity	Beneficiaries	Date
1	Visit to Alaissaly school ( Dubai) Talking about our department and the importance of physics & astronomy lecture	Students and teachers	18-5-2015
2	Training students during opening the planetarium.” Opening ceremony of Sharjah Center for astronomy and Space Sciences	Students, University community and public	7/5/2015
3	Second International conference on Arab’s and Muslims History of Sciences and Astronomy	Scientists, public, and students	8-11/12/2014
4	Arabian Gulf Teacher Forum	School Teachers	29/3-2/4/2015
5	Radiation Monitoring and Protection	Employee of Customs and ports department of RAK	1-5/3/2015
6	The Third Physics Festival -With Scientific Exhibition –Student project Competition	School teachers and university community	2-7/2/2015
7	TV interview during the science conference and during the opening ceremony of planetarium	Public	8/122014
8	Attend a joint work shop with the Mars Exploration ( EMX)	Faculty	16/3/2015
9	Attend and participate in the workshop in how to pair WileyPlus to blackboard	Faculty	17/2/2015
10	Visit to Al-Rifaa School ( Physics demonstrations)	Students and Teachers	17/10/2014
11	University Open day	Students, university community and public	2-7/22015
12	Placement Test	Prepare placement test “ Engg students	Fall and Spring 204-2015
13	Physics demonstration	SREE students at UoS	Nov-2014
14	TV interview during the opening ceremony of planetarium	Public	7/5/2015
15	University Open day <ul style="list-style-type: none"> <li>▪ Talking about the college of sciences departments to the university visitors, distributing booklets, and sheets for all departments.</li> </ul>	Ministry of education and Students in schools and parents	(5-10) May, 2014
16	Organizing the national day celebration	College of science, university students and staff	Year 20132014 and 2014-2015
	Oscilloscope, diodes, and transistors experiments		
21	Organized and did a training workshop for Khorfakan Physics Teachers ( women) on Oscilloscope,	Ministry of education teachers (men)	6 May, 2014, UOS.

No	Activity	Beneficiaries	Date
1	Visit to Alaissaly school ( Dubai) Talking about our department and the importance of physics & astronomy lecture	Students and teachers	18-5-2015
2	Training students during opening the planetarium.” Opening ceremony of Sharjah Center for astronomy and Space Sciences	Students, University community and public	7/5/2015
3	Second International conference on Arab’s and Muslims History of Sciences and Astronomy	Scientists, public, and students	8-11/12/2014
4	Arabian Gulf Teacher Forum	School Teachers	29/3-2/4/2015
5	Radiation Monitoring and Protection	Employee of Customs and ports department of RAK	1-5/3/2015
6	The Third Physics Festival -With Scientific Exhibition –Student project Competition	School teachers and university community	2-7/2/2015
7	TV interview during the science conference and during the opening ceremony of planetarium	Public	8/122014
8	Attend a joint work shop with the Mars Exploration ( EMX)	Faculty	16/3/2015
9	Attend and participate in the workshop in how to pair WileyPlus to blackboard	Faculty	17/2/2015
10	Visit to Al-Rifaa School ( Physics demonstrations)	Students and Teachers	17/10/2014
11	University Open day	Students, university community and public	2-7/22015
12	Placement Test	Prepare placement test “ Engg students	Fall and Spring 204-2015
13	Physics demonstration	SREE students at UoS	Nov-2014
14	TV interview during the opening ceremony of planetarium	Public	7/5/2015
15	University Open day <ul style="list-style-type: none"> <li>▪ Talking about the college of sciences departments to the university visitors, distributing booklets, and sheets for all departments.</li> </ul>	Ministry of education and Students in schools and parents	(5-10) May, 2014
16	Organizing the national day celebration	College of science, university students and staff	Year 20132014 and 2014-2015
	diodes, and transistors experiments		
22	Writing the physics part in the university catalog	University and high school students	Spring 2013-2014
23	Arrange and participate in Kalbaa’s science day	All students in the Eastern education zone	24-4-2014

No	Activity	Beneficiaries	Date
1	Visit to Alaissaly school ( Dubai) Talking about our department and the importance of physics & astronomy lecture	Students and teachers	18-5-2015
2	Training students during opening the planetarium.” Opening ceremony of Sharjah Center for astronomy and Space Sciences	Students, University community and public	7/5/2015
3	Second International conference on Arab’s and Muslims History of Sciences and Astronomy	Scientists, public, and students	8-11/12/2014
4	Arabian Gulf Teacher Forum	School Teachers	29/3-2/4/2015
5	Radiation Monitoring and Protection	Employee of Customs and ports department of RAK	1-5/3/2015
6	The Third Physics Festival -With Scientific Exhibition –Student project Competition	School teachers and university community	2-7/2/2015
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12	Placement Test	Prepare placement test “ Engg students	Fall and Spring 204-2015
13	Physics demonstration	SREE students at UoS	Nov-2014
14	TV interview during the opening ceremony of planetarium	Public	7/5/2015
15	University Open day <ul style="list-style-type: none"> <li>▪ Talking about the college of sciences departments to the university visitors, distributing booklets, and sheets for all departments.</li> </ul>	Ministry of education and Students in schools and parents	(5-10) May, 2014
16	Organizing the national day celebration	College of science, university students and staff	Year 20132014 and 2014-2015
24	Two lectures for teachers of science and physics in Khor Fakkan	Ministry of education	May 14/2015
25	Writing the physics part in the central lab catalog	University and high school students	Spring 2013-2014



No	Activity	Beneficiaries	Date
1-	<b>The Digital Education Show Middle East (Eric Mazur) Flipping the class room and never looking back</b>	My self	<b>15-16/9/2015</b>
2-	<b>visit to planetarium</b>	My students	<b>11/10/2015</b>
3-	<b>College of Sciences relocation open day</b>	Faculty and students of our dept.	<b>29/10 2015</b>
4-	<b>Radiation monitoring and awareness training Workshop</b>	Customs and port department Ras AlKhaimah	<b>25-29/10/2015</b>
5-	<b>Hosting the American Internatiuonal School ( AIS)</b>	Grade 12 students from AIS school in Dubai	<b>8/11/2015</b>
6-	<b>judging science projects at Wesgreen school</b>	Students from wesgreen school	<b>9&amp;11/11/2015</b>
7-	<b>Innovation week</b>	University students	<b>22-23/11/2015</b>
8-	<b>a workshop on two "brain storming" sessions on "Best teaching practices", where all matters relevant to teaching at APD are discussed.</b>	Faculty of College of Sciences	<b>5/2/2016</b>
9-	<b>Radiation monitoring and awareness training Workshop</b>	Different people from different health sectors	<b>22-25 /2/2016</b>
10-	<b>Hosting French school fro Dubai</b>	French students fro Dubai	<b>24/2/2016</b>
11-	<b>UOS Open Day</b>	Families, and students from different schools	<b>29/2-5/3/2016</b>
12-	<b>Creative science school ( Boys )</b>	School students	<b>7/3/2016</b>
13-	<b>The 35th Arab ACRO Annual Conference</b>	Conference ( international)	<b>19-21/4 2016</b>
14-	<b>2016 think sciencence copetition and fair</b>	Students from different schools in UAE	<b>16-19/4/2016</b>
15-	<b>visit to Assalam School in Dubai</b>	Assalam school students	<b>11/5/2016</b>

No	Activity	Beneficiaries	Date
1-	<b>Sharjah International Conference on Particle Physics &amp; Astrophysics Cosmology</b>	Conference (international)	<b>11-13/11/2018</b>
2	<b>Organize Advicing meeting ( Prof Attaelmannan)</b>	Physics students	<b>23/10/2018</b>
3	<b>Radiation protection and safety</b>	Public sector	<b>17-20/9/2018</b>
4	<b>Radiation Workshop</b>	People from medical sector	<b>29/4-2/5/2019</b>
5	<b>Hosting American International school students (Boys)</b>	Schools students	<b>23/9/2018</b>
6	<b>Hosting American International school students (Girls)</b>	Schools students	<b>25/9/2018</b>
7	<b>Hosting Al Solah School</b>	Schools students	<b>23/10/2018</b>
8	<b>Hosting Al Maarifah School</b>	Schools students	<b>28/2/2019</b>
9	<b>Hosting Al Dhaid School</b>	Schools students	<b>25/4/2019</b>
10	<b>Hosting Alistiqlal School</b>	Schools students	<b>26/2/2019</b>

11	Explore your Future with science	This event aims to interact the students from British and Asian schools.	19/11/2018
12	Organize Trip to Mohammed bin Rashed space center	Physics students	21-22/1/2019
13	Judging Think Science Projects ( 6times)	School students	Every week end 16/2-2/3/2019
14	Inhouse graduation ceremony	College of sciences graduated students	19/1/2019
15	Organizing social activities of the department	Faculty, staff and students	All two years
16	Open Day ( university)	School students and their families	23-28/4/2019
17	Third International Conference on Arabs' and Muslims' History of Science" ICSH17 in a conference proceedings my activity is:	International conference	5-8/12/2017
18	Radiation monitoring and awareness training Workshop	Different sectors in medical fields	5-8/11/2017
19	Hosting the American International School ( AIS)	Grade 12 students ( Girls) from AIS school in Dubai	27/9/2017
20	Hosting the American International School ( AIS)	Grade 12 students (Boys) from AIS school in Dubai	28/9/2017
21	Organizing Welcoming new faculty and Students	Department of Applied Physics and Astronomy	28/9/2017
22	Organize National Day celebration	Our Physics department people	28/11/2017
23	Graduation ceremony of our department students and CERN students' rewards	Department of Applied Physics and Astronomy	21/12/2017
24	Judging science projects at Al-Shoalah school	Students from Al Shoalah school	17/1/2017
25	Judging 2018 think science competition and fair	Students from different schools in UAE	15-18/4/2018
26	Think Science competition and Fair ( Physics demonstrations screening and judging projects	Students from different schools in UAE, teachers, and others	15-18/4/2018
27	Open Day at the University (Physics demonstrations for 4 days	School Students	23-28/4/2018
28	Organize college open day	College of sciences staff and faculty, School Students	20,21-11-2017
29	Graduation Ceremony of our department students	Department of Applied Physics and Astronomy	16-5-2017
30	Radiation monitoring and awareness training Workshop	Employee from different sectors	2-6/2/2018
31	Organize Safari Trip for our department students Al- Moselli dam astronomy night	Physics department students	14-2-2018
32	Hosting French school from Dubai	School students	14/3/2018
33	Supervision of school students to do exp. at our labs	School students	15/3/2018
34	Supervision of students club	Physics students	2017-2019
35	Supervision of school students to do exp. at our labs	School students	
36	Organizing Wiley Plus Rewards for the distinguished students	Department students	25/3/2018
37	Organizing end year ceremony	Department staff and students	13/5/2018

No	Activity	Beneficiaries	Date
1	SICPAM Conference	International	4/2020
2	Workshop Respondus and Lock down Browser	College of Sciences	8/4/2020
3	Using Black Board Collaborate	Some Department of Physics faculty	10/3/2020
4	Organize Advicing meeting ( Prof Attaelmannan)	Physics students	3/10/2019
5	Stratigic plan	UoS	6/9/2019
6	Orientation lecture	Freshmen physics students	26/9/2019
7	The College of Sciences' contributions to "Daily College Life" (يوميات جامعية) TV program	Physics students	8/10/2019
8	Radiation monitoring and awareness training Workshop	Public sector	14-17/10/2019
9	Handing Out Wiley Plus prizes	Department of Physics Faculty and students	16/10/2019
10	Hosting Manarat Alsharqah school visit	School Students	23/10/2019
11	Organize Wetex trip	Department students	21/10/2019
12	Judging and physics demos for Wes Green Steam fair events	School Students	4/11/2019
13	Strategic Action Plan 2019 workshop	Faculty	14/1/2020 and Different dates
14	Organizing Physics Night	Department of Physics Faculty and students	13/11/2019
15	STEAM fair event in the Wesgreen school this Thursday (14th of November).	School Students	14/11/2019
16	Participating in Wiley Day	Faculty from different Universities	18/1/2020
17	Organizing the In house graduation ceremony	College of sciences graduated students	26/1/2020
18	Radiation Safety Workshop	Public sector	26-29/1/2020
19	Organizing exciting trip to LOUVER Museum and ShAIKH ZAYED Mosque.	Physics students	1/2/2020
20	Organize and arrange chairman Prof Atta with new students ( Twice at the beginning of each semester.	Physics students	4/2/2020
21	How to balance between your passion for research and teaching responsibilities using JoVE videos"	College of Sciences	24/2/2020
22	Attending the Banner 9 Discovery workshop	IT and Academic Service deanship	13/5/2020
23	"ScIC2 "Science Is Cool" Virtual Unconference"		21/5/2020
24	Organizing social activities of the department	Faculty, staff and students	Different dates
25	Organizing Welcoming new faculty and Students	Department of Applied Physics and Astronomy	20/9/2019
26	Organize National Day celebration	Our Physics department people	28/11/2019
27	TV interview <a href="https://www.youtube.com/watch?v=zbRqtS4dhVM">https://www.youtube.com/watch?v=zbRqtS4dhVM</a>	Sharjah TV	19/2/2019
28	Supervision of students activities DAPA	Physics students	2019-2020

No	Activity	Beneficiaries	Date
1	The Fourth International Conference on Arabs' & Muslims' History of Sciences	<b>International Online Conference</b>	<b>4-6/4/2021</b>
2	“Wiley Excellence Students’ Award”	<b>Physics Department</b>	<b>24/11/2020</b>
3	Workshop a collaborative training and ex-change of expertise in the area of online teaching practical courses through the usage of interactive and simulated protocols	<b>Ministry of Education</b>	<b>1/2/2021</b>
4	Workshop a collaborative training and ex-change of expertise in the area of online teaching practical courses through the usage of interactive and simulated protocols	<b>Ministry of Education</b>	<b>1/3/2021</b>
5	Online meetings Dubai Carmel school	<b>School’s students</b>	<b>19/11/2020</b>
6	workshop on Best Teaching Practices	<b>College of Sciences</b>	<b>5/9/2020</b>
7	Virtual Admissions Portal"	<b>Students admission</b>	<b>10/6/2021</b>
8	<b>Sharjah International Conference on Physics of Advanced Material</b>	<b>International</b>	<b>4/2020</b>
9	<b>Workshop Respondus and Lock down Browser</b>	<b>College of Sciences</b>	<b>8/4/2020</b>
10	<b>Using Black Board Collaborate</b>	<b>Some Department of Physics faculty</b>	<b>10/3/2020</b>

No	Activity	Beneficiaries	Date
1	Sharjah International conference on Education In Post COVID-19	<b>International Hybrid Conference</b>	<b>14-16/3/2022</b>
2	K12 Education Project	<b>College of Sciences and Rubu’ Qarn Foundation</b>	<b>15/10/2021 Up to now</b>
3	<b>First Radiation monitoring and awareness training Workshop</b>	<b>Public sector</b>	<b>10-13/1/2022</b>
4	<b>Second Radiation monitoring and awareness training Workshop</b>	<b>Public sector</b>	<b>27- 30/9/2021</b>
5	“Wiley Excellence Students’ Award”	<b>Physics Department</b>	<b>23/2/2022</b>
6	Forming the student scientific society in the physics department.	<b>Physics Department</b>	<b>20/2/2022</b>
7	<b>In Campus Exam</b>	<b>University</b>	<b>Fall 2021-2022</b>

8	<b>Organize Advicing meeting ( Prof Attaelmannan)</b>	<b>Physics students</b>	<b>3/10/2019</b>
9	<b>Stratigic plan</b>	<b>University of Sharjah</b>	<b>9/12/2021</b>
10	<b>Orientation Physics Lecture- Physics for Fun</b>	<b>Freshmen physics students</b>	<b>26/3/2022</b>
11	<b>Supervision of students activities DAPA</b>	<b>Physics students</b>	<b>2021-2022</b>
12	<b>University of Sharjah- Open Day-</b>	<b>Schools students</b>	<b>17-18/5/2022</b>
13	The “Master classes” in cooperation with CERN	School Students	22/3/2022
14	Physics Social event	Physics Students	24/3/2022
15	Private Meet UP! with Prof. Ellis in person	Physics Students	9/3/2022
16	Second Astronomical Observation Trip	Different people	19/2/2022
17	Organize and arrange chairman Prof Attaelmannan with new students ( Twice at the beginning of each semester.	Physics students	Fall and Spring 2021-2022
18	<b>Organizing social activities of the department</b>	<b>Faculty, staff and students</b>	<b>Year21-22</b>
19	<b>Supervision of students activities DAPA</b>	<b>Physics students</b>	<b>Year21-22</b>

No	Activity	Beneficiaries	Date
1	“Third Conference for Rectors of Arabs and Russian Universities”.	<b>International Conference</b>	<b>30/5-2/6/2023</b>
2	SICPAM Conference	<b>International Conference</b>	<b>27-30/4/2023</b>
3	UOS Open Day Representative	<b>School Students</b>	<b>2-6/5/2023</b>
4	4th Annual Strategy Conference	<b>University People</b>	<b>8/12/2022</b>
5	EmSAT Exam	<b>University and school;l students</b>	<b>2022- till now</b>
6	Honoring the Highly Achieved Alumni of the COS” Jubilee Event	<b>Graduated Students</b>	<b>21/3/2023</b>
7	Organizing Photo exhibition of the College of Sciences Journey 25 Years	<b>University Exhibition</b>	<b>14/3/2023</b>
	Prepare the equipment list for Khor Fakkan University	<b>Prepare the the list of equipment for new established physics labs</b>	<b>Summer 2021-2022</b>
8	The end of the semester breakfast	<b>DAPA People</b>	<b>15/12/2022</b>
9	Sharjah International conference on Education In Post COVID-19	<b>International Hybrid Conference</b>	<b>14-16/3/2022</b>
10	K12 Education Project	<b>College of Sciences</b>	<b>15/10/2021 -</b>

		<b>and Rubu' Qarn Foundation</b>	<b>1/9/2022</b>
11	<b>First Radiation monitoring and awareness training Workshop</b>	<b>Public sector</b>	<b>10-13/1/2022</b>
12	<b>Second Radiation monitoring and awareness training Workshop</b>	<b>Public sector</b>	<b>27- 30/9/2021</b>
13	“Wiley Excellence Students’ Award”	<b>Physics Department</b>	<b>23/2/2022</b>
14	Forming the student scientific society in the physics department.	<b>Physics Department</b>	<b>20/2/2022</b>
15	<b>In Campus Exam</b>	<b>University</b>	<b>Fall 2021-2022</b>
16	<b>Organize Advicing meeting ( Prof Attaelmannan)</b>	Physics students	<b>3/10/2019</b>
17	<b>Stratigic plan</b>	University of Sharjah	<b>9/12/2021</b>
18	<b>Orientation Physics Lecture- Physics for Fun</b>	Freshmen physics students	<b>26/3/2022</b>
19	<b>Supervision of students activities DAPA</b>	Physics students	<b>2021-2022</b>
20	<b>University of Sharjah- Open Day-</b>	Schools students	<b>17-18/5/2022</b>
21	The “Master classes” in cooperation with CERN	School Students	<b>22/3/2022 And 2022-2023</b>
22	Physics Social events	Physics Students	<b>24/3/2022 and 2023</b>
23	Private Meet UP! with Prof. Ellis in person	Physics Students	<b>9/3/2022</b>
24	Second Astronomical Observation Trip	Different people	<b>19/2/2022</b>
25	Organize and arrange chairman Prof Attaelmannan with new students ( Twice at the beginning of each semester.	Physics students	<b>Fall and Spring 2021-2022</b>
26	<b>Organizing social activities of the department</b>	Faculty, staff and students	<b>Year21-22</b>
27	<b>Supervision of students activities DAPA</b>	Physics students	<b>Year21-22</b>

No.	Activity	Duties	Date	
			From	To
1	“Third Conference for Rectors of Arabs and Russian Universities”.	<b>Organizing Committee</b>	<b>30/5</b>	2/6/2023
2	SICPAM Conference	<b>International Conference</b>	<b>27-/4/2023</b>	<b>30/4/2023</b>
3	UOS Open Day Representative	<b>School Students</b>	<b>2/5/2023</b>	6/5/2023
4	EmSAT Exam	<b>University and school;l students</b>	<b>2022</b>	Till now
5	Organizing Photo	<b>University Exhibition</b>	<b>14/3/2023</b>	20/3/2023

No.	Activity	Duties	Date	
			From	To
	exhibition of the College of Sciences Journey 25 Years			
6	Honoring the Highly Achieved Alumni of the COS” Jubilee Event	<b>Graduated Students</b>	<b>21/3/2023</b>	21/3/2023
7	Accreditation File	<b>Update Course outlines</b>	<b>2022-2023</b>	Till now
8	Sharjah International conference on Education In Post COVID-19	<b>Organizing Committee</b>	<b>14/3/2022</b>	<b>16/3/2022</b>
9	DAPA social Activities	<b>Organize all social Activities for the department</b>	<b>2022-</b>	<b>2023</b>
10	Radiation Experiments	<b>Coordinate with MDI Department</b>	<b>Spring 22</b>	<b>Spring 2023</b>
11	“Wiley Excellence Students’ Award”	<b>Coordinator of Organizing Committee</b>	<b>23/2/2022</b>	<b>23/2/2022 and 2023</b>
12	collaborative training and ex-change of expertise in the area of online teaching practical courses through the usage of interactive and simulated protocols	<b>Coordinator of Physics Team</b>	<b>30/8/2021</b>	Now
13	K12 Education Project	<b>Member of Physics team</b>	<b>15/10/2021</b>	<b>2022</b>
14	<b>Strategic Action Plan 2021 workshop</b>	<b>Prepare KPI for the strategic plan</b>	<b>Academic years 21-22</b>	<b>Academic years 22-23</b>
15	<b>Organizing meeting of our students with the chairman Prof Attaelmannan &amp; Prof Munir</b>	<b>Arrange meeting of DAPA students with The chairperson</b>	<b>Fall and Spring 21-22</b>	Year 2-23
16	<b>Organizing many activities Physics Night, students trips, school visits</b>	<b>Organize DAPA students and Faculty Activities</b>	<b>Academic years 21-22</b>	Year 21-23
17	<b>Master Classes</b>	<b>Students from schools</b>	<b>23/3/2022</b>	<b>23/3/2022</b>
18	<b>Organizing many activities, students trips, school visits</b>	<b>Organize DAPA students and Faculty Activities</b>	<b>Academic years 21-22</b>	<b>Academic years 21-22</b>
19	<b>Open Day</b>	<b>College promotion</b>	<b>17/5/2022</b>	<b>18/5/2022</b>
20	<b>Lab Committee</b>	<b>Participate in lab safety and needs, preparing list for the necessary equipment to be</b>	<b>Academic years 21-22</b>	<b>Academic years 22-23</b>

No.	Activity	Duties	Date	
			From	To
		<b>purchased</b>		
21	<b>Special committee for logistic and advisory support for final Exams</b>	<b>Helping Faculty at the college of Sciences in preparing their final online Exams using BB and LDB</b>	<b>Academic years 21-22</b>	<b>Academic years 22-23</b>
22	<b>Student Advising Committee</b>	<b>Responsible for in charging students in our activities inside and outside the university</b>	<b>Academic years 21-22</b>	<b>Academic years 22-23</b>
23	<b>Social Committee of the Department of Applied Physics and Astronomy</b>	<b>Preparing some refreshments for department meetings and seminars, making lunches in the beginning and end of each semester, and sharing the department members in their events (wedding, babies, illness...etc.) by buying gifts and visiting them. Welcoming the new faculty and staff.</b>	<b>Academic years 21-22</b>	<b>Academic years 22-23</b>
24	<b>Courses Coordinator</b>	<b>Normal tasks like preparing the course outline, outcome and writing the course report</b>	<b>Academic years 21-22</b>	<b>Academic years 22-23</b>

### References

<b>Name</b>	<b>Mailing address</b>
Prof. Nouar Tabet	Dean of College of Sciences- University of Sharjah
Prof. Ataalmanan Jaafar	Dean of The College of Engineering and Sciences , University of Khor Fakkan -Sharjah- UAE
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