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| بسم الله الرحمـــن الرحيــــم | | |
| **الـمـمـلكـة الـعـربـيـة الـسـعـوديـة وزارة الـتـعـلـيـم الـعـالـي جـامـعـة الـمـجـمـعـة كلية العلوم** |  | **Kingdom of Saudi Arabia**  **Ministry of Higher Education**  **Majmaah University**  **College Of Sciences** | |

**Scientific Research**

**Handbook**

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**1433-2013**

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# [Brief of the Deanship](http://www.mu.edu.sa/en/deanships/deanship-scientific-research/brief-deanship)

The Deanship of Scientific Research was formed in concurrent with the foundation of the university on the 3rd of Ramadan in 1430. The actual work was activated on 9 / 11 / 1431 with the designation of the His Excellency, the University Rector Dr. Khaled Bin Saad Al Migren to his Excellency Dr. Ibrahim Ali Allehaidan as a Dean of Scientific Research.

The Deanship of Scientific Research has decided starting the development process from where others are standing today, and provide support to research in the light of the strategic vision of the university and based on the following priorities:

* Financing of research projects.
* Developing the Deanship’ website to enhance all communications electronically.
* Encouraging excellence in research and contributions using a schema of awards.
* Developing databases that include reviewers and contributions of faculty members.

The most important achievements of the Deanship of Scientific Research during its first year are:

* The establishment of research centres with all the required facilities and nominating directors and board of directors for them.
* Financing research projects, where more than 130 research projects have been supported at a total cost exceeding 5 million riyals.
* Releasing of a periodical newsletter issued by Deanship of Scientific Research in both Arabic and English languages.
* Activate awards of research excellence, which include best research awards in both applied and humanities sciences and best departments awards among both applied and humanities departments.
* Development of databases of reviewers and faculty members' contributions.
* Prioritize research projects in the light of communities’ needs which have been finalized by the research centres and considered as proposed research projects.
* Organizing workshops in several colleges of the university to increase faculty awareness on importance of scientific research and provide support to enable them to register in different databases on the Deanship’ website.
* Increasing awareness of faculty members of external supporters who can provide finance to research projects and enhancing effective relationship with them. Representatives from King Abdu Al Aziz City for Science and Technology have been invited for several workshops held at Majmaah University to communicate with the faculty members and to provide answers to their quires.

# [The Vice Dean’s Speech](http://www.mu.edu.sa/en/content/dean%E2%80%99s-speech)

 Undoubtedly, research is an important factor in the development and rogress due to its effect in spreading the concepts of innovation and creativity, as well as equally presenting suitable solutions to the problems of the university and society. This young university, lead by its president, has decided to start where others finished, and to provide research with great interest and support that reflect the university’s strategic trends, along with emphasizing the necessity of essentially directing research activities to the sustainable development of the region

**The deanship of higher education and scientific research was established at the beginning of the second semester of the last academic year. Dr. Thamer Alharbi was delegated to be the first vice dean of higher education and scientific research, and Mr. Mohammed Suwaiket secretary of deanship of higher education and scientific research.**

**The deanship of higher education and scientific research seeks to have a leading role in supporting the progression of scientific research and work to raise the level of awareness of educational processes, by developing an ongoing basis. It aims to also establish new postgraduate programs in physics, mathematics, computer science and medical laboratories in the College of Science, in order to meet the requirements imposed on the scientific development by the institutions of Higher Education in the Kingdom of Saudi Arabia.**

**The deanship also seeks to develop scientific research projects in postgraduate and distinguished programs in the college according to the advertised scientific research strategies. These programs will involve international cooperation and participation in order to achieve the aspirations and objectives of the university. The deanship will work to encourage faculty members to publish scientific papers and books by providing them with the necessary tools to attract excellence in scientific research.**

# Research Laboratories:

In each department of the College of Science, there are research laboratories that are fully equipped with the latest and most sophisticated equipment and staffed with experienced staff and technicians to accomplish the mission of the College in research. The required Laboratories for the Department of mathematics are the Computer Labs.

Table 1: List of research laboratories in the college of science

|  |  |
| --- | --- |
| Department | Research Labs |
| Mathematics | One Computer Lab includes 25 computers |
| Physics | One Research Lab. Includes research instruments such as; Photolumenscens, Raman spectroscopy, DSC, FTIR, Ultrasonic high power sonifier, Ultrasonic flaw detector, Extruder machine, UV-Vis Spectrophotometer, Three zone furnace, Polarized light optical micreoscope and Press machine. |
| Computer Sciences |  |

MU has signed collaborative agreements with 3 well known scientists in the field of mathematics through “Distinguished Scientist Fellowship Program (DSFP). These professors collaborate with faculty members in the domain of research as well as introducing several seminars in the Department every year.

Table 2: Total articles, number of faculty of Science each department and ration of publications

|  |  |  |  |
| --- | --- | --- | --- |
| Department | Total Articles | No. of Staff members | Ratio |
| Mathematics | 77 | 15 | 1.026 |
| Physics | 70 | 14 | 1.0 |
| Computer Science | 31 | 13 | 0.476 |
| Medical Laboratories | 62 | 13 | 0.954 |

Total articles, number of faculty of Science each department and ration of publications for each faculty in each department in 2008-2013M.

Figure 1: Ratio of publications for all Departments

Figure 2: Total articles for each department of College of Science

In 1433H, the Faculty of Science and its researchers has great share of the University Awards for excellence in scientific publications. The college gets the first place in the scientific productivity in MU. not the Departments level, the Department of Mathematics came the second.

MU encourages and supports the junior faculty members Saudis only establish and develop their research programs. " Pioneer Program" is one of the initiative programs supported by Deanship of Scientific Research that aims to generously support the junior faculty members to carry out high-quality research projects evaluated and reviewed by national and international peer reviewers.

Research article states that the priority of the Deanship is to stimulate faculty members to conduct original research and to find ways or channels to encourage individuals and institutions to support and fund their research projects.

University of bundled support for scientific research are very few and not encouraging faculty members to attend international conferences and local and regional as well not bother to open graduate programs for MSc. and PhD. Aldalbl and it provides the Department of Mathematics MSc. program and this program was the acceptance and admired body

Involvement of the students:

The MU. Did not provide support for research projects University for students and did not provide enough time for a decision of the project where the term is not enough to bring out the project remarkable student and library poor in books that serve the project in the Department of Mathematics (as well as the MUdoes not support research and scientific research evidence failure to approve the masters and doctoral programs under the pretext that it University developing )...

In mathematics department, Five members supported research projects are:

* Dr. Abdel Moneim Mejahid examine single in 1431-1432H,
* Dr. Khaled El-helow+ Abdel Moneim Mejahid and joint research in 1432-1433H, A
* Dr. Abdel Nasser Gareeb, Salah Khafagy, Dr. Mohamad Herzalla in 1433-1434H.

In Physics department, Four members supported research projects are:

* Prof. Dr. Yasser B. Saddeek and Assoc. Prof. Dr. Mohamed S. Gaafar in two search projects at 1431-1432H,
* Assoc. Prof. Dr. Mohamed S. Gaafar in one search project at 1432-1433H,
* Dr. Mohamed H. Abu-Seileek in one search project at 1432-1433H,
* Assoc. Prof. Dr. Mohamed S. Gaafar in one search project at 1433-1434H,

In Computer Scinces department, One members supported research projects are:

* Assoc. Prof. Dr. Yosry A. Azzam in one search project at 1431-1432H,
* Assoc. Prof. Dr. Yosry A. Azzam in two search projects at 1432-1433H,
* Assoc. Prof. Dr. Yosry A. Azzam in one search project at 1433-1434H,

## Research Facilities and Equipment

Basic research requirements in the Department are the computer labs, PC in the staff offices, e-databases and e-journals. The Central Library subscribed to a large number of databases and scholarly e-journals which can be accessed through the libraries.

Security policy and arrangements are carried out in coordination with the department of security and safety of the university. In order to accomplish these objectives, the following safety measures are usually taken in all facilities:

1-Security: the Department of Safety and Security provides security systems and guards to secure the facilities, Cameras are available thought the facilities with 24 hours monitoring.

2-Fire Safety: Fire evacuation policy and fire drills are practiced in all laboratories,

3-First Aid: First aid kits are available in all laboratories

4-Personal Protective Equipment: Laboratories are equipped with personal

Protective equipment according to the needs in every laboratory such as coats, masks, safety goggles, safety gloves, earmuffs, and helmets.

5-Others: The College also has emergency plans, safety signs, emergency exit signs and laboratory safety manuals. Finally, safety aspects are taken into consideration when purchasing new machinery and equipment.

All equipment’s are regularly maintained through a very detailed system supervised by the college represented by scientific workshops The website of the college of Science: These workshops are Carpentry workshop, mechanics workshop, electronics workshop, glass shop, blacksmith shop, plastic workshop. The electronics workshop is concerned with the maintenance of all electronic devices. A form for service request need should be filled to perform the maintenance for any device.

In general, funding for research is achieved in the Mathematics Department through one of the resources presented in the following Table

Table 3: Sources for research funding and approximate funding

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| --- | --- | --- | --- | --- |
| Sources | Department | Funding in Riyals | No. of projects Funded | Date |
| Majmaah University | Mathematics | 125000 | 5 | 1431-1434H |
| Physics | 50000 | 2 | 1431-1434H |
| Computer Science | 25000 | 1 | 1431-1434H |

In spite of all the above, research infrastructure needs more improvement in the College especially in terms of supporting staff. Jobs for researchers, research assistants, and lab technologists have been secured.

**Curriculum Vitae of Mathematics Department Members**

1434/1435

2013/2014

# Curriculum Vitae of Mathematics Department Members

**Prof. Dr. Adel Mohamed Zaki**

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|  | Professor  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044131 | | Mobile |  | +966590619862 | | Fax: |  | +96664227484 | | E-Mail: |  | a.zaki@mu.edu.sa | | Office: |  | Room S | | Link to Homepage: http://a.zaki.mu.edu.sa/a.zaki | | | |

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| Research Interests: |
| Functional Analysis |
| Algebra |

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| Qualification (Career and University Education) | | |
|  | B. Sc. Degree (Mathematics) | Grade " Very Good ",Faculty of Science ", Cairo University |
|  | MS. C. Degree (Mathematics) | Aswan Faculty of Science ,Assuit University |
|  | PhD Degree  (Mathematics ) | Department of Mathematics, Aberdeen University, Scotland U.K |
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| Experience (Teaching Experience) | |
| 1975-1979 | Demonstrator at Department of Mathematics, Aswan faculty of science, Assuit University |
| 1979-1987 | Assistant Lecturer at Department of Mathematics, Aswan faculty of science, Assuit University |
| 1987-1995 | Lecture at Department of Mathematics, Aswan faculty of science, South Valley University |
| 1995-2008  2008-2012  2012 until now | Assistant Professor at Department of Mathematics , Faculty of Science, Helwan university  Professor and Dean of The Canadian International College (CIC)  Professor at the Department of Mathematics (AL Zulfi ) Al –Majmaahh University |

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| Short Visits | |
| 1982-1987 Scientific mission | Doing the Ph.D. degree at Department of Mathematics , Aberdeen University, Scotland, UK |
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| Publications |
| 1)-N. Fared and Adel M. Zaki: “A note on compact operators in lp Spaces” Jour. of Fac. of Educ., Ain Shams Univ., N.9, 13-19 (1985). |
| 2) - Adel M. Zaki: “Simplicial faces in pure and factorial state spaces of operator algebras, Publ. Math Debrecen 41/1-2, 23 -33, (1992). |
| 3) -     Adel M. Zaki: Primal ideals and tensor product of C\* - algebras, jour. Math. Phy. Sci. Vol.24. , 42 -53. |
| 4) -     R.J. Archbold and Adel M. Zaki: Limits of pure states II, Proceeding of the Edin. Math. Soc., 227-231, (1992). |
| 5) -     Adel M. Zaki: On the cyclic factorial representation space of C\* - Algebras, Bull of the Inst. Of Math., Academia Sinica, Vol.21, No. 1, 73-79, (March 1993). |
| 6)-     Adel M. Zaki: The pure state space of certain C\* - algebras, Bull of the Calc. Math. Soc., (1994). |
| 7) -     Adel M. Zaki: On quasi state space of prime C\*- algebras, jour. Math .Phy. Sci. Vol.25, No. 4, 427-430, (1991). |
| 8) -     Adel M. Zaki: The pure state space of certain C\* - algebras II, Far East J. of Math. Sci. 1(2), (1993). |
| 9)-     Adel M. Zaki: On the spaces Rep (A), Irr (A) and Fac. (A), Bull. Fac. Sci., Assiut Univ., 21(1-c), 7-12, (1992). |
| 10)- Adel M. Zaki: On cyclic representation and state spaces of C\*-algebras. Bull. Fac. Sci., Assiut Univ., (1994). |
| 11)- Adel M. Zaki: On pure functions on C\*-algebras, Banyan Math. Journal. Vol.1, (1994). |
| 12)- Adel M. Zaki: Abundance of pure States in certain C\*-algebras, Far East J.Math.Sci.,Part II,173-177 (1998). |
| 13)- Adel M .Zaki and Zeinab Abdel-Kader: A note on primal ideals in the product C\*-Algebra, Far. East J. Math. Sci. (1998). |
| 14)- Zeinab M Abd Elkader and Adel M Zaki “The pure state space of certain C\*- algebras III”, Journal .of the Egy . Math. Soc.9 (2), 143-149(2001). |
| 15)- Adel M. Zaki , Zeinab M Abd Elkader and Nadia A. Qotb, "A note on the extension of states of C\*-algebras, to be published in Journal. of the Egy . Math. Soc. |
| 16)- Adel M. Zaki , Zeinab M Abd Elkader and A. M. Sayed, “Some generalized inequalities for the schatten p-norm” to be published in the proceeding of mathematical and physical society of Egypt. |
| 17)- Adel M .Zaki, A note on the tensor product of primal ideals of C\*-algebras, to be published in the proceeding of mathematical and physical society of Egypt. |
| 18)- Adel M .Zaki, A note on generalized slice maps and primal ideals of C\*-algebras, to be published in the proceeding of mathematical and physical society of Egypt. |
| 19)- Adel M. Zaki, Zeinab M.Abd Elkader and Hanaa M. Abdel Rahman," On associated Ideal sub- modules", to be published in Al-Azhar University Engineering Journal (AUEJ). |
| 20)-Adel M.Zaki,"Ideal structure and pure state spaces of some operator algebras" to be published in the journal of applied functional analysis (JAFA). |
| 21)- Zeinab M .Abd Elkader, Adel M. Zaki and Reham M. Ismael (Derivations of tensor product of finite number of simple C\*-algebras. to be published in the 22nd international conference on Topology and its Applications, Helwan,7-8 July (2008). |
| 22)-Zeinab M. Abdel Kader, Adel M. Zaki and Reham M. Ismail "A note on linear 0 derivations on JB\* Triples " Journal of Egy. Math .Soc. (2010). |

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| Teaching | | | |
| Calculus 1,2,3 and 4 |  | Aswan Faculty of Science |  | |
| Real Analysis |  | Helwan Faculty of Science |  | |
| Functional Analysis |  | Helwan Faculty of Science |  | |
| Abstract Algebras |  | Helwan Faculty of Science |  | |
| Topology |  | Helwan Faculty of Science |  | |
| Differential Equations |  | Helwan Faculty of Science |  | |
| Partial Differential Equations |  | Canadian International College |  | |

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| Academic Positions: |
| 1) Working as a Demonstrator in the Department of Mathematics (Aswan Faculty of Science) Assuit University from 16/7/1975 to 29/4/1979. |
| 2) Working as an Assistant Lecturer in the Mathematics Department (Aswan Faculty of Science) Assuit University from 30/4/1979 to 29/6/1987. |
| 3) Working as a Lecturer in the Department of Mathematics (Aswan Faculty of Science) Assuit University from 30/6/1987 to 20/9/1989. |
| 4) Affiliated to work as a Lecturer in the Department of Mathematics (Abha Teachers College) in Saudi Arabia from 21/9/1989 to 31/8/1994. |
| 5) Working as a Lecturer in the Mathematics Department (Aswan Faculty of Science) South Valley University from 1/9/1994 to 24/2/1995. |
| 6) Working as an Assistant Professor in the Mathematics Department (Aswan Faculty of Science) South Valley University from 25/2/1995 to 15/7/1995. |
| 7) Working as an Assistant Professor in the Department of Mathematics (Helwan University) from 16/7/1995 to 7/9/1998. |
| 8) Working as a Visiting Professor in the Faculty of Science (United Arab Emirates University) from 8/9/1998 to 20/1/1999. |
| 9) Affiliated to work as an assistant Professor in the Faculty of Education (6th October University) from 8/11/2001 to 31/8/2004. |
| 10) Working as the Director of the Applied Sciences Department in the Canadian international college (CIC)-Cairo from 1/9/2004 to 20/5/2004. |
| 11) Working as the Academic Vice Dean in the Canadian international college (CIC)-Cairo from 21/5/2005 to 25/1/2006. |
| 12)Acting as the Dean of the Canadian international college (CIC)-Cairo from 26/1/2006 to 20/8/2007. |
| 13)Working as the Academic consultant of the Canadian International College(CIC)-Cairo from  21/8/2007 to the current date. |
| 14)Working as a Full Professor in the Department of Mathematics, Faculty of Science ,Helwan University from 20 th of April 2008 the 31 st of August 2008 . |
| 15)Working as a Full Professor in the Department of Basic Science ,Canadian International College (CIC)-Cairo from 1 st of September 2008 to 31 st of August 2011. |
| 16)Working as a Full Professor in Al Zulfi Faculty of Science ,Al Majmaahh University from 14 /11/2012 until now. |
| Administrative Experience: |
| 1) Acting as the Head of the Department of Science in the Faculty of Education (6 0ctober University) from 8/11/2001 to 31/1/2001. |
| 2) Acting as the Vice Dean of the Faculty of Education from 1/2/2002 to 1/11/2002. |
| 3) Working as the Head of the Basic and Applied Sciences Department in the Canadian International College (CIC) from 1/9/2004 until now. |
| 4) Working as the Canadian International College (CIC) Vice Dean from 21/2/2006 until 31/8/2008. |
| 5) Working as the Canadian International College (CIC) Dean from 1/9/2008 until 31/8/2011. |
| 6)Working as the Canadian International College (CIC) Vice President for Academic Affairs and new extensions and acting as the Engineering Head of the Department (6 th of October Branch ) from 1/9/2011 until 13/11/2012. |
| 7) Working as a Full Professor in the Department of Mathematics (El Zulfi) Al- Majmaahh University (KSA) from 14/11/2012 until now. |
| 8) Working as the Head of the Bachelor of Science program Supervising Committee, in the Mathematics Department in (Al-Zulfi ) Faculty of Science ,Al Majmaah University starting from 2/1 /2013. |
| 9)Acting as a member in the Scientific Research and Post Graduate Studies , in the Department of Mathematics in (Al-zulfi) faculty of Science ,Al Majmaah University starting from 2/1/2013. |
| 10) Working as the Head of the Complains and Suggestions committee, in the department of mathematics in (Al-Zulfi ) faculty of Science ,Al Majmaah University staring from 18/8/2013. |
| 11)Acting as a member in the Instructors committee ,in the Department of mathematics in (Al-Zulfi ),faculty of Science ,Al-Majmaahh University starting from 18/8/2013. |
| 12) Acting as a member of the Editorial Board of Al Majmaahh University Journal of Engineering and applied Sciences starting from the 3rd of November 2013. |
| 13) Acting as a member of Al-Majmaahh science research unit starting from 1/12/2013. |

**Prof. Dr. Mohamed Abdel-Hakim Ahmed Ismail**

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| Untitled | Professor Dr. Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044119 | | Mobile |  | +966595871149 | | Fax: |  | +96664227484 | | E-Mail: |  | Ma.Ahmed@mu.edu.sa | | Office: |  | Room S195 | | Link to Homepage: http://faculty.mu.edu.sa/ma.Ahmed | | | |
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| Research Interests: |
| Fluid Mechanics |
| Hydro-Dynamic |
| Heat and Mass Transfer |
| Micro polar fluids |
| Porous Medium |

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| Qualification (Career and University Education) | | |
| 1981-1982 | B. Sc. Degree (Mathematics) | Grade “very good “, Faculty of science, Qena, Assuit University. |
| 1985-1986 | MS. C. Degree (Mathematics) | Faculty of science, Aswan, Assuit University. |
| 1991-1992 | PhD Degree  (Mathematics ) | Faculty of science, Aswan, Assuit University |

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| Experience (Teaching Experience) | |
| 1983-1986 | Demonstrator at Department of Mathematics, faculty of science, Aswan, Assuit University |
| 1986-1991 | Assistant Lecturer at Department of Mathematics, faculty of science, Aswan, Assuit University |
| 1992-2001 | Lecture at Department of Mathematics, faculty of science, Aswan, Assuit University |
| 2001-2008 | Assistant Professor at Department of Mathematics , Faculty of Science, Aswan, South Valley university, |
| 2008-2012  2012- | - Graduate Studies, Faculty of Science in Aswan.  - Quality Committee, Faculty of Science in Aswan  - Development Committee to list the Faculty of Science in Aswan  - Deputy Coordinator of the program quality math science sycophantic  - Commission for improving the math program at the Faculty of Science Zulfi  - Committee on Graduate Studies, Faculty of Science Zulfi  - Commission characterization of the graduate program at the Faculty of Science Zulfi  - Committee for Scientific Research and the relationship with the community, Faculty of Science Zulfi  - The Commission on Security and Safety Program Mathematics, Faculty of Science Zulfi |
| 2008-2012 | Professor Dr. at Department of Mathematics, Faculty of Science, Aswan, South Valley University |
| 2008-2012 | Head of Department of Mathematics, Faculty of Science, Aswan, South Valley University |
| 2010-2012 | Project manager for the development of Computer Science prequalified for Quality and Accreditation |
| 2012- | Professor in Department of Mathematic, Faculty of Science, Al-Zulfi, Majmaahh University. |
| 2012- | A Refree professor in the permanent central committee for evaluating the scientific work to promotion to the degree of (Associate and full professors) in the field of pure and applied mathematics. |
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| International Experience | |
| 1992- | - Cimpa Schools (France) in Pure and Applied Mathematis 5-28 /1/1991Mathematcs Department, Faculty of Science, Aswan, Assuit University  -Egyptian Mathematical Society  -Egyptian Phyiscal Society.  -Money conferences inside Egypt. |
| 1992-2012 | Supervisor for Ten PhD. Degree and nineteen MSc. Degree. |

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| Publication |
| M. A. EL-Hakiem, 1998. "Effects of a transverse magnetic field on natural convection with temperature dependent viscosity in micropolar fluids", *Int. J. Applied Mech. Eng.*, Vol. 3, No. 2, pp. 287-304. |
| M. A. EL-Hakiem, 1999."Effect of a transverse magnetic field on natural convection boundary layer flow of a micropolar fluids in porous medium", *Int. J. Applied Mech. Eng.*, Vol. 4, No. 3, pp. 509-528. |
| M. A. EL-Hakiem, 2000. “Viscous dissipation effects on MHD free convection flow over a non-isothermal surface in a micropolar fluid”, Int. Comm. Heat Mass Transfer, vol. 27, No. 4, pp. 581-590. |
| M. A. EL-Hakiem, 2000.“MHD oscillatory flow on free convection radiation through a porous medium with constant suction velocity” Magnetism and Magnetic Materials, vol. 220, pp. 271-276. |
| M. A. EL-Hakiem, (2000) “Thermal dispersion effects on combined convection in non-Newtonian fluids along a non-isothermal vertical plate in a porous medium” Transport in Porous Media vol. 15, pp. 1-12. |
| M. A. EL-Hakiem, (2000) “Thermal dispersion effects on combined convection in non-Newtonian fluids along a non-isothermal vertical plate in a porous medium” Transport in Porous Media vol. 15, pp. 1-12. |
| M. A. EL-Hakiem, (1999) “Natural convection in a micropolar fluid with internal heat generation an viscous dissipation”, Applied Mechanics and Engineering, vol. 4, pp. 789-799. |
| M. A. EL-Hakiem and M. F. El-Amin, (1999) “MHD free convection and mass transfer flow in micropolar fluid through a porous medium with constant suction”  Conference on Theoretical and Applied Mechanics, March and Cairo-EGYPT |
| M. A. EL-Hakiem, (2000) “Radiative effects on non-Darcy free convection over a permeable horizontal surface in a porous medium”, Applied Mechanics and Engineering, vol. 5, No. 4, pp. 213-217. |
| M. A. EL-Hakiem and M. F. El-Amin, (2000) “Thermal radiation effect on non- Darcy natural convection with lateral mass transfer”, Heat Mass Transfer, vol. , pp. |
| A.A. Mohammadein, M. A. EL-Hakiem and R.S.R. Gorla, (1996) “Effect of transfer magnetic field on natural convection in micropolar fluids”, Applied Mechanics and Engineering, vol. 1, No.,3, pp. 337-353. |
| M.A. EL-Hakiem, S.M.M. EL-Kabeir, and R.S.R. Gorla, (2000) “Natural convection from combined thermal and mass diffusion buoyancy boundary effects in micropolar fluids”Int. Journal of Fluid Mechanics Reseach, vol. 27, No. 1, pp. 1-20. |
| M.A. Mansour, M.A. EL-Hakiem and S.M.M. EL-Kabeir, (2000) “Heat and mass transfer in magnetohydrodynamic flow of micropolar fluid on a circular cylinder with uniform heat and mass flux”Magnetism and Magnetic Material, vol.220, pp. 259-270. |
| M. A. EL-Hakiem, (1997) “Mixed convection non-Newtonian fluid along an isothermal vertical cylinder in a porous medium”, Transport in Porous Media, vol. 28, pp. 307-317. |
| M. A. EL-Hakiem, (1997) “Natural convection flow of a micropolar fluids in a porous medium”, Applied Mechanics and Engineering, vol. 2, No. 2, pp.187-204 |
| A.A. Mohammadein, S.M.M. EL-Kabeir, M.A. EL-Hakiem and R.S.R. Gorla, (1998) “Hiemenz flow of a micropolar fluid in hydromagnetics”, Applied Mechanics and Engineering, vol. 3, No. 3, pp. 367-376. |
| M.A. EL-Hakiem, A.A. Mohammadein, S.M.M. EL-Kabeir, and R.S.R. Gorla, “Joule heating effects on magnetohydrodynamic free convection flow of a micropolar fluid”, Int. Comm. Heat Mass Transfer, vol. 26, No. 2, pp. 219-227 |
| A.A. Mohammadein, M.A. EL-Hakiem, M.A. Mansour, M. Modather and R.S.R. Gorla, (1999) “Viscous and Joule heating effects on MHD natural convection in a micropolar fluid on horizontal, inclined and vertical plates”,Journal of MHD, Plasma and Space Research, vol 8, No. 2, pp. 20-33. |
| M.A. EL-Hakiem, A.A. Mohammadein, M.A. Mansour, S.M.M. EL-Kabeir, and R.S.R. Gorla, (1999) “Heat transfer from stretching surface in a micropolar fluid”, Applied Mechanics and Engineering, vol. 4, No. 1, pp. 25-34. |
| M.A. EL-Hakiem, A.A. Mohammadein, M.A. Mansour, R.S.R. Gorla,and M. Modather (1999) “MHD mixed convection in a micropolar fluid over a horizontal plate”, Journal of MHD, Plasma and Space Research, vol. 9, No. 1, pp. 65-88. |
| M. A. EL-Hakiem and M. F. EL-Amin, (2001), “Mass Transfer effects on the non Newtonian fluids past a vertical plate embedded in porous medium with non-uniform surface heat flux”, Heat and Mass Transfer, vol. 37, pp. 293-297. |
| 1- M. A. El-Hakiem, (2004) "Natural convection in a micropolar fluid with thermal dispersion and internal heat generation", Int. *Comm. Heat Mass Transfer, vol. 31, No. 8, pp. 1177-1186*. |
| M. A. El-Hakiem, (2008) "Radiation effects on hydromagnetc free convective and mass transfer flow of a gas past a circular cylinder with uniform heat and mass flux“ *Int. J. of Numer. Meth. For Heat & Fluid Flow*, Accepted in January (2008). |
| M. A. El-Hakiem, (2007)"Radiative effects on non-Darcy natural convection from a heated vertical plate in saturated porous media with mass transfer for non-Newtonian fluid”, *Journal of Porous Media*, vol. 12(1) (2008). |
| M. A. El-Hakiem, and A.M. Rashad, (2007) "Effect of radiation on free convection from a vertical cylinder embedded in a fluid-saturated porous medium with a temperature-dependent viscosity", *Journal of Porous Media*, vol. 10(2), pp. 209-218 |
| M. F. El-Amin, M. A. El-Hakiem M. A. Mansour, (2004) "Combined effect of magnetic field and lateral mass transfer on non-Darcy axisymmetric free convection in a power-law fluid saturated porous medium”, *Journal of Porous Media*, vol. 7, No. 1 pp. 65-71. |
| M. A. El-Hakiem, and S. M. M. El-Kabeir and A.M. Rashad, (2007) "Combined heat and mass transfer on non-Darcy natural convection in a fluid saturated porous medium with thermophoresis", *Int. J. Applied Mechanics and Engineering, vol. 12, No. 1, pp. 9-18.* |
| M. A. El-Hakiem, S. M. M. EL-Kabeir and A.M. Rashad, (2007) "Group method analysis for the effect of radiation on MHD coupled heat and mass transfer natural convection flow for water vapor over a vertical cone through porous medium", *Int. J. of Math and Mech., vol. 3, No. 2, pp. 35-53.* |
| S.M.M. EL-Kabeir, M. A. EL-Hakiem and A.M. Rashad, (In Press) "Group method analysis of combined heat and mass transfer by MHD non-Darcy non-Newtonian natural convection adjacent to horizontal cylinder in a saturated porous medium”, *Applied* *Mathematical Modelling. Online 29 September 2007.*. |
| S.M.M. EL-Kabeir, M.A. EL-Hakiem and A.M. Rashad, (2008) "Lie group analysis of unsteady MHD three dimensional by natural convection from an inclined stretching surface saturated porous medium", *Journal of Computational and Applied Mathematics*, vol. 213, No. 2, pp. 582-603. |
| M. A. EL-Hakiem and M. Modather, (2006) "The effect of variable viscosity on MHD natural convection in micropolar fluids”, *Applied Mechanics and Engineering*  vol. 11, No. 2, pp. 301-320. |
| S.M.M. EL-Kabeir, M.A. EL-Hakiem and A.M. Rashad, (2007) "Natural convection from a permeable sphere embedded in a variable porosity porous medium due to thermal dispersion", *Nonlinear Analysis: Modelling and Control*., vol. 12, No. 3, pp. 345-357 |
| M. A. EL-Hakiem M. F. EL-Amin and M. A. Mansour (2003) "Effects of viscous dissipation on a power-law fluid over plate embedded in porous medium”, *Heat and Mass Transfer*, vol. 39, pp. 807-813. |
| A. M. Rashad, M.A. EL-Hakiem and S. M. M. EL-Kabeir (2007) "Lie group  analysis of hydromagnetic flow and heat transfer by non-Darcy natural convection over a surface stretching in porous medium with radiation effect”, *Int. J. of Appl. Math and Mech.*, vol. 3, No. 2, pp.54-70. |
| M. A. El-Hakiem, M. F. El-Amin and R. S. R. Gorla (2006) “MHD free convection of a large Prandtl number liquid over a non-isothermal two-dimensional body” Int. J. of Fluid Mechanics Research, vol. 33, pp. 153-167. |
| M. A. El-Hakiem, A. M. Rashad, M.M.M. Abdou, (2011). Natural convection boundary layer of non-Newtonian fluid about a permeable vertical cone embedded in porous medium saturated with a nanofluid Computer & Mathematics with applications, vol. 62, issue 8, pp. 3140-3151, Oct. |
| M. A. El-Hakiem, (2014).Heat Transfer from Moving Surfaces in a Micro polar Fluid with Internal Heat Generation. Journal of Engineering and Applied Science, vol. 1, Bart 1 no. 1 pp. 30-36. |
| M. A. El-Hakiem, (2014). Effect of Radiation and Double Dispersion on Mixed Convection Heat and Mass Transfer in Non-Darcy Porous Medium., Journal of Engineering and Technology In Press |

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| --- | --- | --- | --- |
| Teaching | | | |
| Fluid Mechanics | Math421 | Aswan Science | Assuit University |
| Analytic Mechanics | Math301 | Aswan Science | Egypt |
| Statistical Mechanics | Math453 | Aswan Science | Egypt |
| Dynamics | Math109 | Aswan Science | Egypt |
| Static | Math 120 | Aswan Science | Egypt |
| Quantum Mechanics | Math. 421 | Aswan Science | Egypt |
| Differential Equation | Math | Aswan Science | Egypt |
| Partial Differential Equation | Math | Aswan Science | Egypt |
| Geometry | Math | Aswan Engineering | Egypt |
| Linear Algebra | Math. 205 | Aswan Science | Egypt |
| Special Function | Phys. (340) | Aswan Science | Egypt |
| Numerical Analysis |  | Aswan power engineering | Egypt |
| Mathematical Methods | Math.(310) | Aswan Science | Egypt |
| Mechanical of Waves | Math. (321) | Aswan Science | Egypt |
| Differential and Integral | Math.(101) | Science Al-Zulfi | Kingdom, Saudi Arabia |
| Differential equations | Math.(204) | **Science Al-Zulfi** | Kingdom, Saudi Arabia |
| Geometry | Math.(121) | **Science Al-Zulfi** | Kingdom, Saudi Arabia |
| Calculus of Vectors | Math.(204+202) | **Science Al-Zulfi** | Kingdom, Saudi Arabia |
| Subjects in Appl. Mechanics | Math.(411+370) | Science Al-Zulfi | Kingdom, Saudi Arabia |

**And many other topics.**

**Prof. Dr. Hedi Ben Messaoud**

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| C:\Users\university\Downloads\Picture 002.jpg | Professor  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044117 | | Mobile |  | +966546624218 | | Fax: |  | +96664227484 | | E-Mail: |  | h.messaoud@mu.edu.sa | | Office: |  | Room S190 | | Link to Homepage: <http://faculty.mu.edu.sa/hmessaoud> | | | |
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| Research Interests: |
| Complex Analysis, psh functions, analytic sets, currents and slicing theory. |
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| Language Skills |
| Arabic, English , French |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1974-1978 | B. Sc. Degree (Mathematics) | Grade “very good “, Presidential prize. High normal School, Tunis-Manar University. |
| 1978-1979 | Master (Mathematics: | Paris VI University (France).  Complex Analysis) |
| 1979-1982 | PhD Degree  (Mathematics :  State' s Dotorat | ParisVI University.  Intermediate current associated to a positive closed current) |
| 1982- 1996 | Monge-Ampere Operator and extension of positive d-closed current.  Tunis-Manar University -- Fourier Institute (France) |

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| --- | --- |
| Career | |
| 2011- | Professor doctor at Department of Mathematics , Faculty of Science, Majmaahh university , Saudi Arabia |
| 2001-2005 | Professor (First class) at Department of Mathematics , Faculty of Science, Sfax university,Tunisia |
| 2005-2006 | Professor doctor at Department of Mathematics , Faculty of Science, KingFaycel university ,Alhasa, Saudi Arabia |
| 2001-2005  1996-2001  1986-1996  1982- 1986 | Professor (First class) at Department of Mathematics , Faculty of Science, Sfax university, Tunisia  Professor (Second class) at Department of Mathematics , Faculty of Science, Sfax university, Tunisia  Assistant Professor at Department of Mathematics , Faculty of Science, Bizerte university, Tunisia  Assistant at Department of Mathematics , Faculty of Science, Bizerte university, Tunisia |

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| Short Visits | |
|  | Invited professor (**5/1992, 6/1994**,7/1995, 1/1996,7/1996, 10/99, 7/2000, 12/2004)Fourier Institute . France |
| 11/1995  10/2002 | Invited professor at Mathematics Department , Poitier university (France)  Invited professor at Mathematics Department , Marseille university (France) |

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| Publications |
| M. Toujani H. Ben Messaoud.--Prolongement d un courant negatifpsh avec conditions sur les tranches. Cras Paris 2005  M. Toujani et H. Ben Messaoud.—Prolongement et contrˆole d’un courant negatifpsf  parses tranches, Afr. Diasp. J. of Mathematics, Wachington , 2004.  H. Ben Messaoud et HassineElmir.---Operaeur de Monge-Ampere et tranchage des courants positifsfermes, J. of Geometric Analysis (USA), vol. 10nb 1 (2000).  H. Ben Messaoud.—Tranche et formule de tranchagegeneralisee, colloque SMT, Mahdia mars 98.  H. Ben Messaoud .—New slicing formula , International congress of Mathematics, Berlin, August 1998.  H. Ben Messaoud et HassineElmir.---Tranchage et extension des courants positifsfermes, Math.Annalen(Germany), 307, 1997.  H. Ben Messaoud et HassineElmir.---Operateur de Monge-Ampere et formule de  tranchage pour un courant positifferme, CRAS Paris 1995, t. 321, serie*I, n*03.  H. Ben Messaoud.---Tranches et nombres de Lelong, colloque S.M.T, *n*0 3, Hammamet (1995).  H. Ben Messaoud et HassineElmir.---Tranchagedans le polydisque, colloque SMT,*n*0 2, Monastir (1994).  H. Ben Messaoud et HassineElmir.---Tranches et prolongement des courants positifsfermes, CRAS Paris 1993, t 316, serie*I.*  H. Ben Messaoud.---Courants intermediairesassocies `a un courant positifferme,  SeminaireLelong-Skoda, Lectures Notes in Math. (Springer) *no* 1028, *p.* 41*--*68. |
|  |
| Supervisor |
| 2006-2012 phd thesis of Hedikhediri (defended 22/1/2012), Monastir |
| 2007-2010 phd thesis NouredineGhiloufi (defended 10/2/2010), Sfax  2003-2007 phd thesis of MoncefToujani (defended 11/2007), Monastir |

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| Teaching Experience | | | | | |
| Complex Analysis  Derivation and Integration in sevral variables | Math484  Math 203 | Zulfi Science  Zulfi Science | | Majmaahh University  Majmaahh University | |
| Topology | Math | Monastir Science | | Monastir | |
| Mathematical Methods | Math | Zulfi Science | | Majmaahh University | |
| Linear algebra I | Math | SfaxScience | | Sfax University | |
| Linear algebra II | Math | SfaxScience | | Sfax University | |
| Analysis I, II | Math | SfaxScience | | Sfax University | |
| Probability and Stat. | Math | Sfax Science | | Sfax University | |
| Numerical analysis | Math | SfaxScience | | Sfax University | |
| Non Euclidian Geometry  Doctoral course in complex Analy. | Math  MATH | **ALhasa** Science  **Monstir Science** | | King Faycel University  Monastir University | |
| Conferences | | | | | | |
| Egypt France Mathematics Conference | | | France Embassy | | 2010 | |
| Conference on Topology and its Application | | | Tanta | | 2010 | |
| Fifth Annual Conference | | | Cairo | | 2007 | |

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| Reviewer |
| Reviewer of the Phd thesis of SouadKhemiri (2000); University of Monastir. |
| Reviewer of the Phd thesis of KhalifaDabbek (2001); University of Monastir |
| Reviewer of the Phd thesis of FethiHagui (2002); University of Monastir. |
| Reviewer of the ”Habilitation” of Nabil Ourimi (2004), University of Bizerte |
| Reviewer of the ”Habilitation” of SaoussenKallel (2004), University of Tunis |
| Reviewer of the ”Habilitation” of KhalifaDabbek (May 2009), Univ. of Monastir  Reviewer of the ”Habilitation” of FethiHagui ( June 2010), University of Monastir  Member of the phd jury of Maryam Touilbi (February 2013), King Saud University  Practical Skills | |
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| Latex Writing | |
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**Dr. Rabah Kellil**

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| C:\Users\HP\Pictures\New Picture.png | Dr Rabah Kellil  Assistant Professor  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Main Campus  Zulfi Saudi Arabia | P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044119 (4110) | | Mobile |  | +966564070512 | | Fax: |  | +96664227484 | | E-Mail: |  | [r.kellil@mu.edu.sa](mailto:r.kellil@mu.edu.sa), kellilrabah@yahoo.fr | | Office: |  | Room S194 | | Link to Homepage: <http://faculty.mu.edu.sa/kellil> | | | |

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| Research Interests: |
| Semigroups, semirings, ternary operation, Green’s relations, Lattices, |
| Morphic groups |
| Coding theory, cryptography |
| Language Skills |
| French Wring; speaking and reading Excellent  Arabic Wring; speaking and reading Excellent  English Wring Excellent; speaking good and reading Excellent |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1977-1981 | B. Sc. Degree (Mathematics) | Constantine University Algeria |
| 1981-1982 | MS. C. Degree (Mathematics) | Nancy college of Sciences, Nancy University, France |
| 1982-1984 | PhD Degree  (Mathematics ) | Nancy college of Sciences, Nancy University, France |

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| Career | |
| 1982-1984 | Professor of mathematics secondary schools Nancy France |
| 1984-1985 | Assistant Professor University of Metz France |
| 1984-1988 | Researcher attached to CNRS Unit at Metz France |
| 1988-1990 | Assistant Professor Annaba University Algeria |
| 1990-2010 | Assistant Professor Monastir University Tunisia |
| Since 2010 | Assistant Professor Majmaahh University KSA |

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| Short Visits | |
| 2003-2004 | Associated researcher in PROTHEO Project, INRIA Nancy France |
| 1995(1 month) | University of FES Morocco Summer school in commutative Algebra |
| 1 to 2 weeks | Many short visits Grenoble France, Nancy France, Fes Morocco, Annaba Algeria,  K.S university Riyadh, CIRM ( International Center of Mathematical Research) France |

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| Publication(s) |
| 1- Author: Rabah Kellil  Title Some Propreties on Morphic Groups.  Pure Mathematical Sciences, Vol. 2, 2013, no. 2, 55 – 68, Publisher Hikari Ltd. |
| 2- Author: Rabah Kellil  EXTERNAL APPROACH OF IDEALS IN SUBTRACTION ALGEBRAS  Asian Journal of Current Engineering and Maths . 2: 2 , March-April 2013, p115-117. |
| 3- Author: Rabah Kellil  Some Aspects of Derivation in Ternary Semirings.  International Journal of Multidisciplinary Sciences and Engineering, Volume 4, Issue 5, June 2013. |
| 4- Author: Rabah Kellil  GREEN'S RELATIONS ON TERNARY SEMIGROUPS.  J. Semigroup Theory Appl. 2013, 2013:6 |
| 5- Author: Rabah Kellil  ON INVERSES OF LEFT ALMOST SEMIRINGS AND STRONG LEFT ALMOST SEMIRING  Journal of Mathematical Sciences: Advances and Applications, issue April 2014 |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| MTPH001 and MTPH002 MAT 130+ 231, MAT 444, MAT 203, MAT 343, MAT 237 | Since 2010 | courses given in English  BcS Mathematics | College of Sciences at Zulfi Majmaahh University |
| Algebra for the first, the second, the third and the fourth year | 1984-1985  1988-1990  1990-2010 | BcS Mathematics  courses given in French | University of Metz France  University of Annaba Algeria  University of Monastir Tunisia |
| Analysis for the first and second year in MA cycle (mathematics). | 1984-1985  1988-1990  1990-2010 | BcS Mathematics  courses given in French | University of Metz France  University of Annaba Algeria  University of Monastir Tunisia |
| Measure and integration in third year in MA cycle (mathematics). | 3 times between 1990-2010 | BcS Mathematics  courses given in French | University of Monastir Tunisia |
| Complex analysis in third year in MA cycle (mathematics). | 3 times between 1990-2010 | BcS Mathematics  courses given in French | University of Monastir Tunisia |
| Topology in third year in MA cycle (mathematics). | 2 times between 1990-2010 | BcS Mathematics  courses given in French | University of Monastir Tunisia |
| Differential Calculus | 2 times between 1990-2010 | BcS Mathematics  courses given in French | University of Monastir Tunisia |

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| Conferences |  |  |  |  |
| Annual colloquium of SMT | colloquium | 3 days | Hammamet 3 times | SMT |
| Annual colloquium of SMT | colloquium | 3 days | Mahdia 2 times | SMT |
| Annual colloquium of SMT | colloquium | 3 days | Sousse 2 times | SMT |
| Annual colloquium of SMT | colloquium | 3 days | Monastir 2 times | SMT |
| Summer School on Invariants Theory | Summer school | 15 days | Monastir 1997 | CIMPA |
| Summer school on commutative Algebra | Summer school | 15 days | Fez Morocco | University of Fez |
| Summer School on Commutative Algebra | Summer school | 15 days | Marseille France | CIRM France |
| Summer School on Dynamical Systems and Complex Analysis | Summer school | 15 days | Marseille France | CIRM France |
| Summer School on Current Theory and Complex Analysis | Summer school | 1 MONTH | Mahdia | University of Grenoble France and University of Monastir |
| Summer School on Coding and Cryptography | Summer school | 1 MONTH | Mahdia | INRIA Roquencourt France |
| International colloquium of Mathematics KS university Riyadh 2012 | Colloquium | 2 days | Riyadh | KS University KSA |

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| Pedagogic Production |
| With Dr Pr Ferdaous kellil : Algebra and Arithmetic cours et exercices, in French Tunisia 2007 |
| With Dr Pr Ferdaous kellil : Course one topology, in French Tunisia 2008 |

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| Practical Skills |
| Programming skills: Fortran, Basic, Pascal, C++ |
| Latex, Word, |
| Advising Member in review of many mathematics program both in France and Tunisia. |
| Conception of the Mathematics Programs of Higher School of Sciences and technology Hammam Sousse Tunisia 2007 |
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**Dr. Salah Abdel-Naby Elgharieb Khafagy**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Assistant Professor  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044113 | | Mobile |  | +966569576682 | | Fax: |  | +96664227484 | | E-Mail: |  | s.khafagy@mu.edu.sa | | Office: |  | Room S165 | | Link to Homepage:[http://faculty.mu.edu.sa/skhafagy](http://faculty.mu.edu.sa/skhafagy#_blank) | | | |
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| Research Interests: |
| Functional Analysis |
|  |
| Language Skills |
| Arabic, English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1991-1995 | B. Sc. Degree (Mathematics) | **with grade very good, Faculty of Science, Al-Azhar University 1995.** |
| 1997-2002 | MS. C. Degree (Mathematics) | **Faculty of Science, Al-Azhar University,** 2002. |
| 2004-2007 | PhD Degree  (Mathematics ) | **Faculty of Science, Al-Azhar University,** 2007. |
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| --- | --- |
| Career | |
| 2013-Now | Assistant Professor, Mathematics Department, Faculty of Science, Al-Azhar University, Egypt. |
| 2010-Now | Assistant Professor, Mathematics Department, Faculty of Science, Majmaahh University, Saudia Arabia |
| 2007-2013 | Lecturer at Mathematics Department, faculty of science, Al-Azhar University, Egypy. |
| 2002-2007 | Assistant Lecturer at Mathematics Department, Faculty of Science, Al-Azhar University, Egypt. |
| 1996-2002 | Demonstrator at Mathematics Department, Faculty of Science, Al-Azhar University, Egypt. |

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| --- | --- |
| Short Visits | |
| 2009 | The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy. |
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| Publication |
| Khafagy, S. and Khalil, A., On the Accuracy of Pade Approximants in Calculating The Energy Eigenvalues and Phase Shifts via the Potential Model of Schrodinger Equation, Journal of the Egypt. Math. Soc., Vol. 13(2), (2005), pp. 201-214.  Khafagy, A. and Serag, H., Maximum Principle and Existence of Positive Solutions for  Nonlinear Systems Involving Degenerated p-Laplacian Operators, Electronic Journal of Differential Equations, Vol. 2007 (2007), No. 66, PP. 1-14.  Serag, H. and Khafagy, S., Existence of Weak Solutions for Nonlinear Systems  Involving Different Degenerated p-Laplacian Operators, New Zealand Journal of  Mathematics, Vol. 38 (2008), pp. 75-86.  Khafagy, S. and Serag, H., Existence of Weak Solutions for Nonlinear Systems Involving Several p-Laplacian Operators, Electronic Journal of Differential Equations, Vol. 2009 (2009), No. 81, PP. 1-10.  Serag, H. and Khafagy, S., Existence of Weak Solutions for Nonlinear Systems Involving Degenerated p-Laplacian operators, Sarajevo Journal of Mathematics, Vol. 5 (17) (2009), pp. 1-14.  Serag, H. and Khafagy, S., On a nonhomogeneuos elliptic systems  Involving p-Laplacian with different weights, Journal of Advanced Research in Differential Equation,  Vol. 1, Issue. 1, 2009, 47-62.  Serag, H. and Khafagy, S., On Maximum Principle and Existence of Positive weak Solutions for Nonlinear Elliptic Systems Involving Degenerated p-Laplacian, Operators, Turkish Journal of Mathematics, Vol. 34 (2010), PP. 59-71.  Khafagy, S., Maximum Principle and Existence of Weak Solutions for Nonlinear System Involving Different Degenerated p-Laplacian Operators on , New Zealand Journal of Mathematics, Vol. 39 (2009), 151-163.  Khafagy, S., Existence and Nonexistence of Positive Weak Solutions for a Class of (p,q)-  Laplacian with Different Weights, Int. J. Contemp. Math. Sciences, Vol. 6 (48) (2011),  2391– 2400.  Khafagy, S., Existence and uniqueness of weak solution for weighted p-Laplacian Dirichlet  problem, Journal of Advanced Research in Dynamical and Control Systems, Vol. 3 (3) (2011), 41– 49.  Khafagy, S., Existence, nonexistence and uniqueness of positive weak solution for a  nonlinear system involving weighted p-Laplacian, Global Journal of Pure and Applied  Mathematics, Vol. 8 (2) (2012), 205-214.  Khafagy, S., Existence and uniqueness of weak solution for quasilinear elliptic (p,q)-Laplacian system, Global Journal of Pure and Applied Mathematics, Vol. 8 (4) (2012), 465-475.  Khafagy, S., On positive weak solution for a nonlinear system involving weighted p-Laplacian, Journal of Advanced Research in Dynamical and Control Systems, Vol. 4 (4) (2012), 50– 58.  S. Khafagy, Maximum Principle and Existence of Positive Weak Solutions for Nonlinear Systems, Lambert Academic Publishing, 2012.  Khafagy, S., Existence and nonexistence of positive weak solutions for a class of weighted (p,q)-Laplacian nonlinear system, Global Journal of Pure and Applied Mathematics, Vol. 9 (4) (2013), 379-387. |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Functional Analysis | Mat 482 | Faculty of Science | Al-Azhar andMajmaahh Universities |
| Real Analysis | Mat 382 | Faculty of Science | Al-Azhar andMajmaahh Universities |
| Complex Analysis | Mat 485 | Zulfi Science | Al-Azhar andMajmaahh Universities |
| Calculus I, II, III | Math101, 102, 201 | Zulfi Science | Al-Azhar andMajmaahh Universities |
| Differential Equation | Math 321, Mat 224 | Faculty of Science | Al-Azhar andMajmaahh Universities |
| Geometry | Mat 121, Math 273 | Faculty of Science | Al-Azhar andMajmaahh Universities |

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| --- | --- | --- |
| Conferences | | |
| International Conference on Mathematics, Trends and Development | Cairo, Egypt | 2002 |
| The Third Workshop On Mathematical Analysis And Applications | Cairo, Egypt | 2005 |
| School on Algebraic Aprroach to Differential Equations | Alex, Egypt | 2007 |
| Sixth International Conference (Education, Development, environment) | Cairo, Egypt | 2008 |
| School on Recent Developments in the Theory of Elliptic PDE | Arab Academy | 2009 |
| Seventh International Scientific Conference, Al-Azhar University | Cairo | 2010 |
| Egypt-France Mathematical Conference | Cairo | 2010 |

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| Training Experience |
| Training " E- Learning ", Majmaahh University , Saudi Arabia |
| Training " The culture of E-learning" Majmaahh University , Saudi Arabia |
| Training " The Skills of E-learning" Majmaahh University , Saudi Arabia |
| Training " E- Learning ", Majmaahh University , Saudi Arabia |

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| Practical Skills |
| ICDL(International Computer Driving License ), Latex Writing |

**Prof. Dr. Mohamed Ahmed Elsayed Herzallah**

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| C:\Users\Guten\Desktop\1331066580.968Photo0001.jpg | Professor Associate Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: King Abd Allah street  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164222805 | | Mobile |  | +966541982450 | | Fax: |  | +96664227484 | | E-Mail: |  | m.herzallah@mu.edu.sa | | Office: |  | Room S191 | | Link to Homepage: http://faculty.mu.edu.sa/azedan | | | |
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| Research Interests: |
| Functional Analysis |
| Fractional Calculus |
| Fractional Calculus of variations |
| Fractional Evolution Equation |
| Existence and Uniqueness theorems of fractional differential equation |

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| --- | --- | --- | --- |
| Qualification (Career and University Education) | | | |
| 1993-1997 | B. Sc. Degree (Mathematics) | Grade “Excellent “, Faculty of science, Zagazig University, Zagazig, Egypt. | |
| 1998-2002 | MS. C. Degree (Mathematics) | Faculty of science, Zagazig University, Zagazig, Egypt.. | |
| 2002-2005 | PhD Degree  (Mathematics ) | Faculty of science, Zagazig University, Zagazig, Egypt. | |
| 2005-2013 | Ass. Prof. Degree (pure Mathematics) | Faculty of science, Zagazig University, Zagazig, Egypt. | |
| Experience (Teaching Experience) | | |
| 1998-2002 | Demonstrator at Department of Mathematics, Faculty of science, Zagazig University, Zagazig, Egypt. | |
| 2002-2005 | Assistant Lecturer at Department of Mathematics, Faculty of science, Zagazig University, Zagazig, Egypt. | |
| 2005-2008 | Lecturer at Department of Mathematics, Faculty of science, Zagazig University, Zagazig, Egypt. | |
| 2013- | Assistant Professor at Department of Mathematics, Faculty of science, Zagazig University, Zagazig, Egypt | |
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| International Experience | |
| 2008- | Assistant Professor at Department of Mathematics , Faculty of Science, Majmaahh university , Saudi Arabia |

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| Publication | | | |
| 1. A. M. A. El-Sayed and M. A. E. Aly, On the continuation of fractional order evolutionary integral equations and some applications, KJCAM, 9, (2002), 525-533. | | | |
| 1. A. M. A. El-Sayed and M. A. E. Herzallah, Continuation and maximal regularity of fractional-order evolution equation, J. Math. Anal. Appl., 296(1), (2004), 340-350. | | | |
| 1. A. M. A. El-Sayed and M. A. E. Herzallah, Continuation and maximal regularity of an arbitrary (fractional) order evolutionary integro-differential equation, Applicable Analysis , 84(11), (2005), 1151 - 1164 | | | |
| 1. A. M. A. El-Sayed and M. A. E. Herzallah, Continuation and maximal regularity of fractional-order evolutionary integral equation, Inter. J.evolution equ., 1(2), (2005), 179-190. | | | |
| 1. M. A. E. Herzallah and D. Baleanu, Fractional-order Euler-Lagrange equations and formulation of Hamiltonian equations, Nonlinear Dyn., 58(1-2),385-391, (2009( | | | |
| 1. M. A. E. Herzallah, A. M. A. El-Sayed and D. Baleanu, Perturbation for fractional-order evolution equation, Nonlinear Dyn. 62: 593–600 (2010( | | | |
| 1. M. A. E. Herzallah and D. Baleanu, On abstract fractional order telegraph equation J. Comput. and Nonlinear Dynam., , Vol. 5 number 2 , 021008-5, April (2010( | | | |
| 1. M. A. E. Herzallah, A. M.A. El-Sayed and D. Baleanu, On the fractional-order Diffusion-Wave process, Rom. Journ. Phys., Vol. 55, Nos. 3–4, P. 274–284, Bucharest, (2010) | | | |
| 1. M . A. E. Herzallah and D. Baleanu, Fractional-Order Variational Calculus with Generalized Boundary Conditions, Advances in Difference Equations, doi:10.1155/2011/357580 (2011) | | | |
| 1. M. A. E. Herzallah, S I. Muslih, D. Baleanu and E M. Rabei, Hamilton-Jacobi and fractional like action with time scaling, Nonlinear Dyn. Vol. 66(4) (2011) 549-555. | | | |
| 1. A. M. A. EL-Sayed, E. Ahmed and M. A. E. Herzallah, On The Fractional-Order Games With Non-Uniform Interaction Rate And Asymmetric Games, Vol. 1. July 2011, No.1, pp. 1-9. | | | |
| 1. M. A. E. Herzallah and K. A. Gepreel, Approximate solution to the time–space fractional cubic nonlinear Schrodinger equation, Appl. Math. Modell. (2012), doi:10.1016/j.apm.2012.01.012 | | | |
| 1. M. A. E. Herzallah and D. Baleanu, Existence of a periodic mild solution for a nonlinear fractional differential equation, Computers and Mathematics with Application (2012), doi:10.1012/j.camwa,2011.12.060. | | | |
| 1. M. A. E. Herzallah and D. Baleanu, Fractional Euler–Lagrange equations revisited, Nonlinear Dyn. 69(3) 977-982(2012) | | | |
| 1. M. A. E. Herzallah, Variational calculus with fractional and classical derivatives, Rom. J. Phys. (2012) Vol.57(9-10),1261-1269. | | | |
| 1. . A. E. Herzallah, Mild and strong solutions to few types of fractional order nonlinear equations with periodic boundary conditions, Indian J. Pure Appl. Math., (2012) Vol. 34(6) 1-17. | | | |
| 1. M. A. E. Herzallah, M. El-Shahed and D. Baleanu, Mild and strong solutions for a fractional nonlinear Neumann boundary value problem, J. Comput. Anal. Appls. (2013) Vol.15(2) 341-352. | | | |
| 1. M. A. E. Herzallah, Comments on “The effect of fractional parameter on a perfect conducting elastic half-space in generalized magneto-thermoelasticity” by N. Sarkar and A. Lahiri [Meccanica (2013) 48:231–245], Meccanica (2013) 48:2567–2568. | | | |
| 1. M. A. E. Herzallah, Comments on “Effect of fractional parameter on plane waves of generalized magneto-thermoelastic diffusion with reference temperature-dependent elastic medium” [Comput. Math. Appl. 65 (2013) 1104–1118], Comput. Math. Appl. 67 (2014) 997–998. | | | |
| 1. M. A. E. Herzallah and D. Baleanu, On fractional order hybrid differential equations, Abstract and applied analysis, (accepted). | | | |
| Teaching | | | | |
| Subject | **Code** | **Faculty** | University | |
| Ordinary Differential Equations | Math 321 | Science | Zagazig, Banha and Majmaah | |
| Theory of Differential Equations | Math | Education | Zagazig | |
| Calculus 1 | Math 201 | Science | Zagazig and Majmaah | |
| Calculus 2 | Math 202 | Science | Zagazig and Majmaah | |
| Calculus 3 | Math 203 | Science | Zagazig | |
| Real Analysis | Math 381 | **Science** | Zagazig and Banha | |
| Differential Geometry | Math 473 | **Science** | Zagazig and Majmaah | |
| Partial Differential Equations | Math 423 | **Science** | Majmaah | |
| Functional Analysis | Math 484 | **Science** | Zagazig, Banha and Majmaah | |
| Numerical Analysis | Math 351 | **Science** | Zagazig and Majmaah | |
| Linear Algebra | Math 241 | **Science** | Zagazig and Majmaah | |
| Abstract Algebra | Math | **Science** | Zagazig | |
| Group Theory | Math 342 | **Science** | Majmaah | |
| Calculus of Variations | Math | **Science** | Zagazig | |
| Measure Theory | Math | **Science** | Zagazig | |
| Analytic Geometry | Math 271 | Science | Zagazig and Majmaah | |
| Mathematical Methods | Math 322 | Science | Majmaah | |

**Ass. Prof. Dr. Abd El-Monem Abd El-hameed Abd El-hameed megahed**

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| F:\1331716848.2665m2 001.jpg | Professor Assistant  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712, Zip code 11932 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044108 | | Mobile |  | +966560743722 | | Fax: |  | +96664227484 | | E-Mail: |  | a.megahed@mu.edu.sa | | Office: |  | Room S189 | | Link to Homepage: <http://faculty.mu.edu.sa/amegahed> | | | |
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| Research Interests: |
| Operation research |
| Mathematical programming |
| Game Theory |
| Semi-Infinite programming |
| Fuzzy Differential game |
| Generalized Convexity |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1990 | B. Sc. Degree (Mathematics) | Grade “very good “, Faculty of science, Tanta University. |
| 1997 | MS. C. Degree (Mathematics) | Faculty of science, Tanta University. |
| 2003 | PhD Degree in Mathematics (Operations research) | Faculty of science, Tanta University. |
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| --- | --- |
| Experience (Teaching Experience) | |
| 1994-1999 | Research Assistant , faculty of science, Tanta University, ,Ismalia Egypt |
| 1999-2003 | Assistant Lecturer at Department of basic Science , faculty of Computer and Informatics ,Suez Canal University, Ismalia Egypt |
| 2003-2006 | Lecture at Department of basic Science , faculty of Computer and Informatics ,Suez Canal University ,Ismalia Egypt |
| 2006- | Assistant Professor at Department of Mathematics ,College of Science, Majmaahh university , Saudi Arabia |

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| International Experience | |
| 2006- | Visiting Lecturer for Mathematics Department , Majmaahh university |

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| Publication |
| Study on Fuzzy Differential game, Journal of Fuzzy Mathematics, Los Angles, USA (2001) |
| A study on Large Scale Continuous Differential Game, Calcutta Mathematical Society, India(2002). |
| A Study on Fuzzy Differential Game, LE Mathematiche, DI CTANIA, Italia (2001) |
| Min-Max Zero Sum Two Persons Fuzzy Continuous Differential Game, International Journal of Applied Mathematics ,Academic Publication ,Sofia,1054 Bulgaria (2008) |
| A Combined Interactive Approach for solving E-convex multiobjective nonlinear Programming, Applied Mathematics and Computation(217)(2011)6777-6784, 2011 |
| Optimality conditions of E-convex programming for an E-differentiable function, Journal of Inequalities and Applications,(2013) |
| Second Order (F, a, q, d, E)-convex function and the Duality Problem, Journal of the Egyptian Mathematical Society (2014) 22, 23–27 |
| MIN- MAX ZERO SUM TWO PERSONS CONTINUOUS DIFFERENTIAL GAME WITH FUZZY CONTROLS, Asian Journal of Current Engineering and Maths, April (2013) 86 -98. |
| A Study on the Duality of E-Convex Non-Linear Programming Problem, Int. Journal of Math. Analysis, Vol. 7, 2013, no. 4, 175 - 185 |
| An n-order (F; \_; \_; d)-Convex Function and Duality Problem, Journal of advances in Mathematics, Jan 3,2014 |
| Paper Accepted  A matrix Optimization Theory, [Far East Journal of Mathematical Sciences (FJMS)](mailto:fjms@pphmj.com) |

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| --- | --- | --- | --- |
| Teaching | | | |
| Differential Geometry | Math | Faculty of Education | Egypt |
| Linear Algebra | Math | Faculty of Computers and Informatics | Egypt |
| Calculus in several variable | Math | Faculty of Education | Egypt |
| Non-linear Programming | Math | Faculty of Science | Egypt |
| Linear Algebra | Math | Faculty of Education | Egypt |
| Mathematical for Dynamic Model | Math | Faculty of Computers and Informatics | Egypt |
| Mathematical Probability | Stat | Faculty of Computers and Informatics | Egypt |
| Differential Equation | Math | Faculty of Computers and Informatics | Egypt |
| Partial Differential Equation | Math | Faculty of Computers and Informatics | Egypt |
| Geometry | Math | Faculty of Computers and Informatics | Egypt |
| Calculus | Math 101 | Zulfi Science | Majmaahh University |
| Linear Algebra | Math242 | Zulfi Science | Majmaahh University |
| Statistics and Probability | Stat101 | Zulfi Science | Majmaahh University |
| Calculus | Math | Faculty of Science | Egypt |
| Mathematics Basis | Math231 | Zulfi Science | Majmaahh University |
| Calculus | Math205 | Zulfi Science | Majmaahh University |
| Introduction to Geometry | Math123 | Zulfi Science | Majmaahh University |
| Abstract Algebra | Math | Faculty of Education | Majmaahh University |
| Vector Calculus | Math202 | Zulfi Science | Majmaahh University |
| Differential Equation | Math204 | Zulfi Science | Majmaahh University |
| Linear Algebra and Analytic Geometry | Math107 | Zulfi Science | Majmaahh University |
| Linear programming | Math356 | Zulfi Science | Majmaahh University |
| Mathematical Methods | Math316 | Zulfi Science | Majmaahh University |
| Mathematical Economic | Econ 331 | Zulfi Science | Majmaahh University |
| Optimization Technique | Oper431 | Zulfi Science | Majmaahh University |
| Preparatory Math1 | Math001 | Zulfi Science | Majmaahh University |
| Preparatory Math2 | Math002 | Zulfi Science | Majmaahh University |
| Partial Differential Equation | Math422 | Zulfi Science | Majmaahh University |
| Calculus | Math102 | Zulfi Science | Majmaahh University |
| Operations Research and its Application | Cis327 | Zulfi Science | Majmaahh University |

**Ass. Prof. Dr. Mohammed EL-Shahat Mahmoud EL-Saadani**

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| صورة شخصية | Professor Assistant  Mathematics Department College of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044119 | | Mobile |  | +966501269498 | | Fax: |  | +96664227484 | | E-Mail: |  | m.alsaadani@mu.edu.sa | | Office: |  | Room 4126 | | Link to Homepage: http://faculty.mu.edu.sa/saadani | | | |
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| Research Interests: |
| Mathematical Statistics |
| Inventory Models |
| Estimation theory |

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| Qualification (Career and University Education) | | |
| 1993-1997 | B. Sc. Degree (Mathematics) | Grade “very good “, Faculty of science, Tanta University, Egypt |
| 1998-2002 | MS. C. Degree (Mathematical Statistics) | Faculty of science, Tanta University, Egypt |
| 2002-2006 | PhD Degree (Mathematical Statistics) | Faculty of science, Tanta University, Egypt |
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| --- | --- |
| Experience (Teaching Experience) | |
| 1998-2001 | Assistant Researcher at Department of Mathematics, faculty of science, Tanta, Tanta University, Egypt |
| 2003-2006 | Assistant Lecturer at Department of Mathematics, faculty of Education, Sues , Sues Canal University |
| 2006-2008 | Lecture at Department of Mathematics, faculty of Education, Sues , Sues Canal University, Egypt |
| 2008- | Assistant Professor at Department of Mathematics , College of Science, Majmaahh university , Saudi Arabia |

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| International Experience | |
| 2008-2010 | Visiting Lecturer for Mathematics Department , Qassim university |
| 2010- | Visiting Lecturer for Mathematics Department , Majmaahh university |

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| Publication |
| [1] “ Probabilistic Multi-item Inventory Model With Varying Holding Cost Under Two Non-Linear Constraints: A Geometric Programming Approach”. The 36th Annual Conference On Statistics, Computer Sciences And Operation Research, ISSR, Cairo University, Egypt, pp. 51-65. (2001). |
| [2] “ Probabilistic Multi-item Inventory Model With Varying Holding Cost Under Two Linear Constraints: A Geometric Programming Approach”. Journal Of A.M.S.A., France., Vol. 23, No. 4, pp. 17-29. (2002). |
| [3] " Constrained Single Period Stochastic Inventory Model with Instantaneous Demand and Varying Holding Cost". The 39th Annual Conference On Statistics, Computer Sciences And Operation Research, ISSR, Cairo University, Egypt, pp. 203-2121. (2004). |
| [4] " Constrained Probabilistic Inventory Model with Continuous Review and Varying Holding Cost". International Journal of Applied Mathematics, Vol.17, No. 1, pp.53-67, (2005). |
| [5] Constrained Single Period Stochastic Uniform Inventory Model with Continuous Distribution of Demand and Varying Holding Cost". Science Publications, American Journal of Mathematics and Statistics 2 (1) , pp.334-338. USA, (2006). |

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| --- | --- | --- | --- |
| Teaching | | | |
| Introduction to probability and statistics | Sta 224 | Zulfi Science | Majmaahh University |
| Principles of statistics | Stat 101 | Zulfi Science | Majmaahh University |
| Principles of distribution theory | Sta 202 | Zulfi Science | Majmaahh University |
| Calculus II | Mat 102 | Zulfi Science | Majmaahh University |
| Forecasting methods | Oper 321 | Zulfi Science | Majmaahh University |
| Data analysis | Sta 438 | Zulfi Science | Majmaahh University |
| Differential Equation | Mat 204 | Zulfi Science | Majmaahh University |
| Probability 1 | Sta 211 | Zulfi Science | Majmaahh University |
| Pre Calculus | Math002 | Zulfi Science | Majmaahh University |

**Ass. Prof. Dr. Mohammed Mohammed khalaf**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1[2] | Professor Assistant  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044112 | | Mobile |  | +966582905323 | | Fax: |  | +96664227484 | | E-Mail: |  | m.khalaf@mu.edu.sa | | Office: |  | Room S192 | | Link to Homepage: http://faculty.mu.edu.sa/m.khalaf | | | |
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| Research Interests: |
| Topology |
| Rough sets theory |
| Lattice theory |
| Formal concepts analysis |
| Bitopological Spaces |

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| Qualification (Career and University Education) | | |
| 1992-1996 | B. Sc. Degree (Mathematics) | Grade “good “, Faculty of science, sohag, South Valley University. |
| 2000-2003 | MS. C. Degree (Mathematics) | Faculty of science, sohag, South Valley University. |
| 2005-2009 | PhD Degree  (Mathematics ) | Internal part at Faculty of science, assuit, AL AZHAR University |
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| Experience (Teaching Experience) | |
| 1999-2003 | Study in Demonstrator at Department of Mathematics, faculty of science, sohag, South Valley University |
| 2003-2009 | Assistant Lecturer at Department of Mathematics, faculty of science, alrass, qassem University, ksa |
| 2010-2011 | Lecture at Department of Mathematics, Higher Institute of Engineering and Technology Alexandria |
| 2011- | Assistant Professor at Department of Mathematics , Faculty of Science, Majmaahh university , Saudi Arabia |

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| --- | --- |
| International Experience | |
| 2007-2010 | Visiting Scholar, Theoretical computer science, elminea and alexandera |
| 2011- | Visiting Lecturer for Mathematics Department , Majmaahh university |

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| Publication |
| Mohammed . khalaf et all , mu-weak structure , Indean journal of applied reserch , Volume : 4 | Issue : 1 | Jan 2014 | ISSN - 2249-555X ( jan 2014 ) ( Gimpact 2.26 ) |
| *Mohammed . khalaf et all , Measure on weak structure , IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-3008, p-ISSN:2319-7676. Volume X, Issue X Ver. I.(Jan. 2014), PP 01-00*  *( african impact 1.3 )* |
| *Mohammed . khalaf* , Medical diagnosis via interval valued inti., fuzzy sets Analysis of fuzzy math. And informatices Volume 6, No. 2, (September 2013), pp. 245–249 |
| Zahran A. M., Zeyada F. M. , Azab Abd-Allah M. and Khalaf M. M. (2008), Separation axioms in L-Fuzzifying topology, Far East Journal of Mathematical Science ( FJMS ). vol. 21 no. 2 227-249. |
| Zeyada F. M. Azab Abd-Allah M. and Khalaf M. M. (2008), Short Communication: A comment on and a characterization of the concept of complete residuated lattice, Journal of nonlinear Sciences and Applications 1 , no.2, 202-204. |
| I. M. Hanafy, F. S. Mahmoud and Khalaf M. M., Fuzzy topology on fuzzy sets, fuzzy -continuity and fuzzy -retract, international journal of fuzzy logic and intelligent system vol.4 no. 1, March 2005, PP. 29-34. |
| I. M. Hanafy, F. S. Mahmoud and Khalaf M. M., intuitionistic fuzzy retracts, international journal of fuzzy logic and intelligent system vol.4 no. 1, March 2005, PP. 40-45. |

F. S. Mahmoud, M.A.FathAlla and Khalaf M. M., F-open sets, F-continuity and F-retracts, Applied Mathematices and computations 153(2004)117-126.

F. S. Mahmoud, M.A.FathAlla and Khalaf M. M., F-strongly open sets, F-strongly continuity and F-strongly retracts, Applied Mathematices and computations 137(2003)209-230.

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| --- | --- | --- | --- |
| Teaching | | | |
| Linear Algebra | Math242 | Zulfi Science | Majmaahh University |
| Topology | Math | Higher Institute of Engineering and Technology Alexandria | Egypt, |
| Mathematics Basis | Math231 | Zulfi Science | Majmaahh University |
| Calculus | Math205 | alrass + alzulfi Science | Majmaahh University |
| Real Analysis | Math | Qassem university alrass Science | Qassem university |
| Abstract Algebra | Math | Qassem university alrass Science | Qassem university |
| Differential Equation | Math | Qassem university alrass Science | Qassem university |
| Partial Differential Equation | Math | Qassem university alrass Science | Qassem university |
| Geometry | Math | Qassem university alrass Science | Qassem university |

**Dr. Omar Hassan Khalil**

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| D:\Omar\صور د عمر\Pictures\صورة عمر.jpg | Professor Assistant  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044114 | | Mobile |  | +966594892995 | | Fax: |  | +96664227484 | | E-Mail: |  | o.khalil@mu.edu.sa | | Office: |  | Room S195 | | Link to Homepage: http://faculty.mu.edu.sa/okhalil | | | |
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| --- |
| Research Interests: |
| Analysis |
| Sampling theory |
| Green's Function |
| Sturm-Liouville Problems |
| Integrodifferential eigenvalue Problems |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1989-1992 | B. Sc. Degree (Mathematics) | Grade “very good “, Faculty of science, Beni-Suef, Cairo University. |
| 1997-2000 | MS. C. Degree (Mathematics) | Faculty of science, Cairo University. |
| 2001-2006 | PhD Degree  (Mathematics ) | Faculty of science, Cairo University. |
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| --- | --- |
| Experience (Teaching Experience) | |
| 1993-2000 | Demonstrator in Mathematics Department, Faculty of Science, Cairo University, Beni-Suef Branch. |
| 2000-2006 | Assistant Lecturer in Mathematics Department, Faculty of Science, Cairo University, Beni-Suef Branch. |
| 2006-2011 | 1. Lecturer in Mathematics Department, Faculty of Science, Cairo University, Beni-Suef Branch from 24-12-2006 to now. 2. Lecturer in Mathematics Department, Faculty of Education, Musrata University, Bani-Walid Branch from 15- 09- 2007 to 06- 03-2011. |
| 2011- | Assistant Professor at Department of Mathematics, Faculty of Science, Majmaahh university, Saudi Arabia till now. |

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| --- | --- |
| International Experience | |
| 2007-2011 | Visiting Lecturer in Mathematics Department, Faculty of Education, Musrata University, Bani-Walid Branch from 15- 09- 2007 to 06- 03-2011. |
| 2011- | Visiting Lecturer in Mathematics Department, Majmaahh university till now. |

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| --- |
| Publication |
| H. Annaby, H. A. Hassan, O. H. El-Haddad, "Perturbed Discrete Sturm-Liouville Problems and Associated Sampling Theorems." *Rockey Mountain J. of Math. Vol. 39, No. 6, 2009*. |
| M. H. Annaby, H. A. Hassan, O. H. El-Haddad, "A Perturbed Whittaker-Kotel'nikov-Shannon Sampling theorem." *J. of Math. Anal. and Appl., Vol. 381, Issue 1, 2011, Pages 64-79*. |
| M. H. Annaby, H. A. Hassan, O. H. El-Haddad, "A sampling theorem in a perturbed Paly-Wiener space." *to appear*. |
| M. H. Annaby, O. H. El-Haddad, "Sampling associated with perturbed Sturm-Liouville problems." *Submitted to publication*. |

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| --- | --- | --- | --- |
| Teaching | | | |
| Calculus I | Math 201 | Zulfi Science | Majmaahh University |
| Mathematical Methods | Math 316 | Zulfi Science | Majmaahh University |
| Mathematics Basis | Math 231 | Zulfi Science | Majmaahh University |
| Calculus II | Math 202 | Zulfi Science | Majmaahh University |
| Complex Analysis | Math 484 | Beni-Suef Science | Egypt |
| Functional Analysis | Math 482 | Beni-Suef Science | Egypt |
| Ordinary Differential Equation | Math 321 | Beni-Suef Science | Egypt |
| Partial Differential Equation | Math 422 | Zulfi Science | Majmaahh University |
| Real Analysis | Math 382 | Beni-Suef Science | Egypt |

**Ass. Prof. Dr. Ahmed Mohamed Elmoasry**

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|  | Assistant Professor  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044018 | | Mobile |  | +966582932237 | | Fax: |  | +96664227484 | | E-Mail: |  | a.zedan@mu.edu.sa | | Office: |  | Room S 139 | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| Research Interests: |
| Topology, Rough sets, Image Processing, Statistics, Probability |
| Language Skills |
| Arabic, English, French, Germany |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1997 | B. Sc. Degree (Mathematics) |  |
| 2003 | M.Sc. Degree (Pure Mathematics Statistics) |  |
| 2010 | Ph.D. Degree (Pure Mathematics Computation based on topology ) |  |
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| --- | --- |
| Career | |
| 1998-2003 | Demonstrator at Department of Mathematics, Aswan faculty of science, Egypt. |
| 2003-2010 | Teaching Assistant at Department of Mathematics, Aswan faculty of science Egypt. |
| 2010-2011 | Assistant Professor at Department of Mathematics, Aswan faculty of science Egypt. |
| 2011- up to now. | Assistant Professor at Department of Mathematics, Faculty of Science, Majmaahh university, KSA. |

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| Short Visits | |
| 2007-2009 | Scholarship to study Ph.D. in International University Bremen, Germany. |
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| Publication |
| A Elmoasry, MS Maswadah, L Linsen [Semi-Automatic Rough Classification of Multichannel Medical Imaging Data](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:J-pR_7NvFogC) 2012 |
| MMK Ahmed Elmoasry [μ -WEAK STRUCTURES](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:L1USKYWJimsC) INDIAN JOURNAL OF APPLIED RESEARCH 4 (1), 351-355 , 2014 |
| MM Khalaf, A Elmoasry [Measure space on Weak Structure](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:1qzjygNMrQYC) IOSR Journal of Mathematics (IOSR-JM) 10 (Issue 1 Ver. I.), PP 54-57 2014 |
| MM Khalaf, A Elmoasry [μ-Weak Structures](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:V3AGJWp-ZtQC) Annals of Fuzzy Mathematics and Informatics 4 (1), 2014 |
| A Elmoasry [Topological view for uncertain probability](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:prdVHNxh-e8C) 2010 |
| A Elmoasry [Bayesian inference on the type II extreme value distribution based on type II progressively censored sample](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:XUvXOeBm_78C), 2010 |
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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Calculus, Deferential Equations, Numerical Analysis, Statistics, Probability, Fortran Language, C++, ICDL. |  |  |  | |

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| Conferences | |
| 2009 [Visualization in Medicine and Life Sciences II](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=FQ5gx2oAAAAJ&citation_for_view=FQ5gx2oAAAAJ:LPtt_HFRSbwC) Bremerhaven, Germany |  |  |
| 2001 Topology Conference Helwan University Egypt |  |  |
| 2003 Topology Conference Tanat University, Egypt |  |  |
| 2005 Topology Conference Tanat University, Egypt |  |  |
| 2007 Topology Conference PortSaid University, Egypt |  |  |
| 2010 Topology Conference BanySweef University, Egypt |  |  |

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| Training Experience |
| University teacher preparation course |
| Effective Teaching Skills |
| Effective communication skills course |
| Code of Ethics course |
| Research Methods course |
| Teaching technology S1 |
| ICDL certificate fourth edition |
| The stimulus on learning course |
| Trends of modern teaching and Calendar |
| Build and develop study plans |
| Education based on problem solving |
| Strategies to integrate technology in teaching |

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| Practical Skills |
| ICDL |
| C++ |
| FORTRAN |
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**Ass. Prof. Dr. Ahmad Abd ALLAH ZEDAN**

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| C:\Users\Guten\Desktop\1331066580.968Photo0001.jpg | Assistant Professor  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044119 | | Mobile |  | +966534718192 | | Fax: |  | +96664227484 | | E-Mail: |  | a.zedan@mu.edu.sa | | Office: |  | Room S195 | | Link to Homepage: http://faculty.mu.edu.sa/azedan | | | |
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| Research Interests: |
| Topology, Rough sets theory, Lattice theory, Formal concepts analysis, Bitopological Spaces |
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| Language Skills |
| Arabic, English , German |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1994-1998 | B. Sc. Degree (Mathematics) | Grade “very good “, Faculty of science, Aswan, South Valley University. |
| 1999-2003 | MS. C. Degree (Mathematics) | Faculty of science, Aswan, South Valley University. |
| 2003-2007 | PhD Degree  (Mathematics ) | Internal part at Faculty of science, Aswan, South Valley University |
| 2007-2010 | External part at Theoretical computer science Siegen University, Germany. |

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| Career | |
| 1999-2003 | Demonstrator at Department of Mathematics, faculty of science, Aswan, South Valley University |
| 2003-2007 | Assistant Lecturer at Department of Mathematics, faculty of science, Aswan, South Valley University |
| 2010-2011 | Lecture at Department of Mathematics, faculty of science, Aswan, South Valley University |
| 2011- | Assistant Professor at Department of Mathematics , Faculty of Science, Majmaahh university , Saudi Arabia |

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| --- | --- |
| Short Visits (International Experience) | |
| 2007-2010 | Visiting Scholar, Theoretical computer science, Siegen , Germany |
| 2011- | Visiting Lecturer for Mathematics Department , Majmaahh university |

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| Publication |
| Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; *“Changes of approximation spaces”,*  the 17 th Conference of Topology and its Application, Raas El-Bar July 27-28(2003). |
| Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; *“Simple expansion of Pawlak approximation space”,* J. Fuzzy Math. 16, No. 4, 821-833(2008). ISSN 1066-8950. |
| Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; *“Local discrete expansion of knowledge base ”,* the 18th Conference of Topology and its Application, Zagazig July 27-28( 2004). |
| Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; *“Supra-approximation space and its expansion* ”, the 19th Conference of Topology and its Application, Tanta August 2( 2005). |
| Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A.; *“ On bi-approximation space”,*Fifth Annual Conference 24-26 March 2007, Cairo university |
| Spreen Dieter, Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A.; *“ Lattices of Topological Spaces and its Expanding”,* The 24th Conference on Topology and its Application(2010) |
| Spreen Dieter, Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A.; *“ Formal Concept Analysis as bitiopological Spaces ”,* Egypt France Mathematics Conference May 3-5, 2010. |

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| Teaching Experience | | | |
| Linear Algebra | Math242 | Zulfi Science | Majmaahh University |
| Topology | Math | Aswan Science | Egypt |
| Mathematics Basis | Math231 | Zulfi Science | Majmaahh University |
| Calculus | Math205 | Zulfi Science | Majmaahh University |
| Real Analysis | Math | Aswan Science | Egypt |
| Abstract Algebra | Math | Aswan Science | Egypt |
| Differential Equation | Math | Aswan Science | Egypt |
| Partial Differential Equation | Math | Aswan Science | Egypt |
| Geometry | Math | Aswan Science | Egypt |

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| Conferences | | |
| Egypt France Mathematics Conference | France Embassy | 2010 |
| Conference on Topology and its Application | Tanta | 2010 |
| Fifth Annual Conference | Cairo | 2007 |

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| Training Experience |
| Training "Effective communication skills " , Aswan University , Egypt |
| Training "Effective teaching skills", Aswan University , Egypt |
| Training "Decision-making and problem-solving", Aswan University , Egypt |
| Training " E- Learning ", Majmaahh University , Saudi Arabia |
| Training " The culture of E-learning" Majmaahh University , Saudi Arabia |
| Training " The Skills of E-learning" Majmaahh University , Saudi Arabia |

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| Practical Skills |
| ICDL(International Computer Driving License ) |
| Zertifikat Deutsch (Goethe –Zertifikat G3) |
| Latex Writing , Web Design , Dream weaver |
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**Ass. Dr. Mohamed Ahmad Ibrahim Attia**

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| F:\moh\deskkkk\mmm.jpg | Professor Assistant  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044132 | | Mobile |  | +966507257861 | | Fax: |  | +96664227484 | | E-Mail: |  | ma.attia@mu.edu.sa | | Office: |  | Room S207 | | Link to Homepage: http://faculty.mu.edu.sa/maattia | | | |
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| Research Interests: |
| Numerical Analysis |
| Operation Research |
| Partial Differential Equation |
| Special Functions |
| Language Skills |
| Arabic (mother language). |
| English Very Good. |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1989-1993 | B. Sc. Degree (Mathematics) | Grade “very good “, Faculty of science, Qena, Assiut University. |
| 1996-2005 | MS. C. Degree (Mathematics) | Faculty of science, Qena, South Valley University. Title of the Thesis “Spectral/Spline Collocation Methods for the Solutions of Some Partial Differential Equations (PDEs)” |
| 2005-2009 | PhD Degree  (Mathematics ) | Faculty of science, Qena, South Valley University. Title of the Thesis “Ultraspherical Approximations and Their Applications for Solving Optimal Control Problems” |
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| Career | |
| 1996-2005 | Demonstrator at Department of Mathematics, faculty of science, Qena, South Valley University |
| 2005-2009 | Assistant Lecturer at Department of Mathematics, faculty of science, Qena, South Valley University |
| 209-2013 | Lecture at Department of Mathematics, faculty of science, Qena, South Valley University |
| 2013- | Assistant Professor at Department of Mathematics , Faculty of Science, Majmaahh university , Saudi Arabia |

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| Short Visits | |
| 2011- | Visiting Lecturer for Mathematics Department , Majmaahh university |

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| Publication |
| M. El-Kady, H. S. Hussien and M. Ibrahim; “Ultraspherical Spectral Integration Method for Solving Linear Integro-Differential Equations “, International Journal of Applied Mathematics and Computer Sciences, Vol. 5, No. 1, pp 25-32, (2009). |
| M. El-Kady and M. Ibrahim; “Ultraspherical Spectral Differentiation Method for Solving System of Initial Value Differential Algebraic Equations”; Computational Methods in Applied Mathematics (CMAM) (2009). |
| M. El-Kady and M. Ibrahim; “Application of Ultraspherical Series for Solving Quadratic Optimal Control Problems”; 22nd International conference on Topology and Its Applications, Helwan, 7-8 July 2008. |
| M. El-Kady ,M. Ibrahim and F. Ragab; “Ultraspherical Integration Method for Solving Beam Bending Boundary Value Problem”; Journal of Engineering and Applied Sciences – JEAS, ISSN: 1658-6638 |
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| Teaching Experience | | | |
| Numerical Analysis | Math351 | Zulfi Science | Majmaahh University |
| Operation Research | Math | Qena Science | Egypt |
| Partial Differential Equation | Math | Qena Science | Egypt |
| Calculus | Math112 | Zulfi Science | Majmaahh University |
| Advanced Calculus | Math | Qena Science | Egypt |
| Matlab | Math | Qena Science | Egypt |
| Differential Equation | Math | Zulfi Science | Majmaahh University |
| Computer Mathematics | Math | Qena Science | Egypt |
| computational numerical analysis | Math450 | Zulfi Science | Majmaahh University |
| Fortran language | Math | Qena Science | Egypt |
| Introduction to the Mathematics | Math110 | Zulfi College of Business dministration | Majmaahh University |

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| Conferences | | |
| 22nd International conference on Topology and Its Applications | Helwan Science | 2008 |
| 2nd International Conference on Computer Science Innovation & Technology (CCSIT 2013). | Alexandria Science | 2013 |

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| Training Experience |
| Training " Research Methods " , South Valley University, Egypt |
| Training "Effective teaching skills", South Valley University, Egypt |
| Training "Decision-making and problem-solving", South Valley University Egypt |
| Training " E- Learning ", Majmaahh University , Saudi Arabia |
| Training " Build and developing study plans" Majmaahh University , Saudi Arabia |

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| Practical Skills |
| ICDL (International Computer Driving License), 2006 |
| Managerial Expertis |
| Manager of Establishing and Implementing Electronic Portal of South Valley University. , Egypt |
| Trainer at the center of ICDL Computer, South Valley University, Egypt |
| Board Member of Mubarak Center for Consulting and Training |
| Trainer at Pathways to Higher Education,, South Valley University, Egypt |
|  |
| Programming |
| Basic, Fortran, some Visual Basic, Matlab, Mathematica |

**Ass. Prof. Dr. Abd El-Nasser Ghareeb Abd El-Rahman**

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|  | Professor Assistant  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  |  | | Mobile |  | +966533937500 | | Fax: |  | +96664227484 | | E-Mail: |  | a.abdelrahman@mu.edu.sa | | Office: |  | Room S207 | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| Research Interests: |
| General topology |
| Fuzzy Topology |
| Application of Topology |
| Fuzzy Mathematics |
| Fuzzy Algebra |

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| Qualification (Career and University Education) | | |
| 2001 | B. Sc. Degree (Mathematics) | South Valley University, Egypt. |
| 2007 | MS. C. Degree (Mathematics - Topology) | South Valley University, Egypt. |
| 2009 | PhD Degree  (Mathematics- Topology) | South Valley University, Egypt. |
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| --- | --- |
| Experience (Teaching Experience) | |
| 2001 | Demonstrator at Department of Mathematics, faculty of science in Qena, South Valley University, Egypt. |
| 2007 | Assistant Lecturer at Department of Mathematics, faculty of science in Qena, South Valley University, Egypt. |
| 2009 | Lecture at Department of Mathematics, faculty of science in Qena, South Valley University, Egypt. |
| 2012 | Assistant Professor at Department of Mathematics , Faculty of Science, Majmaahh university , Saudi Arabia |

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| International Experience | | |
| Editor in: |  | |
| (1) Journal of Advanced Research in Pure Mathematics. | |  |

(2) Journal of Advanced Studies in Topology.

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| Publication |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   -Fuzzy -closed spaces. International journal of fuzzy logic and intelligent systems.  6(3) (2006):  255-263. |
| 1. A. M. Zahran, M. Azab Abd-Allah and A. Ghareeb. Notions of openness and closedness for maps between -fuzzy closure spaces. Hacettepe journal of mathematics and statistics. 35(2) (2006): 161-172. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Alla](javascript:visitAuthor(%22M_Azab%20Abd_Alla%22))h and A. Ghareeb.   Fuzzy weakly preopen (preclosed) function in Kubiak–Šostak fuzzy topological spaces. Chaos, solitons & fractals.  39 (2009): 1158-1168. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   Double  fuzzy preproximity spaces.   International journal of fuzzy logic and intelligent systems.  7(4) (2007):  249-255. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)). Sum intuitionistic fuzzy closure spaces. Punjab university journal of mathematics.  40 (2008):  71-81. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   An -derived sets and double fuzzy closure operators. International journal of fuzzy logic and intelligent systems.  8(1) (2008): 6-10. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   Category of double fuzzy preproximity spaces. International journal computers and mathematics with applications.  58(8) (2009):  1558-1572. |
| 1. [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   -Fuzzy -open sets and -fuzzy -closed spaces. Chaos, solitons & fractals.  42(3) (2009).  649-656. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   Double fuzzy semi-topogenous structure. Journal of fuzzy mathematics.  18(2) (2010). 1-16 |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).   Several types of double fuzzy irresolute functions. International journal of computational cognition.   8(2) (2010):  19-23. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [M. Azab Abd-Allah](javascript:visitAuthor(%22M_Azab_Abd-Allah%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).  A note in -double gradation fuzzy topological and closure spaces. Journal of fuzzy systems and mathematics.  24(3) (2010): 53-61. |
| 1. [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).  Several types of -fuzzy compactness defined by an -fuzzy regular semi open sets. Annals of fuzzy mathematics and informatics. 3(1) (2012): 159-169. |
| 1. M. Azab Abd-Allah and A. Ghareeb. Multi-intuitionistic fuzzy sets and intuitionistic fuzzy systems. International journal of fuzzy logic and intelligent systems. 8(4) (2008): 284-287. |
| 1. M. Azab Abd-Allah and A. Ghareeb. Rough intuitionistic fuzzy subgroup. Chaos, solitons & fractals. 42(2) (2009): 2145-2153. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)). Normality of double fuzzy topological spaces. Applied mathematical letters. 24(4) (2011): 533-540. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)). A new form of -compactness in -fuzzy topological spaces. Mathematical and computer modeling. 54 (2011): 2544–2550. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)), [A. H. Zakari](javascript:visitAuthor(%22A_H_Zakari%22)). -Compactness in -topological spaces. Kragujevac journal of mathematics. 35(1) (2011): 25-37. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)). L-Fuzzy semi-preopen operator in -fuzzy topological spaces. Neural computing and applications. 21 (2011): 87-92. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)). Preconnectedness degree of -fuzzy topological spaces. International journal of fuzzy logic and intelligent systems 11(1) (2012): 54-58. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).  Hutton -Double uniform spaces. Neural computing and applications. 21 (2012): 181-189. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).  A  General framework of compactness in -topological spaces.   Hacettepe journal of mathematics and statistics. 41 (1) (2012): 67–75. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)) and [T. Noiri](javascript:visitAuthor(%22T_Noiri%22)) .   -Generalized closed sets in bitopological spaces.   Journal of the Egyptian mathematical society. 19 (3)(2012): 142–145 |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)), [Kamal El-Saady](javascript:visitAuthor(%22Kamal_El-Saady%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)). Modification of weak structures via hereditary classes.   Applied mathematics letters. 25(5) (2012): 869-872. |
| 1. [A. M. Zahran](javascript:visitAuthor(%22A_M_Zahran%22)) and [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)).  Fuzzy Cs-closed spaces.   Annals of fuzzy mathematics and informatics. 3(1) (2012): 1-8. |
| 1. A. Ghareeb. Weak forms of continuity in -double gradation fuzzy topological spaces. Springer Plus. (2012): 1-19. |
| 1. [A. Ghareeb](javascript:visitAuthor(%22A_Ghareeb%22)) and [T Noiri](javascript:visitAuthor(%22T_Noiri%22)).  -Generalized closed sets with respect to an ideal bitopological space.  Afrika matematika. 24 (2013): 97–101. |
| 1. Kamal El-Saady and A. Ghareeb. Net-convergence and weak separation axioms in -fuzzy topological molecular lattices. Journal of the Egyptian mathematical society. 21 (2013): 305–310. |
| 1. A. Ghareeb. Weakly semi-preopen and semi-preclosed functions in L-fuzzy topological spaces. Soft computing. 17(5) (2013): 725-731. |
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| 1. A. M. Zahran, A. K. Musa and A. Ghareeb. Generalized closed sets and some separation axioms on weak structure. Hacettepe Journal of Mathematics and Statistics. (2014). |
| 1. [Fatimah. M. Mohammed](http://scitation.aip.org/search;jsessionid=qy1oem6chv61.x-aip-live-06?value1=Fatimah.+M.+Mohammed&option1=author&noRedirect=true), [M. S. M. Noorani](http://scitation.aip.org/search;jsessionid=qy1oem6chv61.x-aip-live-06?value1=M.+S.+M.+Noorani&option1=author&noRedirect=true) and [A. Ghareeb](http://scitation.aip.org/search;jsessionid=qy1oem6chv61.x-aip-live-06?value1=A.+Ghareeb&option1=author&noRedirect=true). Slightly double fuzzy continuous functions. Journal of Egyptian Mathematical Society. (2014). |
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| Teaching | | | |
| Topology |  |  |  |
| Differential Geometry |  |  | Real Analysis I |
| Differential Equations for physics |  |  |  |
| Calculus I |  |  |  |
| Calculus II |  |  |  |
| Preparatory Year Mathematics |  |  |  |

**Lecturer. Kamal Nazmi Nimer**

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| F:\ايميلات\Picture 026.jpg | Lecturer  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box  Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044115 | | Mobile |  | +966507259630 | | Fax: |  | +966164044044 | | E-Mail: |  | [k.nimer@mu.edu.sa](mailto:k.nimer@mu.edu.sa) | | Office: |  | Room S 197 | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| Research Interests: |
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| Language Skills |
| Arabic - English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1981 - 1985 | B. Sc. Degree (Mathematics) | Department of Mathematics-Faculty of science – Karachi University - Pakistan |
| 1985 - 1987 | MS. C. Degree (Mathematics) | Department of Mathematics-Faculty of science – Karachi University - Pakistan |
|  | PhD Degree  (Mathematics ) |  |
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| --- | --- |
| Career | |
| 1995 - 2002 | Lecturer at Queen alia college - Jordan |
| 2001 - 2006 | Lecturer at Department of Mathematics, faculty of science - Philadelphia University-Jordan |
| 2004 - 2007 | Lecturer at, Faculty of Economy and Administrative Sciences - Zarqa Private university-Jordan |
| 2005 - 2007 | Lecturer at, Faculty of Economics and Administrative Sciences- The Hashemite University-Jordan |

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| --- | --- | --- | --- | --- | --- | --- |
| Short Visits | | | | | | |
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| Publication | | | | | | |
|  | | | | | | |
| Teaching Experience | | | | | | | |
| Calculus 1, Calculus 2 , Calculus 3 | | |  | faculty of science | | Philadelphia University | |
| Differential equations | | |  |  | |  | |
| Introduction to statistics - Mathematics of Economics and Business Administration | | |  | Faculty of Economy and Administrative Sciences | | Zarqa Private university-Jordan | |
| Operation research | | |  | Faculty of Economics and Administrative Sciences | | The Hashemite University-Jordan | |
| Calculus 1, Calculus 2, Differential equations, Introduction to statistics | | |  | Zulfi Science | | Majmaah University | |
| Linear Algebra and Analytical Geometry, Mathematics of Economics ,Introduction to Mathematics | | |  |  | |  | |
| Conferences | | | | | | |
|  | |  | | |  | |
| Training Experience | | | | | | |
| Training " E- Learning ", Majmaah University , Saudi Arabia | | | | | | |
| Smart interactive whiteboards ",Majmaah University" | | | | | | |
| Perceptions about the typical lecture ",Majmaah University" | | | | | | |
| Improving the quality of education by using codified models for the evaluation | | | | | | |
| Practical Skills | | | | | | |
| Using smart board in teaching | | | | | | |
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**Lecturer: Mohammed Omer Mahgoub Mohammed**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1330969658 | Lecturer  Mathematics Department Faculty of Science, Zulfi  Majmaahh university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044116 | | Mobile |  | +966508993473 | | Fax: |  | +96664227484 | | E-Mail: |  | a @mu.edu.sa | | Office: |  | Room S | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| Research Interests: |
| Fluid dynamics, Dynamical systems and Bifurcation control. |
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| Language Skills |
| English , German and Arabic as mother language. |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1994 - 1999 | B. Sc. Degree (Mathematics) | Sudan university for science and technology. |
| 2004 - 2006 | MS. C. Degree (Applied Mathematics) | Alneelain University |
| 2013 - present | PhD Student  (Applied Mathematics ) | Alneelain University |
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| Career | |
|  | Demonstrator at Department of Information technology, faculty of computer science |
|  | Assistant Lecturer at Department of Mathematics, faculty of science |
|  | Lecture at Department of Mathematics, faculty of science – Zulfi , Majmaah university. |
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| Short Visits | |
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| Publication |
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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Statistics I | STAT 101 | College of Computer Sciences | Technology Sciences University - Sudan |
| Basic Mathematics | Math 102 | College of Education | Arab Open University  K SA |
| Vector Calculus | Math 204 | College of Science | Majmaah University |
| Multi-variable Calculus | Math 203 | College of Science | Majmaah University |
| Introduction to Mathematics I | PMTH 111 | College of Science | Majmaah University |
| Introduction to Mathematics II | PMTH 127 | College of Science | Majmaah University |
| Differential Equations | Mat 204 | College of Science | Majmaah University |
| Multi-variable Calculus for Physics | Math 205 | College of Science | Majmaah University |
| Computer Mathematical Applications | Math 353 | College of Science | Majmaah University |
| Topics in Applied Mathematics | Math 411 | College of Science | Majmaah University |
| Introduction to Integral Calculus | Mat 102 | College of Science | Majmaah University |
| Introduction to Analytic Geometry | Math 273 | College of Science | Majmaah University |

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| Conferences | | |
| International Conference in Computer and Information Technology | Tayibah University – Madinah  KSA | 2012 |
| Scientific specializations in New-established Universities | Majmaah University - KSA | 2013 |
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| Training Experience |
| Training “ programs and Courses specifications and reports “ Majmaah University KSA. |
| Training “ using the virtual classrooms in teaching “Majmaah University KSA. |
| Workshop “ integrating technology in education strategies “Majmaah University KSA. |
| Training “ using the electronic platforms in teaching “Majmaah University KSA. |
| Workshop “ developing of students evaluation methods “Majmaah University KSA. |
| Training “ Cooperative Learning “Majmaah University KSA. |

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| Practical Skills |
| Computer Knowledge and web skills. |
| German language Diploma |
| Mathematical software expert [ MATLAB , MATHEMATICA and MAPLE ] . |

**Scholarship Names**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Rink | Field | Position Study | E-mail |
|  | **Mansour Elhabardi** | **Lecture** | **Mathematics** | **England** | [m.alhabradi@mu.edu.sa](mailto:m.alhabradi@mu.edu.sa) |
|  | **Mohamed Elbadah** | **Admisrator** | **Mathematics** | **Canada** | @mu.edu.sa |
|  | **Ahmed Elanzei** | **Admnstrator** | **Mathematics** | **USA** | @mu.edu.sa |

**Administrator Names**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Rink | Field | Position Study | E-mail |
|  | **Majed Elowaid** | **Administrator** | **Mathematics** |  | m.alouaid@mu.edu.sa |
|  | **Abdulrzag Aldweesh** | **Administrator** | **Mathematics** |  | [as.aldweesh@mu.edu.sa](mailto:as.aldweesh@mu.edu.sa) |
|  | **Nader Alhabradi** | **Administrator** | **Mathematics** |  | [n.alhabradi@mu.edu.sa](mailto:n.alhabradi@mu.edu.sa) |

**Technician Names**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | Rink | | Field | work | E-mail |
|  | **Ahmed Alwazzan** | **B. Sc.** | **Mathematics** | | **Zulfi College** | a.alwazzan@mu.edu.sa |

**Secretary Names**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Rink | Field | Position Study | E-mail |
|  | **Yasser** | **Administrator** | **Physics** |  | m.alouaid@mu.edu.sa |
|  | **Abdulrzag Aldweesh** | **Administrator** | **Physics** |  | [as.aldweesh@mu.edu.sa](mailto:as.aldweesh@mu.edu.sa) |
|  | **Nader Alhabradi** | **Administrator** | **Physics** |  | [n.alhabradi@mu.edu.sa](mailto:n.alhabradi@mu.edu.sa) |

# STATISTICS INFORMATION for Mathematics Program

|  |  |  |  |
| --- | --- | --- | --- |
| Saudi | Non-Saudi | Number | Occupation |
| - | 3 | 3 | Professor |
|  | 2 | 2 | Associate Professor |
| - | 10 | 10 | Assistant professor |
| 2 | 2 | 4 | Lecturer |
| 3 | - | 3 | Demonstrator |
| 4 | - | 4 | Scholarship |
| 9 | 17 |  | Total |

Illustration shows the percentage of Saudi to non-Saudis to the functional framework

Illustration shows the overall non-Saudi Arabia

The proportion of non-Saudi Arabia 34.6%

Illustration shows the ratio of faculty staff to students

The Ratio is 1: 14.

**Curriculum Vitae of Physics Department Members**

1434/1435

2013/2014

# Curriculum Vitae of Physics Department Members

**Dr. Thamer Alharbi**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Assistant Professor  Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +9666404 | | Mobile |  | +966555607999 | | Fax: |  | +9666164227484 | | E-Mail: |  | t.alharbi@mu.edu.sa | | Office: |  | Room S131 | | Link to Homepage: <http://faculty.mu.edu.sa/talharbi/> | | | |
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| --- |
| Research Interests: |
| Radiation Detectors |
| Nuclear accelerators |
| Half-lives of excited states |
| Language Skills |
| Arabic, English |

|  |  |  |
| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 2006 | B. Sc. Degree | Qassim University, Kingdom of Saudi Arabia |
| 2009 | M.Sc. Degree | Surrey University, England |
| 2013 | Ph.D Degree | Surrey University, England |
|  |  |

|  |  |
| --- | --- |
| Career | |
| 2013-Present | Assistant Professor at Department of Physics , College of Science, Majmaah University , Saudi Arabia |
| 2013-Present | Head of Physics Department , College of Science, Majmaah University , Saudi Arabia |
| 2013- Present | Vice Dean of scientific research and postgraduate studies |

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| --- |
| Publication |
| 1. Gamma-ray Fast-Timing Coincidence Measurements from the 18O+18O Fusion-Evaporation Reaction Using a Mixed LaBr3-HPGe Array; Applied Radiation and Isotopes, Volume 70, Issue 7, July 2012, 1337-1339. |
|  |
| 1. Electromagnetic transition rates in the N=80 nucleus 138Ce; Phys. Rev. C. 87, 014323, (2013). |
|  |
| 1. Electromagnetic Transition Rate measurements in the N=80 Isotone, 138Ce; J. Phys.: Conf. Ser. 381, 012057 (2012) |
|  |
| 1. Half-life of the I=4- Intruder State in 34P:M2 Transition Strengths Approaching the Island of Inversion; Phys. Rev. C 85, 064303 (2012). |
|  |
| 1. Half-life of the I= 4- Intruder State in 34P Using LaBr3: (Ce) Fast Timing; Phys.: Conf. Ser. 381 012063 (2012). |
| 1. Half-life of the 7Li-induced reactions for fast-timing with LaBr3: Ce detectors; AIP Conf. Proc. 1491, pp 93-96 (2012). |
| 1. Half-life of the yrast 2+ state in 188W: Evolution of deformation and collectivity in neutron-rich tungsten isotopes, Phys. Rev. C. 88, 044301 (2013) |
| 1. Half-life Measurements of Excited states in 132Te and 134Xe, Acta Physica Polonica   B Vol. 44 (2013)*.* |
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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Nuclear Physics I | Phys. 481 | Majmaah University |  |

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| --- | --- | --- | --- |
| Conferences | | | |
| IOP Nuclear Physics | | England | 19/ 4/ 2010 |
| Nuclear Isomers: Structure and Applications | England | | 21/5/2010 |
| Nuclear Physics | Poland | | 6/9/2010 |
| Nuclear Structure Challenges with Radioactive Beams | Turkey | | 14/9/2010 |
| PRESPEC Decay Physics | England | | 12/1/2011 |
| Nuclear and Particle Physics Divisional | England | | 7/4/2011 |
| IRRMA-8 Industrial Radiation and Radioisotope Measurement Applications | USA | | 26/6/2011 |

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| --- |
| Practical Skills |
| Microsoft Office |
|  |
| Latex Writing |
|  |

**Prof. Dr. Abdul MAJID Abdul Majeed**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Majid-8-2011-a* | Professor  Department of Physics  Faculty of Science,  Al-Zulfi - 11932  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Al-Zulfi-11932 Saudi Arabia | Mailing Address: P.O. Box 1712 Al-Zulfi-11932 Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044129 | | Mobile |  | +966592831689 | | Fax: |  | +96664227484 | | E-Mail: |  | a.abdulmajid@mu.edu.sa | | Office: |  | Room S168 | | Link to Homepage: http://faculty.aabdulmajid.mu.edu.sa/ | | | |
|  |  |
| Research Interests: | |
| Nanostructure synthesis and Characterization | |
| Nanostructured device fabrication and Characterization | |
| Semiconductor materials and devices (3rd Generation Solar Cells) | |

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| --- |
| Language Skills |
| English (R,W,S), Urdu (R,W,S), Punjabi (R,W,S) and Arabic (R,W) |

|  |  |  |
| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1983 | B. Sc. Degree  (Physics, Pure Mathematics, Applied Mathematics) | University of Punjab, Lahore. Pakistan |
| 1986 | M.Sc. Degree  (Physics) | University of Peshawar, Peshawar, Pakistan. |
| 2006 | PhD Degree  (Semiconductor Physics) | Quaid-i-Azam University, Islamabad, Pakistan  Title:***Study of Deep Levels Associated with some Heavy Transition-Metals in MOCVD GaAs***.  Supervisor: **Dr. M. Zafar Iqbal** (Meritorious Professor). |
| 2009 | Post Doctorate (*Nanotechanology,)* | Department of Electronic Materials Engineering (EME), Research School of Physical Sciences and Engineering (RSPhysSE), Australian National University (ANU), Canberra ACT-0200, Australia  Title: ***Experimental Study of Quantum Structured Optoelectronic Devices: Intermediate Band Solar Cells***  Supervisor: Professor **Chennupati Jagadish**  (Federation Fellow) |

|  |  |
| --- | --- |
| **Career** | |
| |  |  | | --- | --- | | Full-time Faculty Member |  | | Mar. 26, 2013 – Continue | *Professor,*  Departmentof Physics, Majmaah University, College of Science, Alzulfi, Saudi Arabia | | May 30, 2007 – Mar. 25, 2013  (Conti…..On Ex-Pakistan Leave) | *Professor (BPS-21)* Departmentof Physics,  University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan | | Jun 24, 2008 – Mar. 26, 2009 | *Visiting Fellow* (Academic) at Australian National University Canberra, Australia. (Post Doctoral Fellowship awarded by Higher Education Commission (HEC) of Pakistan, | | Feb. 10, 2007 - May 29, 2007 | *Professor (BPS-20)*  Departmentof Physics,  University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan | | Aug. 12, 2004 – Feb. 09 2007 | *Associate Professor*  Departmentof Physics,  University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan | | Feb. 12, 1994 – Aug. 11, 2004 | *Assistant Professor*  Departmentof Physics,  University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan | | Sep. 21, 1987 – Feb. 11, 1994 | *Lecturer in Physics*  Departmentof Physics,  University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan | | |
| |  | | --- | | Experience Administrative (Extra-Responsibilities) | | Jan. 01, 2009– Mar. 25, 2014 **Chairman,** Department of Physics, University of AJ&K | | Oct. 01, 2009 – Mar. 25, 2014 **Director,** High-tech centralized instrumental Lab. | | Jun. 01, 2009– Mar. 25, 2014 **Incharge/Supervisor,** Nanotechnology/Semiconductor Physics Lab, Department of Physics, University of AJ&K | | Oct. 31, 2006 – Jun 24, 2008 **Additional Controller of Examinations** | | Aug. 15, 2005 – Sept 10, 2012 **Member,** University Affiliation Committee | | Aug. 01, 2005 – Oct. 8, 2005 **Chairman,** University Technical Committee: Equipment | | Aug. 08, 2004– Oct. 8, 2005 **Chairman,** University (AJ&K) Web Site Developer |   **Short Visits** | |
| Jul. 09-16, 2011 | **Scanning Electron Microscope:** Jeol JSM-6510LV/JSM-6610LV, One week Training at Jeol Instruments Ltd. Tokyo, Japan |
|  |  |

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| --- |
| Publication |
| 2014 M. Fakhar-e-Alam, Shubana Rahim, M. Atif, M. Hammad Aziz, M. Imran Malick, S. S. Z. Zaidi, R. Suleman, Abdul Majid, *ZnO Nanoparticles as Drug Delivery Agent for Photodynamic Therapy,* Laser Phys. Lett. 11, 025601 |
| 2014 Sajad Hussain, Chuanbao Cao, Waheed S. Khan, Ghulam Nabi, Zahid Usman, Abdul Majid, Thamer Alharbi, Zulfiqar Ali, Faheem K Butt, Muhammad Tahir, Muhammad Tanveer, and Faryal Idress, "*Cu2O/TiO2 nanoporousthin-filmheterojunctions: Fabrication and electricalcharacterization*" Materials Science in Semiconductor Processing (*Available online 28 November 2013)* <http://dx.doi.org/10.1016/j.mssp.2013.11.018> |
| 2012 Nasar Ahmed, A. Majid, M. Rashid, B. Shakeela, Z. Aziz, Ayaz. Arif Khan, M. A. Khan, Naghma Haider and R. H. Siddiqui, *Growth of Zn/ZnO core/shell system supported by indented sites*, (manuscript: submitted to Nano Research Letters) |
| 2011 Muhammad Rafique, Matiullah, Saeed Ur Rahman, Said Rahman, Muhammad Ikram Shahzad, Bushra Azam, Ishfaq Ahmed, Abdul Majid & Muhammad Iqbal Siddique - *Assessment of indoor radon doses received by the dwellers of Balakot – NWFP, Pakistan: a pilot study,* Carpathian Journal of Earth and Environmental Sciences, 6, 133-140. |
| 2010 A. Majid, C. Jagadish, L. Fu and H. Tan, *MOCVD grown Quantum Dot-in-a-Well Solar Cells,* Key Engineering Materials, 442, p-398-403, Trans Tech Publications, Switzerland. |
| 2009 Nazir A. Naz, Umar S. Quarashi, A. Majid and M. Zafar Iqbal, *Ruthenium related deep-level defects in n-type GaAs,* Physica B, 404, 4956. |
| 2008 M. Zafar Iqbal, A. Majid, Nazir A. Naz and Umar S. Qurashi, *4d transition-metal impurity rhodium in GaAs grown by metal-organic chemical vapor deposition*, J. Appl. Phys., 104, 113708. |
| 2008 L. Fu, A. Majid, G. Jolley, S. Mokkopati, H. H. Tan, and C. Jagadish, *Application of self-assembled quantum dots for optoelectronic devices,* Australia Japan Nanophotonics Workshop ANU, Canberra, December 09-10. |
| 2008 Khizar-ul-Haq, M. A. Khan, U.S.Qurashi and Abdul Majid, *Interaction of alpha radiation with iron doped n-type silicon,* Microelectronics Journal 39, 797. |
| 2007 Nazir A. Naz, Umar S. Qurashi, Abdul Majid, M. Zafar Iqbal, *Doubly-charged state of EL2 defect in MOCVD grown Gas*, Physica B, 401, 250. |
| 2007 Suleman Khan, Naseer Ahmed, Akhlaq Ahmad KhanAmanullah Khan and A. Majid, *Lie Group Analysis of a linear Nonholonomic Dynamical System,* Sci. Int. 19, 83. |
| 2007 Abdul Majid, *Efficient Low Level Signal Measuring Instrument Lock-In Amplifier,* Sci. Echo, 15 July. |
| 2006 M. Zafar Iqbal, A. Majid, A. Dadgar and D. Bimberg, *Electric-field-enhanced thermal emission from osmium-related deep level in n-GaAs,* Advances in Science and Technology Vol. 46 pp. 73, Trans Tech Publications, Switzerland. |
| 2005 A. Majid, M. Zafar Iqbal, A. Dadgar and D. Bimberg, *Osmium Related Deep Levels in MOCVD Grown GaAs,* J. Appl. Phys., 98, 083709. |
| 2005 M. Zafar Iqbal, A. Majid*,* A. Dadgar and D. Bimberg, *Deep Levels in Osmium Doped p-type GaAs Grown by Metal-organic Chemical Vapor Deposition,* 27th International Conference on the Physics of Semiconductors,, Arizona, USA. AIP Conf. Proc. 772, 147. |
| 2005 A. Majid, M. Zafar Iqbal, A. Dadgar and D. Bimberg, *Deep Levels in Ruthenium Doped p-type MOCVD GaAs*, 27th International Conference on the Physics of Semiconductors, Arizona, AIP Conf. Proc. 772, 143. |
| 2003 A. Majid, M. Zafar Iqbal, A. Dadgar and D. Bimberg, *Deep Levels in Rhodium-Doped p-type MOCVD GaAs*, Physica B, 340, 362. |
| 2003 M. Zafar Iqbal, A. Majid, A. Dadgar and D. Bimberg, *Osmium Related Deep Levels in n-type GaAs,* Physica B, 340, 358. |
| 2003 A. Majid, M. Zafar Iqbal, Shah Haidar Khan, Akbar Ali, Nasim Zafar, A. Dadgar and D. Bimberg., *Characteristics of Deep Levels Associated with Rhodium Impurity in type GaAs,* J. Appl. Phys., 94, 3115. |
| 2001 M. Zafar Iqbal, A. Majid, Shah Haidar Khan, Akbar Ali, Nasim Zafar, A. Dadgar and D. Bimberg., *Rhodium Related Deep Levels in n-type MOCVD GaAs.,* Physica B, 308, p816-819. |
| 1999 M. Zafar Iqbal, U. S. Qurashi, A. Majid, Aurangzab Khan, Nasim Zafar, A. Dadgar and D. Bimberg., *Deep Levels Associated with Alpha Irradiation of n-type MOCVD InP*, Physica B, 273, 839. |
| 1997 A. Majid, A. Hussain and M. A. R. Khan, *Determination of Optical Constant and Thickness of Zn0.9Cd0.1S Thin Films*, Kashmir Res. J. N. Sci., Vol 1 (1), 27. |
| 1997 A. Majid and G. A Khan, *A Proposed Automated Computerized Hall Profiling System for Characterization of Semiconductor Materials*, Kashmir Res. J. N. Sci., Vol 1 (2), 87. |
| xxxx Abdul Majid, *Effect of lambda correct electric field on emission rates of osmium related deep level in n-type Gas* (Manuscript ready for submission). |
| xxxx A.Majid, C. Jagadish, L. Fu. and H. Tan, *Luminescence behaviour of MOCVD grown 10 layers Quantum Dot and quantum Well in GaAs,* (to be submitted in Physica Status Solidi - Rapid Research Letters) |
| xxxx A.Majid, L. Fu. H. Tan and C. Jagadish, *Comparison of MOCVD grown AlGaAs and InGaAs Dot-in-a-Well Intermediate Band Solar Cells,* (manuscript in process for Applied Physics Letters) |

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| Conference Presentations |
| Nov. 07-11, 2010 Fu, L.  Jolley, G.  Lu, H.F.  Majid, A.  Tan, H.H.  Jagadish, C.,***Temperature effect on device characteristics of InGaAs/GaAs quantum dot solar cell***, 23rd Annual Meeting of the IEEE Photonics Society, 2010, Denver, CO,. |
| Dec. 14-16, 2009 Fu, L.  Jolley, G.  Mokkapati, S.  Majid, A.  Lu, H.F.  Tan, H.H.  Jagadish, C. ***III–V quantum dots for optoelectronic device applications,*** International Conference on Computers and Devices for Communication, 2009 (CODEC 2009). Kolkata Print ISBN: 978-1-4244-5073-2 INSPEC Accession Number: 11136798, Date of Current Version: 05 February 2010. |
| Dec. 09–11, 2009 L. Fu, G. Jolley, A. Majid, S. Mokkapti, H. H. Tan, and C. Jagadish, ***Application of self-assembled quantum dots for optoelectronic devices***, International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2009) Guwahati, Assam (India),. |
| Jun. 26-31, 2002 **A. Majid,** M. Zafar Iqbal, Akbar and Ali, ***A Hole Emitting Metastable Defect in n-type GaAs****,* presented at 27th International Nathiagali Summer College; Nathiagali, NWFP, Pakistan. |
| Jun. 26-31, 2002. **A. Majid**, M. Zafar Iqbal, Akbar and Ali ***Extended Defect of Rhodium in MOCVD Grown n-GaAs***, presented at 27th International Nathiagali Summer College; Nathiagali, NWFP, Pakistan. |
| Jul. 02- 08, 2001 **A. Majid**, M. Zafar Iqbal and Akbar Ali, ***Investigation of Rhodium Related Deep Levels in MOCVD Grown n-GaAs,*** presented at 26thInternational Nathiagali Summer College; Nathiagali, NWFP, Pakistan. |
| Nov. 20-22, 2000. **A. Majid**, S. H. Khan, M. Zafar Iqbal and Akbar Ali, ***Deep Level Transient Spectroscopy of Rhodium Doped n-GaAs*,** presented at 8th National Symposium on “Frontiers in Physics”, Govt. College University, Lahore. |
| Nov. 20-22, 2000 S. H. Khan, **A. Majid**, M. Zafar Iqbal and Akbar Ali, ***Field Effect on Thermal Electron Emission from Rhodium in n-GaAs****,* presented at 8th National Symposium on “Frontiers in Physics”, Govt. College University, Lahore. |

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| Teaching Experience | | | |
| **Semiconductors** | PHYS473 | BS Physics | **Majmaah University, College of Science, Al-Zulfi, Saudi Arabia.** |
| **Solid State Physics** | PHYS471 | BS Physics | **Majmaah University, College of Science, Al-Zulfi, Saudi Arabia.** |
| **Method of Mathematical Physics** | PHYS203 | BS Physics | **Majmaah University, College of Science, Al-Zulfi, Saudi Arabia.** |
| **Solid State Physics** | PHY-5602 | M.Sc. Physics. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Physics Lab-VI: Solid State Physics** | PHY-5606 | M.Sc. Physics. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Elective Advance Course-I: :(Solid State Physics): Band Theory of Solids** | PHY-636 | M.Sc. Physics. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Elective Advance Course-II :(Solid State Physics) Dielectric and Magnetics properties of Solids** | PHY-646 | M.Sc. Physics. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Elective Advance Course-Composite**  **Advance topics in Solid State Physics (Research Students)** |  | M.Sc. Physics. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Physics of Semiconductors** | PHY-7105 | M.Phil./Ph.D. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Physics of Semiconductors Devices** | PHY-7205 | M.Phil./Ph.D. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Nanoscience and technology** | PHY-7214 | M.Phil./Ph.D. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Electrodynamics.** | PHY-7102 | M.Phil./Ph.D. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Material Studies Of Electron Emission** | PHY-7211 | M.Phil./Ph.D. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Defects In Materials And Measuring Techniques** | PHY-7212 | M.Phil./Ph.D. | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |
| **Surface Science And Scanning Techniques** | **PHY-7213** | **M.Phil./Ph.D.** | **University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan** |

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| Supervision of Research Students: |
| Ph.D. Research Thesis: (Listed as Enrolment Year) |
| 2012 Nasar Ahmed, *Synthesis and characterization of Metal Oxide Core/shell system for drug delivery.* (Status: Research work in progress) |
| 2012 Muhammad Rashid Khan, *Doping effect of transition metals in ZnO teterapods for device fabrication.* (Status: Research work in progress) |
| 2011 Muhammad Athair, *Optical Properties of Quantum Structured Semiconductor Materials for Solar Cells.* (Status: Research work in progress) |
|  |
| M. Phil. Research Thesis: (Listed as Enrolment Year) |
| 2012 Khurrum Shahzad, *Study of Chemical Vapour Deposition (CVD) System for fabrication of Zinc Oxide nanostrucures* (Status: Research work in progress) |
| 2012 Majid Khalil, *Characterization of thermally annealed ZnO nano-structures* (Status: Research work in progress) |
| 2012 Shahbana Raheem, *Biomedical applications of ZnO nanoparticles* (Status: Research Lab work completed Thesis write-up in progress) |
| 2012 Bushra Aziz, *Irradiation Effect on ZnO Nano Structures* (Status: Thesis submitted for evaluation) |
| 2011 Muhammad Iftikhar, *n-ZnO/p-Si Based junction Diode and its Characteristics* (Status: Thesis submitted for evaluation) |
| 2011 Nasar Ahmed, *Fabrication and Characterization Zn/ZnO Core/Shell System* (Status: Completed/Awarded) |
| 2011 Muhammad Rashid Khan, *Catalyst Assisted Growth and Characterization of ZnO Nano-Structures* (Status: Completed/Awarded) |
| 2011 Shakeela Bibi (in progress), *Dark Current Analysis of Quantum Dot Intermediate Band Solar Cell,* (Status: Completed/Awarded) |
| 2011 Zubia Aziz (in progress), *Study of Nanoporous Anodic Aluminium Oxide* (Status: Completed/Awarded) |
|  |
| M.Sc. Student's Reports: |
| 2012 M. Umar Fayaz, *Characterization of Cobalt doped ZnO nanoparticle* |
| 2012 Usman Hamza and Tousef Ahmed, *Characterization of Cadmium doped ZnO Tetrapods.* |
| 2011 Atif Bashir, *Synthesis and Characterization of Metal doped ZnO nano particles.* |
| 2011 Jan Muhammad, *Study of size dependent parameters on* *Synthesis of Copper doped ZnO nano particles* |
| 2009 Mohammad Habib Yasin and Mohammad Asif Latif, *Effect of Etching Parameters on Porosity of Fabricated Porous Silicon.* |
| 2009 Ghazala Razaq, Raqia Khatoon and Mizrah Tariq, *Optical properties of thermally annealed chlorine doped Zn0.2Cd0.8S.* |
| 2008 M. Rashid Khan, Raja Kurram Shazad and Wajid Taj, *Fabrication of Porous p-type Silicon.* |
| 2007 Muhammad Yousaf, *Energy Band Structure of Carbon Nanotubes using Atomistix Virtual Nano Lab.* |
| 2007 Saeed-ul Hassan Gilani, *Fabrication of porous on n-Type Silicon.* |
| 2007 Ishtiaq Ahmed and Naeem Akhtar, *Study of Organic Light Emitting Diode.* |
| 2007 Darakhshanda Jabeen, *Study of Fabrication of porous on p-Type Silicon.* |
| 2006 Habib-ur-Rehman, *Study the Formation Porous Silicon*. |
| 2006 Khalid Mehmood, *Fabrication & Characterization of Carbon Nanotubes*. |
| 2006 Zulqar-Nain Habib, *Fabrication and Characterization of Metal Nanotubes.* |
| 2006 Mohsin Rafique, *Study and numerical calculation of electronic structure of Si.* |
| 2006 Tariq Aziz, *Study of electronic structure of GaAs with the help of Density Function Theory*. |
| 1996 Akhtar Hussain and M. Abdul Rauf Khan, *Optical Properties of Chlorine Doped Zn0.9Cd0.1S Thin Films.* |
| 1992 Akram-ul-Haq, *Optical Properties of ZnxCd1-xS Thin Films Evaporated by Electron Bombardment.* |
| 1990 Nigahat G. M. and Fauzia Tayyiab, *Temperature Dependent Electrical Conductivity of Doped Germanium.* |
| 1990 Ajaz Hassan Raza, *Temperature Dependent Hall Effect of Doped Germanium.* |
| 1989 Abdul Hamid Khan, *Measurement of Lattice Parameters of Potassium Bromide by X-Ray Diffraction.* |
| 1989 Muhammad Rafique, *Study of Lattice Parameters of Sodium Chloride.* |
| 1989 Najam-ul Hassan, *Determination of Lattice Parameters of Potassium Iodide by X-Ray Diffraction.* |

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| Projects/Reports: |
| 2010-2011 AJ&K University research support project - ***Fabrication and Characterisation of Porous Silicon.* (In progress)** |
| 2010-2011 HEC project maintenance of Scientific equipments (Scanning electron microscope: Jeol JSM-6510LV) (Done final report submitted). |
| 2008-2009 Post Doctoral Research Report on ***Experimental Study of Quantum Structured Optoelectronic Devices: Intermediate Band Solar Cells***, Submitted in partial fulfilment of requirement of postdoctoral fellowship of Higher Education Commission (HEC) of Pakistan/Australian National University (ANU) Department of Electronic Materials Engineering (EME), Research School of Physical Sciences and Engineering (RSPhysSE), Canberra ACT-0200, **Australia** |
| 1995-1996 University/ U.G.C. Project - ***Characterisation of some Technologically important Materials in Thin Films form*** (done and facilitated the two M.Sc. research projects). |
| 1999-2005 Commission of European Communities project No. CI1-CT93-0076. A partially supported for Collaborative ***Study on Transition Metal Doped III-Vs Compound Semiconductors*** (Done as research project of Ph.D.) |
| xxxx HEC Infrastructure Facilities project: Provision of Liquid Nitrogen Plant: ***A Basic Infrastructure for Experimental Sciences*** ***“Cryogenics, Key to Advanced Science and Technology”*** (submitted via UAJK). |

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| Training Experience |

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| Mar. 10-13, 2011 Sputter coater: Jeol JFC-1600 |
| Jun 15-20, 2010 Fourier Transform Infrared Spectrometer: Perkin Elmer Spectrum 100 with ATR |
| May 23-26 2010 UV-Visb-IR Spectrometer: Perkin Elmer Lambda-950 |
| Computer Courses: |
| Oct. 1989 - Jan. 1990, FORTRAN-77, Computer Centre, Azad Jammu and Kashmir University (AJ&KU), Muzaffarabad, Pakistan. |
| Jan. 1987 to Aug. 1987 Computer Orientation, P.O.F. Welfare Computer Centre, Wah Cantt, Pakistan. |
| Technical Courses: |
| Oct. 1983 to May 1984, Electrician Course, Allama Iqbal Open University, Islamabad, Pakistan. |
| Oct. 1982 to May 1983, Electrical Wiring, Allama Iqbal Open University, Islamabad, Pakistan. |
| Jun. 1977 to Jan. 1978, Photography, London Institute of Photography (Pvt), Karachi, Pakistan. |
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| **Conferences/ Seminar Organized** | |
| June 08, 2011 Seminar on *“****Vacuum Science and Technology****”*, University of Azad Jammu and Kashmir, Muzaffarabad. |
| April 12-14, 2004 *Tutorial Course and Symposium on* ***Topics in Semiconductors****,* Quaid-i-Azam University, Islamabad, Pakistan. |
| April 15-17, 2004 *Workshop on* ***Nanotechnologies****,*Quaid-i-Azam University, Islamabad, Pakistan. |
| April 08-10, 1999 *Tutorial Course and Symposium on* ***Topics in Semiconductors****,* Quaid-i-Azam University, Islamabad, Pakistan. |

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| Computer Experience Application Programmes |
| Microsoft Windows, Origin, Sigma Plot, Microsoft Excel, Microsoft Word, Microsoft Power Point, Corel Draw, Adobe PhotoShop, Home suite, Netscape composer etc. |

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| Membership of Scientific and Technical Societies |
| * Life member Pakistan Institute of Physics (PIP), Lahore, Pakistan. |
| * Life member Pakistan Society for Semiconductor Science and Technology (PS3T), Quaid-i-Azam University, Islamabad; Pakistan. |
| * Member Pakistan Physical Society (PPS). Islamabad; Pakistan. |
| * Associate Member, Institute of Nanotechnology (IoN), USA. |
| * Member Test and Technology Technical Council (tttc), USA, a sister society of IEEE, USA. |
| * Member, The Australian Research Council Nanotechnology Network (ARCNN), Australia. |
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**Pro. Dr. Mohamed Ali Zaidi**

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| Description: photo | Full Professor Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044103 | | Mobile |  | +966542323689 | | Fax: |  | +966164227484 | | E-Mail: |  | m.zaidi@mu.edu.sa | | Office: |  | Room S155 | | Link to Homepage: http://faculty.mu.edu.sa/hhanafy | | | |

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| Research Interests: |
| -Solid state physics and semiconductors.  -Theoretical study and electrical characterization of electrically active defects in semiconductors by technical DLTS (Deep Level Transient Sectroscopy), C (V), I (V) and G ().  \_ Photovoltaic cells  \_ Quantum Mechanics |
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| Language Skills |
| Arabic- English – French |

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| Qualification (Career and University Education) | | |
|  | B. Sc. Degree (Physics) | " Good" Faculty of Science ofTunis, Tunis University |
|  | MS. C. Degree (Mathematics) | " Good"Physics of semiconductor Central School of Lyon France |
|  | PhD Degree  (Physics ) | " Right Honorable " Internal part at Faculty of Science ofTunis, Tunis University  External part Laboratory of Solid Physics group, University of Paris VI Jussieu Paris France |
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| Career | |
|  | \_\_Full Professor Faculty of Science of Monastir University of Monastir Tunisia 01/9./2001 to now  \_\_ Head of department of physics Faculty of Science of Monastir University of Monastir Tunisia 01/7./2008 to 31/08/2011  \_\_Associated Professor Faculty of Education in Salalah Oman 10/30/1998 to 01/09/2001  \_\_ Head of Unit Physics Faculty of Education in Salalah Oman 10/30/1998 to 01/09/2001  \_\_Associated Professor Faculty of Science of Monastir University of Monastir Tunisia 10/03/1993 to 30/10/1998  \_\_Assistant Professor Faculty of Science of Monastir University of Monastir Tunisia 01/15/1989 to 03/10/1993.  \_\_Assistant Faculty of Science of Monastir University of Monastir Tunisia 10/20/1982 to 01/15/1989  \_\_Professor of the Higher Institute of Mathematics Sousse University of Sousse Tunisia01/10./2011 to 01/23/2013  \_\_Full Professor Higher Institute of Military Sousse Tunisia 01/09./2002 to 30/06/2005 |
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| Short Visits  \_\_A working visit to France in Lille laboratory IEMN Lille (France) for a week in the scope of a contract CMCU between Tunisia and France I was the Head of Mission.  \_\_A working visit to France in Lyon LPM for a week in the scope of a contract CMCU between Tunisia and France. I was the Head of Mission.  \_\_Working visit to Morocco in Mohammedia School of Science and Technology for a week in the scope of a contract between Tunisia and Morocco, I was the Head of Mission  \_\_ Post doc (6 months) L PM Laboratory INSA of lyon France  \_\_ Post doc (6 months) Laboratory of Solid Physics Group Paris VI University Jussieu France | |
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| Publication |
| 1-Direct-current and radio-frequency characteristics of passivated AlGaN / GaN / Si high electron mobility transistors.  • H. Mosbahia, M. Gassoumi, Houcine Mejri,, C. Gaquièred,• M.A. Zaidi, H. MaarefCurrent Applied Physics Current Applied Physics 2013•  2-Deep traps responsible for capacitance hysteresis in AlGaN / GaN FAT-HEMT's  M. Charfediine M. A. Zaidi, H. Maaref JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Vol. 17, No.7-8, July - August 2013, p. 130 - 135  3-Numerical Investigation of Kink Effect Correlated with Defects in AlGaN / GaN High Electron Mobility Transistors.  M. Charfeddine, M. A. Zaidi and H. Maaref  Journal of Computational and Nanoscience Vol. 10, 1-7, 2013  4- Analysis of Deep Levels in AlGaN / GaN High Electron Mobility Transistor on Si Substrate Using Capacitance DeepLevel Transient Spectroscopy  M. Charfeddine H. Mosbahi, MA Zaidi, and H. Maaref Advanced Science,Engineering and Medicine Vol. 5, pp. 1 to 4.2013  5- -Direct-current and radio-frequency characteristics of passivated AlGaN / GaN / Si high electron mobility transistors  H. Mosbahi, M. Gassoumi, Imen Saidi, Houcine Mejri C. Gaquière M.A.Zaidi H. Maaref Current Applied Physics 13 (2013) 1359-1364  6-Effect of surface passivation by SiN/SiO2 of AlGaN / GaN high-electron mobility transistors on Si substrate by deep level transient spectroscopy method  Malek GASSOUMI \*, Hana MOSBAHI, Mohamed Ali ZAIDI, Christophe GAQUIERE, Hassen MAAREF Journal of Semiconductors, Volume 47, Issue 7. (2013(  7-Critical behavior in Fe-doped manganites La0.8Ba0.2Mn1-xFexO3x = 0.15 and x = 0.2  S.Ghodhbane, A.Dhahri. N.Dhahri, J.Dhahri, M.A.Zaidi Journal of Alloys and Compounds Journal of Alloys and Compounds  8- 2-D Theoretical Model for Current-Voltage Characteristics in AlGaN/GaN HEMT's.   Charfeddine, Manel; Belmabrouk, Hafedh; Zaidi, Mohamed Ali; Maaref, Hassen  Journal of Modern Physics (21531196) . Aug2012, Vol. 3 Issue 8, p881-886. 6p.  9- Electrical characterization of of AlGaN/GaN HEMTs ON Si substrate  H. Mosbahia, M. Gassoumia,, H. Mejrib , M. A. Zaidi, C. Gaquiere, H. Maaref  Journal of Electron Devices, Vol. 15, 2012, pp. 1225-1231  10- Theoretical investigation of kink effect with deep defects and temperature in AlGaN/GaN HEMTs  M. CHARFEDDINEa\*, H. MOSBAHIa, M. A. ZAIDIa,b , H. MAAREFa Journal of Electron Devices, Vol. 15, 2012, pp. 1225-1231  11- Poole-Frenkel assisted emissions from a barrier trap in AlGaN / GaN / Si HEMTs"  Malek GASSOUMI, Houcine MEJRI, Christophe GAQUIERE, Mohamed Ali ZAIDI, Hassen MAAREF Journal of Electron Devices, Vol. 11, 2011, pp. 538-54  12- Electrical Characterization of Traps in AlGaN / GaN FAT-HEMT's on Silicon Substrate by CV and DLTS Measurementsز  Manel Charfeddine, Malek GASSOUMI \*, Hana Mosbahi, Christophe Gaquiére, Mohamed Ali Zaidi1, Hassen Maaref. Journal of Modern Physics, Vol. 2 (10), p. 1229 (2011(  13- Electron traps studied in AlGaN / GaN HEMT on Si substrate using capacitance deep level transient spectroscopy.  H. MOSBAHI, M. GASSOUMI, M. CHARFEDDINE, M A. ZAIDI, C. GAQUIERE, H.MAAREF  Journal of Optoelectronics and Advanced Materials Vol.12 (11), (2010)  14- Deep levels in AlGaN/GaN HEMTs on silicon substrate are characterized by current deep level transient spectroscopy  H. MOSBAHI, M. GASSOUMI, C. GAQUIERE, M. A. ZAIDI, H. MAAREF *Optoelectronics and Advanced Materials – Rapid Communications,Vol 4(11); (2010), p. 1783*  15- Deep levels in AlGaN / GaN HEMTs on silicon substrate are characterized by current deep level transient spectroscopy.  .MOSBAHI, M.GASSOUMI, C.GAQUIERE, M.A.ZAIDI, and H.MAAREF  MADICA 2010», Tabarka (Tunisie)  16- [Investigation of deep levels in AlGaN/GaN HEMTs on silicon substrate by conductance deep level transient spectroscopy](http://www.researchgate.net/publication/224146591_Investigation_of_deep_levels_in_AlGaNGaN_HEMTs_on_silicon_substrate_by_conductance_deep_level_transient_spectroscopy)  [H. Mosbahi](http://www.researchgate.net/researcher/54806130_H_Mosbahi/), [M. Gassoumi](http://www.researchgate.net/researcher/55925896_M_Gassoumi/), [M. Charfeddine](http://www.researchgate.net/researcher/55892063_M_Charfeddine/), [C. Gaquiere](http://www.researchgate.net/researcher/6385264_C_Gaquiere/), M.A. Zaidi, [H. Maaref](http://www.researchgate.net/researcher/54829409_H_Maaref/)  Design and Technology of Integrated Systems in Nanoscale Era (DTIS), 2010 5th International Conference on; 04/2010  17- Deep level investigation by capacitance and conductance transient spectroscopy in AlGaN/GaN/SiC HEMTs  M. GASSOUMI, B. GRIMBERT, M. A. POISSON, . FONTAINE, M. A. ZAIDI, C. GAQUIERE JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 11, No. 11, November 2009, p. 1713 - 1717    18*-*  AlGaN / GaN / Si HEMT's and capacitance deep level transient spectroscopy (DLTS) • H. Mosbahi, M. Gassoumi, M.A. Zaidi, C. Gaquiere, H. Maaref International Meeting on  Materials for Electronic Applications, IMMEA 2009  19-Electronic properties of multi-quantum dot structures in Cd 1-xZn xS alloysemiconductors.  Safta, N., Sakly, A., Mejri, H., Zaïdi, M.A. European Physical Journal B 53 (2006)  20- Effects of high doping on the bandgap bowing for AlxGa1-xN  Safta, N., Mejri, H., Belmabrouk, H., Zaïdi, M.A. Microelectronics Journal(2006) 37  (11)  PP. 1289 - 1292  21- Electric field effect on the electron emission from Te-DX in AlxGa1-xAs  L. Bouzrara, R. Ajjel, H. Mejri, M.A. Zaidi, H. Maaref  Materials Science and Engeneering C 26 (2006) 580-582    22- Alloy splitting of Te-DX in AlxGa1-xAs analysis using the deep level transient spectroscopy technique  L. Bouzrara, R. Ajjel, H. Mejri, M.A. Zaidi, H. Maaref  Microelectronics Journal 37 (2006) 586-590  23- “ Excitonic recombination processes in GaAs grown by close space vapor transport ”  L. Bouzrara, R. Ajjel, H. Mejri, M.A. Zaidi, S. Alaya, J. Mimila-Arroyo, H. Maaref  Microelectronics Journal 35 (2004) 577-580  24- Electron traps in metal organic chemical vapor deposition grown Ga1-xAlxAs .  R Ajjel,L. bouzrara , M.A.Zaidi, H.Maaref and G.Bremond,  Physica (B).15-19 (2003).  25- Poole Frenkel assisted emission from donor level Chromium doped GaP.  R Ajjel, M.A.Zaidi, G.Bremond, G.Guillot and J.C.Bourgoin.  .Applied. Phys. Lett. 72,302 (1998)  26- The Dx Center in GaAsP alloys  M.M.Ben Salem, M.A.Zaidi, M Zazoui, H Maaref and J.C.Bourgoin  Phys.State.Sol.(b) 209, 363-374 (1998)  27- Deep level analysis of n type in GaAl1-xPx alloys.  M.M.Ben Salem, M.A.Zaidi, H Maaref and J.C.Bourgoin  J.Applied.Phys. 78,4004 (1995).  28- Defects in electron GaAlAs alloys  M.A.Zaidi, H.Maaref, M.Zazoui and J.C.Bourgoin  . J.Applied.Phys. 74,284 (1993)  29- Defects in electron GaAlAs alloys  M.A.Zaidi, H.Maaref, M.Zazoui and J.C.Bourgoin  J.Applied.Phys. 74,284 (1993)  30- Hole capture cross section of Dx centers in  Ga1-xAlxAs.  M.A.Zaidi, H.Maaref, M.Zazoui and J.C.Bourgoin  23 Phys. Rev. B 44, 7987 (1991)  30- Defects in electron irradiated n –type GaP and GaInP.  M.A.Zaidi, H Maaref, M.Zazoui and J.C.Bourgoin  Materials Science Forum Vol.143-147 (1994)  31- Defects in electron irradiated GaInP  J.Kryniki, M.A.Zaidi, M.Zazoui, H.Maaref, J.C.Bourgoin, M.Diforte Poisson, Chrynlinsky, SL.Delage and H.Blank  J.Applied.Phys. 74,260 (1993)  32- Recombination Centers in Czochralski grown p type .  M.Zazoui , M.A.Zaidi, J.C.Bourgoin and G.Stroobl  J.Applied.Phys. 74,3944 (1993)  33- Minority carrier cross section of the EL2 defects in GaAs.  M.A.Zaidi, H.Maaref, and J.C.Bourgoin Applied. Phys.Lett.  (1992)  34- Poole Frenkel emission deep levels in electrons Germanium.  M.A.Zaidi, H.Maaref and J.C.Bourgoin  Semicond. Science Technol. 4, 93(1989) |

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| Teaching Experience | | | |
| Classical mechanics |  |  |  |
| Electromagnetism |  |  |  |
| ُElectronics |  |  |  |
| Electrostatic |  |  |  |
| Magnetostatic |  |  |  |
| general physical |  |  |  |
| modern Physics |  |  |  |
| optical instruments |  |  |  |
| Geometric optics |  |  |  |
| Mathematics |  |  |  |
| Physical optics |  |  |  |
| Relativity |  |  |  |
| Waves and vibrations |  |  |  |
| Quantum Mechanics 1 |  |  |  |
| Quantum Mechanics 2 |  |  |  |
| Fluid mechanics |  |  |  |
| ٍSemi-conductor |  |  |  |
| Properties of matter |  |  |  |
| Electrical characterization of components |  |  |  |
| Physics of Solids I |  |  |  |
| Physics of Solids II |  |  |  |
| Group theory |  |  |  |
| Quantum Mechanics 3 |  |  |  |

Mathematics

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| Training Experience | |
| Training "Deep level transient Spectroscopy " Monastir University , Tunisia | |
| Training "Optical Deep level transient Spectroscopy ", INSA of lyon France  Training " Electron beam processing or electron [irradiation](http://en.wikipedia.org/wiki/Irradiation) ", University Paris V France | |
| Conferences |
| Tunisia France Physics Conference 2000 |
| Conference on Semiconductor and applications 2004 |
| Conference "missing mass" 1993 |
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| Practical Skills |
| Degree in Mathematics |
| he French language |
| Computer |
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**Dr. Mohammad kheare Abu Shayeb**

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|  | Associated Professor  Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +9664104 | | Mobile |  | +966580528813 | | Fax: |  | +96664227484 | | E-Mail: |  | m.abushayeb@mu.edu.sa | | Office: |  | Room S1459 | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| Research Interests: |
| Experimental high energy physics |
| Quark gluon plasma |
| Heavy ion Interactions |
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| Qualification (Career and University Education) | | |
| Ph.D in (Physics ) | )High Energy Physics | *University of Rajasthan-*Jaipur-INDIA-awarded on March 2003 |
| M.Sc (Physics) | Nuclear Physics | *Dr. B. S Marathwada University*- Aurangabad – India, awarded on Apr 1996. Placed in Second Division. |
| B.Sc (Physics) | Physics | *Dr. B. S Marathwada University*- Aurangabad – India, awarded on Apr 1996. Placed in Second Division. |

**Employment**

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| --- | --- |
| 2011-2014 | **Associated professor** ( Al Majmaah University)KSA |
| 2011-2011, July | **Dean of science faculty** (al-Hussein Bin talal University) |
| 2011 | **Associated professor** (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* |
| 2004 | **Asst Poff**, Al-Hussein Bin Talal University, *Ma’an, Jordan* |
| 2002-2003 | **Teaching**, Granada College affiliated to,Balqa University*, Jordan* |
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| **Industry collaboration** | **N/A** |
| **Patents and proprietary right** | **N/A** |
| **Last Publication** | 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  **Mohammad abu Shayeb** (2014) Photon multiplicitydistributions for Pb+Pb, Nb & Ni interactions. *submitted* |

**Dr. Samir Al-Zobaidi**

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|  | Assistant Professor Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044095 | | Mobile |  | +966542898800 | | Fax: |  | +96664227484 | | E-Mail: |  | s.alzobaidi@mu.edu.sa | | Office: |  | Room S129 | | Link to Homepage: http://faculty.mu.edu.sa[/salzobaidi](http://faculty.mu.edu.sa/salzobaidi)/ | | | |

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| Research Interests: |
| Polymer crystallization, characterization, and processing |
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| Language Skills |
| Arabic (native), English. |

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| Qualification (Career and University Education) | | |
| 1987-1991 | B. Sc. Degree (Physics) | College of Science / University of Jordan / Jordan |
| 1992-1994 | MS. C. Degree (Physics/Laser and modern spectroscopy) | College of Science / Aligahr Muslim University / India  First Division |
| 1996-2002 | PhD Degree  (Materials Science) | College of Materials Science and Engineering / University of Tennessee / USA. |
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| Career | |
| 2009-2012 | **Head of physics department** College of science in al-Zulfi / *Majmaah University* / Saudi Arabia |
| 2006-recent | **Assistant Professor** College of science in al-Zulfi / *Majmaah University*  Saudi Arabia |
| 2004-2006 | **Researcher** Department of design and mechanical technology **/** *Royal Scientific Society (RSS)* / JORDAN |
| 2003-2004 | **Physics Teacher for IGCSE classes,** *Rawdat Al-Ma’aref Schools & College* / JORDAN |

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| Short Visits | |
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| Publication |
| Crystallization of ethylene-octene copolymers at high cooling rates. Wagner, J., Abu-Iqyas, S., Monar, K., and Phillips, P. J.; Polymer (1999), 40(16), 4717-4721. |
| The Influence of sequence length distribution on the linear growth of ethylene-octene copolymers. Annual Technical Conference -Society of Plastics Engineers (1998), 56th (Vol. 2), 1516-1520. |
| The effect of adding thiacalix[4]arene compound on polypropylene/clay nanocomposite. The international conference on Materials Science and its Applications “development and Innovation”. Feb. 2012. Taif, KSA. |
| Chain-extended Crystals in Ethylene-Octene Copolymers. American Physical Society (APS). March meeting 2002. Indianapolis, Indiana. USA |
| Phase Diagrams and Phase Transformations in Ethylene-Octene Copolymers. American Physical Society (APS). March meeting 2002. (Poster session) Indianapolis, Indiana. USA |
| The Influence of Regime on Band Spacing in an Ethylene Copolymer. American Physical Society (APS). March meeting 2002. Indianapolis, Indiana. USA |
| Crystallization of Polyethylene and its Octene Copolymers Over a Wide Range of Supercooling. American Physical Society (APS). March meeting 2001. (Poster session) Portland, OR. USA |
| The crystallization mechanism of (metallocene) Ethylene-octene copolymer (LLDPE) as a function of the applied pressure. American Physical Society (APS). March meeting 2001. Portland, OR. USA |
| The Influence of sequence length distribution on the linear growth of ethylene-octene copolymers. Annual Technical Conference -Society of Plastics Engineers (ANTEC) (1998), Atlanta, GA. USA |
| “The effect of pressure and temperature on the mechanical properties of polymer/clay nanocomposites” Grant number SR-S-007-040 funded by SABIC. (2007) |
| “The effect of adding thiacalixarene compounds on the exfoliation and intercalation of polypropylene / clay nanocomposites”. Grant number SR-S-009-040 funded by SABIC. (2009) |
| “The effect of the digestive juice enzymes on the biodegradation of polyethylene/montmorillonite nanocomposites after its exposure to UV radiation”. Grant number SR-S-009-001 funded by SABIC, (2009). |

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| Teaching Experience | | | |
| General Physics I | PHYS 201 | College of Science / Zulfi | Majmaah University |
| General Physics II | PHYS 202 | College of Science / Zulfi | Majmaah University |
| Modern Physics | PHYS 351 | College of Science / Zulfi | Majmaah University |
| Modern Physics Lab. | PHYS 494 | College of Science / Zulfi | Majmaah University |
| Electromagnetism Lab. | PHYS 393 | College of Science / Zulfi | Majmaah University |
| Quantum mechanics I | PHYS 352 | College of Science / Zulfi | Majmaah University |
| Quantum Mechanics II | PHYS 453 | College of Science / Zulfi | Majmaah University |
| Atomic and Molecular Physics | PHYS 454 | College of Science / Zulfi | Majmaah University |
| General Physics for medicine and dentistry students | PHYS 145 | College of Medicine / Majmaah | Majmaah University |
| General Physics for medicine and dentistry students | PHYS 145 | College of Dentistry / Zulfi | Majmaah University |

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| Conferences | | |
| The international conference on Materials Science and its Applications “development and Innovation”. | Taif, KSA | Feb. 2012 |
| American Physical Society (APS). | Indianapolis, Indiana. USA | March meeting 2002 |
| American Physical Society (APS). | Portland, OR. USA | March meeting 2001 |
| Annual Technical Conference -Society of Plastics Engineers (ANTEC) | Atlanta, GA. USA | 1998 |

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| Training Experience |
| “DSC, TGA, DMA Rheology” Annual workshop series presented by TA instruments, Knoxville TN 1999. |
| “Cambridge international diploma for teachers and trainers” Training course, conducted by Cambridge International Examinations at the British Counsil, Amman 2003 |
| “ISO/IEC 17025 Application and Requirements” Training course conducted by the Quality Assurance Department/ Royal Scientific Society, Amman, October 2004. |
| “Innovation Promotion and Technology Commercialization Workshop” A workshop presented by the Royal Scientific Society (RSS), Princess Sumaya University for Technology (PSUT) and the Higher Council for Sciences & Technology (HCST). Amman, Jordan 14th and 15th September 2005 |
| A seminar was addressed on the modified atmosphere packaging as part of "The improvement and marketing of the fresh produce" workshop organized by the Central Market-Great Amman Province (Jordan), July 2004. |
| “Introduction to electronics” A training course aimed to train high shool teachers in Al-Zulfi on how to: identify the different circuit components, connect electric circuits, and measure the electric parameters. |

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| Practical Skills |
| ICDL |
| Optical Microscope, Electron microscopes, FTIR, Mechanical testing machines. |
| DSC, X-ray Diffraction. |
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**Assoc. Prof. Dr. Mohamed S. Gaafar**

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| D:\My pic.png | Associate Professor  Mathematics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044099 | | Mobile |  | +966598210308 | | Fax: |  | +96664227484 | | E-Mail: |  | m.gaafar@mu.edu.sa | | Office: |  | Room S 157 | | Link to Homepage: http://faculty.mu.edu.sa/mgaafar/ | | | |
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| Research Interests: |
| Materials synthesis and characterization |
| Ultrasonic, FTIR, XRD (Radial Distribution Function for amorphous materials), Thermal properties using (DSC & DTA) Raman spectroscopy, Polarized light optical microscope and UV-VIS spctrophotometry. |
| Nano materials |
| Language Skills |
| English (very good reading and writing), Duetsch (little experience in reading and writing) and Arabic (excellent reading and writing). |

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| Qualification (Career and University Education) | | |
|  | B. Sc. Degree (Biophysics) | B. Sc in Biophysics – Faculty of Science – Cairo University (1993) with grade (Very Good) for the average of 4 years. |
|  | MS. C. Degree (Biophysics) | M. Sc in Ultrasonic characterization of materials entitled “Ultrasonic Investigation of Some Rubber Blends for Preparing Ultrasonic Phantom” Faculty of Science-Biophysics Department - Cairo University, (2001). |
|  | PhD Degree  (Physics ) | Ph.D in Ultrasonic characterization of materials entitled "Ultrasonic Velocity and Attenuation Measurements for Characterizing Some Tellurite Glasses", Faculty of Science - Physics Department - Menia University, (2005). |
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| Career | |
| (1996) | Demonstrator at Department of Ultrasonic, National Institute for Standards – EGYPT, (1996). |
| (2001) | Assistant Lecturer at Department of Ultrasonic, National Institute for Standards – EGYPT, (2001). |
| (2005) | Assistant Professor at Department of Ultrasonic, National Institute for Standards – EGYPT, (2005). |
| (2010) | Associate Professor at Department of Ultrasonic, National Institute for Standards – EGYPT, (2010). |
| (2010) - Continue | Associate Professor at Department of Physics , Faculty of Science, Majmaah university , Saudi Arabia, (2010) - Continue. |

Experiences Training :

1- Travelled to Denmark in 1999 for five months in Technical University of Denmark – Industrial Acoustics Department -Lyngby – Copenhagen, for training on building setup of thermo­acoustic sensor and using this system for calibration of ultrasonic transducers.

2- ISO Guide 25, uncertainty, statistics, ultrasound, and in optical measurement.

3- Travelled to Germany, Darmstadt, in a post doc - DFG fellowship September (2007).

4- Travelled to Soul - South Korea 14-29 June 2009 in a training program of National Standards and Precision Measurements.

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| Short Visits | |
| 1999 | Technical University of Denmark – Industrial Acoustics Department -Lyngby – Copenhagen |
| 2007 | Germany, Darmstadt, in a post doc - DFG fellowship |
| 2009 | KRISS - Soul - South Korea |
| Publication | |
| 1- M. A. Sidkey, A. A. Yehia, N. A. Abd El Malak and M. S. Gaafar, “Compatibility Studies on Some Rubber blend Systems by Ultrasonic Techniques”, Materials Chemistry & Physics, 74, 23-32, (2002). | |
| 2- M. A. Sidkey, A. A. Yehia, N. A. Abd El Malak and M. S. Gaafar, “Elastic Properties of Some Rubber Blends”, Journal of Pure & Applied Ultrasonics, 23 (3 & 4), 43-50, (2001). | |
| 3- M. A. Sidkey and M. S. Gaafar, “Ultrasonic studies on network structure of ternary TeO2 – WO3 – K2O glass system”, Physica B, 348, 46-55, (2004). | |
| 4- M. A. Sidkey and M. S. Gaafar, “Ultrasonic relaxation of ternary TeO2 – WO3 – K2O glass system”, Physics and Chemistry of Glasses, Vol. 45 (1), 7-14, (2004). | |
| 5-M. S. Gaafar and S. Y. Marzouk, "Study on Some Physical Properties of Er3+ doped SiO2 – Na2O – B2O3 Glasses Using Ultrasonic Velocity and FTIR Spectroscopy", NORBERT KREIDL MEMORIAL International Course and Conference ICC-06, EGYPT, (2006). | |
| 6-M. S. Gaafar and S. Y. Marzouk, "Mechanical and Structural Studies on Sodium Borosilicate Glasses Doped with Er2O3 Using Ultrasonic Velocity and FTIR Spectroscopy", Physica B, 388, 294, (2007). | |
| 7- S. Y. Marzouk and M. S. Gaafar, "Ultrasonic study on some borosilicate glasses doped with different transition metal oxides", Solid State Communications, 144, 478, (2007). | |
| 8- M. El-Gazery and M. S. Gaafar, "Modified Reference HS-Block for Directivity Pattern and Resolution Calibration of Contact Probe", Egypt. J. Meas. Sci. Technol., 2, 79-93, (2007). | |
| 9-M. S. Gaafar, E. A. El-Sayad, S. Y. Marzouk, "Ultrasonic Study of CuxAg1-xInTe2 bulk material", Archives of Acoustics, 33 (3), 363-372, (2008). | |
| 10- M. A. Sidkey; A. Abd El-Moneim; M. S. Gaafar; N. S. Abd El-Aal; L. Abd El-Latif; I. M. Youssof, "Elastic and structural properties of vanadium lithium-borate glasses", Philosophical Magazine, 88 (11), 1705-1722, (2008). | |
| 11-M. S. Gaafar, Y. B. Saddeek and L. Abd El-Latif, "Ultrasonic Studies on Alkali Borate Tungstate Glasses", Journal of Physics and Chemistry of Solids, 70 (1), 173, (2009). | |
| 12-M. S. Gaafar, F. H. El-Batal, M. El-Gazery and S. A. Mansour, "Effect of Doping Different Transition Metals on the Acoustical properties of Alkali Borate Glasses", Acta Physica Polonica A, 115 (3), 671, (2009). | |
| 13- Y. B. Saddeek, M. S. Gaafar, N. S. Abd El-Aal and L. Abd El-Latif, "Structural Analysis of Some Alkali Diborate glasses", Acta Physica Polonica A, 116 (2), 211, (2009). | |
| 14-M. S. Gaafar, N. S. Abd El-Aal, O. W. Gerges and G. El-Amir, "Elastic Properties and Structural Studies on Some Zinc-Borate Glasses derived from Ultrasonic, FT-IR, and X-ray techniques", Journal of Alloys and Compounds, 475, 535, (2009). | |
| 15-M. S. Gaafar; S. Y. Marzouk; H. Mady, "Ultrasonic and FT-IR Studies on Bi2O3 – Er2O3 – PbO Glasses", Philosophical Magazine, 89 (26), 2213-2224, (2009). | |
| 16-M. S. Gaafar, H. A. Afifi and M. M. Mekawy, "Structural studies of some phospho-borate glasses using ultrasonic pulse-echo method, DSC and IR spectroscopy", Physica B, 404, 1668, (2009). | |
| 17- Y. B. Saddeek and M. S. Gaafar, "Physical and structural properties of some bismuth borate glasses", Materials Chemistry & Physics, 115, 280, (2009). | |
| 18-M. S. Gaafar, L. I. Soliman, S. Y. Marzouk, "Ultrasonic Characterization of Bi2(Te1*-*xSex)3 System", Archives of Acoustics, 34 (4), 407-417, (2009). | |
| 19- N. A. Darwish, M. S. Gaafar, N. Abd El-Aal, A. A. Abd El-Megeed, "Investigation of aging effect on the mechanical properties of silicone rubber using ultrasonic, DMA and FT-IR techniques", Kautschuk Gummi Konststoffe (KGK), in press. | |
| 20- H. A. Afifi, N. S. Abd El-Aal, M. S. Gaafar, M. M. Mekawy and E. Ali, "Measurement of viscosity using ultrasonic pulse echoe method and cone-plate viscometer", International Congress On Ultrasonics – ICU, Santiago – Chili, January 11-17, (2009). | |
| 21- A. Abo Kandil and M. S. Gaafar, "Effect of different types of carbon black on the mechanical and acoustic properties of EPDM", Journal of Applied Polymer Science, 117(3), 1502, (2010). | |
| 22- Y. B. Saddeek, M. S. Gaafar, Safaa A. Bashier, "Structural influence of PbO by means of FTIR and acoustics on calcium alumino-borosilicate glass system", Journal of Non-Crystalline Solids, 356, 1089, (2010). | |
| 23- H. E. Nasr, M. S. Gaafar, O. Abdel-Kareem, F. Abd El-Aziz, "Morphological, Rheological and Ultrasonic Characterizations of ECO-Friendly Micro-emulsion Lattices Based on Acrylate Monomers", Journal of American Science, 6(9), 897, (2010). | |
| 24- M.A. Nour, M.S. Gaafar, A. Eid, A.A. El–Ebissy , "The effects of nickel chelate of aminopyridieneanilide combined with modified clay on flame retardance enhancement of polyethylene composites prepared by ultrasonic irradiation", 14th European Conference on Composite Materials, 7-10 June, 2010, Budapest, Hungary | |
| 25- M. S. Gaafar, Mostafa A. M. Abdeen, S. Y. Marzouk, "Structural investigation and simulation of acoustic properties of some tellurite glasses using artificial intelligence technique", Journal of Alloys and Compounds, 509, 3566, (2011). | |
| 26- **A.A. El-Daly****, Farid El-Tantawy, A.E. Hammad, M.S. Gaafar, E.H. El-Mossalamy, A.A. Al-Ghamdi, "**Structural and elastic properties of eutectic Sn–Cu lead-free solder alloy containing small amount of Ag and In**",** Journal of Alloys and Compounds, 509, 7238, (2011). | |
| 27- G.E. El-Falaky, M.S. Gaafar, N.S. Abd El-Aal, " Ultrasonic relaxation in Zinc-Borate glasses", Current Applied Physics, 12, 589, (2012). | |
| 28- S.Y. Marzouk, L.I. Soliman, M. S. Gaafar, H.A. Zayed, A.H. Serag El-Deen, " Dielectric Properties and Conductivity of Some Alkali Borate Glasses Doped With Cobalt Oxide", Journal of Applied Sciences Research, 8, 2325 (2012). | |
| 29- M. S. Gaafar, S. Y. Marzouk, H. A. Zayed, L. I. Soliman, A. H. Serag El-Deen, "Structural studies and mechanical properties of some borate glasses doped with different alkali and cobalt oxides", Current Applied Physics, 13, 152, (2013). | |
| 30-Y. B. Saddeek, M. S. Gaafar, "Study of the rigidity of semi-conducting vanadate glasses and its importance in the use of coatings", Bull. Mat. Sci., 37(3), 661, (2014). | |
| 31-M. S. Gaafar, Y. A. Azzam, "Acoustic Relaxation of Some Lead Niobium Tellurite Glasses", Bull. Mat. Sci., Under review (2013). | |
| 32-M. S. Gaafar, A. El-Wakil, M. Yousuf, "Study of the effect of radiation and frequency on the electrical properties and ultrasonic properties of polyethylene", Archives of Applied Science Research, 5(2), 158, (2013). | |
| 33-R. El-Mallawany, M. S. Gaafar, Y. A. Azzam, "Prediction of Ultrasonic parameters at low temperatures for Tellurite glasses", Chalcogenide Letters, 11(5), 227, (2014). | |
| 34-R. El-Mallawany, M. S. Gaafar, N. Veeraiah, "Calculated Bulk Modulus and Poisson’s Ratio of Some Tellurite Glasses", Materials Characterization, Under Review (2013). | |
| 35- M. S. Gaafar, "Theoretical determination of ultrasonic velocities of tellurite and Borate glasses using Makishima and Mackenzie model", Physica B., Under Review (2014). | |
| 36- N. Elkhoshkhany, R. Abbas, M. S. Gaafar, R. El-Mallawany, A. Abd Almuhsin, "Elastic Moduli of Tellurite Glasses TeO2-ZnO-Nb2O5-Gd2O3", Physica and Chemistry of Solids, Under Review (2014). | |
| 37- R. El-Mallawany, M. S. Gaafar, M. A. Abdeen, S. Y. Marzouk, "Simulation of acoustic properties of some tellurite glasses", Ceramics International, 40(5), 7389, (2014). | |
| 38- M. S. Gaafar, " Structural Investigations on Some Cadmium-Borotellurate Glasses Using Ultrasonic, FT-IR and X-ray techniques", Journal of Alloys and Compounds, Under Review (2014). | |
| 39- M. S. Gaafar, " Improvement of UV-shielding efficiency and physico-mechanical properties of High density polyethylene via Zinc Oxide nanoparticles”, Spectroscopy Letters, Under Review (2014). | |
| My H. Index is 11 (http://scholar.google.com.eg/citations?user=toAJWG4AAAAJ&hl=en) | |

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| --- | --- | --- | --- | --- |
| Teaching Experience | | | | |
| Electronics | B.Sc in Engineering | Faculty of Industrial Educations | EGYPT | |
| Measurement | B.Sc in Engineering | High Institute for Engineering | EGYPT | |
| Sound and Light | B.Sc in Physics | Faculty of Science – Suez Canal University | EGYPT | |
| Heat and Properties of Matter | B.Sc in Physics | Faculty of Science – Suez Canal University | EGYPT | |
| Health Physics | B.Sc in Physics | Faculty of Science – Suez Canal University | EGYPT | |
| Thermodynamics | B.Sc in Physics | Faculty of Science – Suez Canal University | EGYPT | |
| Thermodynamics | B.Sc in Engineering | Basic Sciences Dept. – Arab Academy of Sciences and Technology | EGYPT | |
| General Physics (PHIS-101) | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Waves and Vibrations | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Biophysics | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Health Physics | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Thermodynamics | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Modern Physics 1 | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Electromagnetism 1 | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| General Physics (104) | B.Sc in Physics | College of Science and Human Educations – Majmaah University | KSA | |
| Solid State Physics 1 | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Solid State Physics 2 | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| Solid State Physics Lab. | B.Sc in Physics | College of Science – Majmaah University | KSA | |
| General Physics (104) | B.Sc in Computer Science (Tagseer) | College of Science – Majmaah University | KSA | |
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| Conferences | | | |
| 1- As an Organizing Committee and audience of the Ultrasonics International ’99 joint with 1999 World Congress on Ultrasonics, 29 June – 1 July 1999, held in Technical University of Denmark -Denmark. | | | |
| 2- 6th Arab International Conference on Polymer Science and Technology, 1 – 5 September (2001) Ismaeilia – Sharm El-Sheikh, Egypt. | | | |
| 3- NORBERT KREIDL MEMORIAL International Course and Conference ICC-06, EGYPT, (2006), Ras Sudr, EGYPT. | | | |
| 4- The XXVII conference, Solid State Physics and Materials Science, 24th – 27th, Gulf of Suez, Ein Soukhna, Egypt, (2008). | | | |
| 5- International Congress On Ultrasonics – ICU, Santiago – Chili, January 11-17, (2009). | | | |
| 6- The XXVIII conference, Solid State Physics and Materials Science, Gulf of Suez, Ein Soukhna, Egypt, (2009). | | | |
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| Thesis Supervised and Reviewed |
| 1- Safaa A. Bashier, Supervisor for the PHD thesis entitled "The Role of Radiation in the Structural Investigations of Some Lead Borate Glasses", Biophysics Dept. – Faculty of Science – Cairo University - EGYPT, Awarded - (2010). |
| 2- Ghada El-Amir, Supervisor for the PHD thesis entitled "Structural Investigation of Some Zinc Borate Glasses", Biophysics Dept. – Faculty of Science – Cairo University - EGYPT, Awarded - (2010). |
| 3- Abeer H. Serag El-Deen, Supervisor for the PHD thesis entitled "Characterization of Some Borate Glasses", Physics Dept. – Women's College for Arts, Science and Education – Ain Shams University - EGYPT, Awarded - (2012). |
| 4- Reviewer for the PHD thesis entitled ""Acoustical behaviour of some three component liquid systems and characterization of few glass specimen", Physics Dept. - Annamalai University, INDIA, Awarded (2008). |

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| Conferences/Workshops/Seminar Organized |
| 1. Organizing Committee for the Ultrasonics International ’99 joint with 1999 World Congress on Ultrasonics, 29 June – 1 July 1999, held in Technical University of Denmark -Denmark. |
| 1. Scientific and Quality seminars in College of Sciences, Majmaah University. |
| 1. Organizing Committee for Academic Accreditation to ASIIN in College of Sciences, Majmaah University 31 March – 3 April (2014). |
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| Memberships of Scientific and Technical Societies |
| 1. Life member in Egyptian Society of Solid State, EGYPT. |
| 1. Life member in Egyptian Society of Biophysics, EGYPT. |
| 1. Reviewer member in the following Elsevier journals; 2. Materials Chemistry and Physics Journal. 3. Journal of Alloys and Compounds 4. Physics and chemistry of Glasses 5. Journal of Non-Crystalline Solids 6. Physica B: Condensed Matter 7. Radiation Instruments |
| 1. Editorial Committee of the Marquis Who is Who. |
| 1. Editorial board of the journal of Modern Applied Sciences. |
| 1. Life member in Egyptian Society of Polymer Sciences and Technology, EGYPT. |
| Computer Skills |
| Microsoft Windows, Origin Lab., Microsoft Excel, Microsoft Word, Microsoft Power Point, Adobe Photoshop, Adobe PDF Writer, Basic Language Programming, C & C++ Programming, ……etc. |
| Practical Skills |
| 1. Ultrasonic Pulse Echo technique. |
| 1. FTIR. |
| 1. Polarized Light Optical Microscope. |
| 1. Semi-crystalline polymers and Liquid crystals. |
| Project/Reports: |
| 1. 1431-1432, two projects have been made in cooperation with Dr. Yasser B. Saddeek funded from Majmaah University. |
| 1. 1432-1433, one project has been made in cooperation with Dr. Y. Azzam and funded from Majmaah university. |
| 1. 1433-1434, one project is in progress and funded from Majmaah university. |
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| Extra Participation Experiences: |
| 1. Participated as a reviewer of the scientific projects for the Islamic development bank – Saudi Arabia, for the year (2009). |
| 1. Participated as a reviewer for 11 search works for the Materials Chemistry and Physics journal, Journal of Alloys & Compounds and Physics & Chemistry of Glasses. |
| 1. Participate as a member researcher through the ultrasonic dept. – National Institute of Standards in a search project with the Egyptian Academy of Scientific Research and Technology (ASRT) and the Russian - Emanuel Institute. |
| 1. Participate as one of the Editorial Committee of the Marquis Who is Who from 2007 to date. |
| 1. Participate as a member of the editorial board of the journal of Modern Applied Sciences. |
| 1. Have been chosen as one of the top 100 scientists in (2009) selected by the International Biographical Centre (IBC) – Cambridge University – England. |
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**Dr. Hassan Hanafy**

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| Hassan Profile | Associate Professor Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044103 | | Mobile |  | +966582912273 | | Fax: |  | +966164227484 | | E-Mail: |  | h.hanafy@mu.edu.sa | | Office: |  | Room S160 | | Link to Homepage: http://faculty.mu.edu.sa/hhanafy | | | |
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| Research Interests: |
| Atomic Collision: (ion – surface collision & e-atom/ion collision) |
| Photonic Crystals: (electromagnetic waves propagations & photonic band gabs) |
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| Language |
| Arabic, English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1997-1999 | PhD Degree  (Atomic Physics ) | Internal part at Faculty of science, Beni-Suef, Cairo University |
| 2000-2002 |  | External part at Stockholm University , Sweden |
| 1991-1995 | MS. C. Degree (Experimental Physics) | Faculty of Science, Beni-Suef, Cairo University. |
| 1985-1989 | B. Sc. Degree (Physics) | Grade “very good “, Faculty of Science, Beni-Suef, Cairo University. |
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| --- | --- |
| Career | |
| 1989-1995 | Demonstrator , Physics Department, faculty of science, Beni-Suef, Cairo University |
| 1995-2002 | Lecturer , Physics Department, Faculty of Science, Beni-Suef, Cairo University |
| 2002-2011 | Assistant Professor, Physics Department, Faculty of Science, Beni-Suef, Cairo University |
| 2011- now | Assistant Professor , Physics Department, Zulfi College of Science, Majmaah university , Saudi Arabia |

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| --- | --- |
| Short Visits | |
| 2000-2002 | Atomic physics Department, Stockholm University , Sweden |
| 2011- | Assistant Professor, Physics Department, Zulfi College of Science, Majmaah university , Saudi Arabia. |

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| Publication |
| 1. H. Hamdy, M. A. K. El-Fayoumi, M. M. Mahdy, H. Hanafy and F. Shahin “ Excitation Function and Polarisation of Optical Radiation Induced by Electron Impact on Helium”  *Egypt. J. Phys.* Vol. 27*, No. 1-2* pp. 17-29 (1996)*.* |
| 1. T. Ali, H. Hanafy and F. Shahin “ Excitation Cross Section of the Calcium λ=468.52 nm line by Electron Impact” *4th Radiation Conference, Alexandra 15*-19 Nov.(1998). |
| 1. H. Hamdy, M. A. K. El-Fayoumi, M. M. Mahdy, H. Hanafy and F. Shahin “ Polarisation Measurements of the Emitted Light Induced by Electron Impact on Zinc Atoms” *Egypt. J. Phys.* Vol. 31*, No. 2 pp.* 189-196 (2000). |
| 1. Gy. Vikor, M. Bjorkhage, H. Hanafy, S. Leontein, A. paal, Z. D. Pesic, E. Lindroth, and R. Schuch " X- ray Emission from Slow Highly Charged Pb Ions Colliding with Metal Surfaces", 20th Summer School and International Symposium on the Physics of Ionized Gases, *Zlatibor, Yugoslavia*, September 4-8, (2000). |
| 1. R. Schuch , H. Hanafy, Z. D. Pesic, Gy. Vikor, V. Hoffmann, D.Niemann, and N.Stolterfoht. " Scattering of Highly Charged Ions from Solid Surfaces", 20th Summer School and International Symposium on the Physics of Ionized Gases, *Zlatibor, Yugoslavia*, *September* 4-8, (2000). |
| 1. Z. D. Pesic, H.Hanafy, V. Hoffmann, D.Niemann, R. Schuch, N.Stolterfoht and Gy. Vikor, " Energy and Angular Dependence of Neutralization in Scattering of Highly Charged Argon Ions from a Gold Surface" 20th Summer School and International Symposium on the Physics of Ionized Gases, *Zlatibor, Yugoslavia*, *September* 4-8, (2000). |
| 1. H.Hanafy, M. Bjorkhage, S. Leontein, E. Lindroth, Z. D. Pesic, B. Rosner, J. Weimer, Gy. Vikor, and R. Schuch, “Observation of Internal Dielectronic Excitation with Slow Highly Charged Lead Ions hitting a Surface” *Physica Scripta. TIB 116,* 1-4(2000) |
| 1. H. Hanafy, M. Bjorkhage, Z. D. Pesic, , E. Lindroth, Gy. Vikor, A. paal and R. Schuch, “ Relaxation time of Highly Charged Lead ions hitting a Metallic Surface” *Annual Report, Manne Siegabhn Laboratory, Sweden,* 52-54 (2000) |
| 1. Z. D. Pesic, J. Anton, S. Atanassova, H. Hanafy, Gy. Vikor, J. Weimer, M. Bjorkhage, S. Leontein and R. Schuch, “ Photon-Photon Coincidence Study in the Relaxation of Highly Charged Lead ions Colliding with Tantalum Foil” *Annual Report, Manne Siegabhn Laboratory, Sweden,* 32-34 (2001)*.* 2. M. A. El-Fayoumi, M. Mhahdy and H. Hanafy “Radiative Rates and Lifetimes for Highly Ionized Zinc Ions”, *Sixth Radiation Physics Conference, Assiut, Egypt,* 27-30 Oct. (2002). *Arab J. Nucl. Sci. Appl. , 36 - part 1 ,* 415, (2003) 3. H. Hanafy, G. Omar, and F. Shahin "Resonant Transfer Excitation Followed by X rays for Ar(8+,11+,13+) Ions with L-Shell Excitation", *XXIII International Conference on Photonic, Electronic and Atomic Collisions. Stockholm University, Sweden,* 23-29 July, (2003). 4. Gy. Vikor, J. Anton, S. Atanassova, A. Enulescu, H. Hanafy, A. Paal, Z. D. Pesic, and R. Schuch "Hollow Atom Relaxation Dynamics in Thin Metal Foils", *XXIII International Conference on Photonic, Electronic and Atomic Collisions. Stockholm University, Sweden,* 23-29 July, (2003). 5. Gy. Vikor, S. Atanassova, M. Bjorkhage, H. Hanafy, S. Leontein, Z. D. Pesic, and R. Schuch "Multiplet Photon Emission from Highly-Charged Pb Ions Interacting with Metal Foils", *XXIII International Conference on Photonic, Electronic and Atomic Collisions. Stockholm University, Sweden,* 23-29 July, (2003). 6. H. Hanafy, G. Omar, and F. Shahin, "Isonuclear Trends of Resonant Transfer Excitation for the Collision of Ar(8+,11+,13+) Ions with L-Shell Excitation" *First International Conference Modern Trends in Physics Research, Cairo Uni., Egypt,* 4-9 April (2004). *AIP, 748,* 118-125, (2005). 7. Hassan Hanafy "Resonant Electron Capture for Be-like Ions with K- and L- shell Excitation" *VII Radiation Physics and Protection Conference, Ismaillia, Egypt*, 27-30 Nov., (2004). *Arab J. Nucl. Sci. Appl. , 36 ,* 35-43, (2005). 8. Z. D. Pesic, Gy. Vikor, S. Atanassova, J. Anton, M. Bjorkhage, A. Paal, H. Hanafy and R. Schuch " Relaxation of slow highly charged ions hitting thin metallic foils, *Phys. Rev. A75 ,* 12903 (2007) 9. M. Shaban, H. Hanafy , H. Hamdy and F. Shahin, "Optical Excitation Function of the Sr and Sr+ resonance lines" *VIII Radiation Physics and Protection Conference, Beni Sueif- Fayoum, Egypt,* 13-15 Nov., (2006). *Arab J. Nucl. Sci. Appl., 40 ,* 405-413 , (2007). 10. H. Hanafy, G. Omar, and F. Shahin, "Resonant Transfer Excitation Cross sections for Phosphorus Ions with K-shell Excitation" *accepted for publication in World Scientific Conference Proceedings (2008).{in press}.* 11. H. Hanafy and F. Shahin, "Emission of x-Rays through the Recombination in thebvCollision of F-like Ions with Energetic Free Electrons",  *Egyption J. Solid vol. (31), no (2),* 259-267, (2008). 12. Z. D. Pesi, Gy. Vikor, H. Hanafy, A. Enulescu, and R. Schuch, " Two-photon coincidence studies of highly-charged ion relaxation in solids" *Eur. Phys. J. D* 54. 13. Arafa H Aly, and Hassan S. Hanafey" Polarization modes control on the transmittance characteristics of one dimensional photonic crystal", J . Comput. Theor. Nanosci., 8,1916, 2011. 14. Arafa H. Aly, Ehab Abdel-Rahman, Hassan S. Hanafey, *"* Numerical Studies on Electromagnetic Waves Properties in Metallic-Dielectric Photonic Crystal" , *Journal of Electromagnetic Analysis and Applications*, 2011, 3, 465-470. 15. Arafa H Aly, Ahmed Mehaney, and Hassan S. Hanafey, " Phononic Band Gaps in one Dimensional Mass Spring System", PIERS Proceedings 1043-1047, March 27-30, Kuala Lumpur, MALAYSIA, 2012. |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Low Temperature Physics | PHYS 451 | College of Science / Zulfi | Majmaah University |
| General Physics I | PHYS 201 | Faculty of Science Beni-Suef | Beni-Suef University |
| General Physics II | PHYS 202 | College of Science / Zulfi | Majmaah University |
| General Physics II | PHYS 202 | Faculty of Science Beni-Suef | Beni-Suef University |
| Optics | PHYS 323 | Faculty of Science Beni-Suef | Beni-Suef University |
| Optics | PHYS 323 | College of Science / Zulfi | Majmaah University |
| Optics Lab. | PHYS 493 | College of Science / Zulfi | Majmaah University |
| Modern Physics | PHYS 351 | Faculty of Science Beni-Suef | Beni-Suef University |
| Modern Physics Lab. | PHYS 494 | College of Science / Zulfi | Majmaah University |
| Electronic Lab. | PHYS 392 | Faculty of Science Beni-Suef | Beni-Suef University |
| Electronic Physics | PHYS 422 | Faculty of Science Beni-Suef | Beni-Suef University |
| Radiation Physics | PHYS 353 | Faculty of Science Beni-Suef | Beni-Suef University |
| Wave and Vibration | PHYS 321 | College of Science / Zulfi | Majmaah University |
| Atomic and Molecular Physics | PHYS 454 | College of Science / Zulfi | Majmaah University |
| Atomic and Molecular Physics | Phys 454 | Faculty of Science Beni-Suef | Beni-Suef University |

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| Conferences | | |
| Third International Conference on 'Modern Trend of Physics Research' MTPR-08 Physics Dept., Faculty of Science, Cairo University 6 – 10 April 2008 | | |
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| Training Experience |
| Training "Effective communication skills " , Aswan University , Egypt |
| Training "Effective teaching skills", Aswan University , Egypt |
| Training "Decision-making and problem-solving", Aswan University , Egypt |
| Training " E- Learning ", Majmaah University , Saudi Arabia |
| Training " The culture of E-learning" Majmaah University , Saudi Arabia |
| Training " The Skills of E-learning" Majmaah University , Saudi Arabia |

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| Practical Skills |
| ICDL (International Computer Driving License ) |
| Zertifikat Deutsch (Goethe –Zertifikat G3) |
| Latex Writing , Web Design , Dream weaver |
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**Ass. Prof. Ibrahim Shaarany Hegy Mahmoud**

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|  | Assistant Professor  Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044102 | | Mobile |  | +966537292447 | | Fax: |  | +966164227484 | | E-Mail: |  | i.shaarany@mu.edu.sa | | Office: |  | Room S163 | | Homepage: http://faculty.mu.edu.sa/ishaarany | | | |
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| Research Interests: |
| Theoretical Physics: (Particle Physic) |
| Language |
| Arabic, English |

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| Qualification (Career and University Education) | | |
| 1990-1993 | B. Sc. Degree (Physics) | Grade “Very Good with Honor“, Faculty of science, Suez Canal University (Egypt). |
| 1996-1998 | MS. C. Degree (Theoretical Physics) | Faculty of Science, Faculty of science, Suez Canal University (Egypt). |
| 2002-2004 | PhD Degree  (Theoretical Physics ) | Faculty of Science, Suez Canal University (Egypt). |
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| --- | --- |
| Career | |
| 1993-1998 | Demonstrator at Department of Physics, faculty of Science, Suez Canal University (Egypt). |
| 1998-2004 | Assistant Lecturer at Department of Physics, faculty of Science, Suez Canal University (Egypt). |
| 2004 - 2006 | Lecture at Department of Physics, faculty of Science, Suez Canal University (Egypt). |
| 2006-2010 | Assistant Professor at Faculty of Science and Art, Ben-Gazzy university , Lybia |
| 2011-Now | Assistant Professor at Department of Physics , Faculty of Science, Majmaah university , Saudi Arabia |

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| Publication |
| 1. I.S. Mahmoud and T. Abd El-Azim, "*Photoproduction of Lightest Neutral MSSM Higgs Boson*", 4th Conference on Nuclear and Particle Physics,11-15 Oct. 2003, Fayoum, Egypt |
| I.S. Mahmoud, "*Production of Heavy Neutral MSSM Higgs Boson in Photon–Electron Colliders*", 4th Conference on Nuclear and Particle Physics,11-15 Oct. 2003, Fayoum, Egypt |
| 1. I.S. Mahmoud, "*The Higgs mass using E-infinity theory" Journal of Chaos, Solitons & Fractals, Volume 30, Issue 2, October 2006, Pages 263-268* |
| 1. I.S. Mahmoud, "*Production of Lightest Neutral MSSM Higgs Boson in Association with Neutralinos pair at Electron Positron Colliders*", prepared for submitting to the European physical journal c. |
| 1. I.S. Mahmoud and T. Abd El-Azim, *" Production of Lightest Neutral MSSM Higgs Boson in Association with sLepton pair at Electron Positron Colliders"* prepared for submitting to the *International Review of Physics (IREPHY) (6) 2012 .* |

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| Teaching Experience | | | |
| Electrodynamics, Electromagnetism, Electricity and Magnetism, Special theory of Relativity, Quantum Mechanics |  |  | Suez Canal Universtiy, Egypt |
| Quantum Mechanics, Mathematical Physics, General Physics, Electricity and Magnetism, |  |  | Majmaah University, KSA |

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| Conferences | | |
| Egypt France Mathematics Conference | France Embassy | 2010 |
| Conference on Topology and its Application | Tanta | 2010 |
| Fifth Annual Conference | Cairo | 2007 |

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| Training Experience |
| Training Workshop of E-Learning, American University in Egypt, Cairo, Egypt, from 15/11/2005 to 30/12/2005. |
| Training " E- Learning ", Majmaah University , Saudi Arabia |
| Training " The culture of E-learning" Majmaah University , Saudi Arabia |
| Training " The Skills of E-learning" Majmaah University , Saudi Arabia |

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| Practical Skills |
| Unix, Linux (RedHat, Mandrava), Windows |
| MatLab, Mathematica, Maple, Origin, Grace, Latex, SWP, Calchep, FeynArt, FeynCalc. |
| Latex Writing , Web Design , Dream weaver |
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**Dr. Abdu Idris omer**

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|  | Professor Assistant  Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044098 | | Mobile |  | +966543300804 | | Fax: |  | +96664227484 | | E-Mail: |  | a.idris@mu.edu.sa | | Office: |  | Room S160 | | Link to Homepage[**http://faculty.mu.edu.sa/aidris**](http://faculty.mu.edu.sa/aidris) | | | |
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| Research Interests: |
| Electronic Systems |
| Microelectronics |
|  |
| Language Skills |
| Arabic, English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1985-1992 | B. Sc. Degree (Electronics) | Division Two Upper, Grade “very good “, Faculty of science and Technology, Wad Medani, Gezira University. |
| 1996-1998 | MS. C. Degree (Experimental Electronics) | Faculty of Engineering, Universiti Putra Malaysia, Kualau Lumpor, Malaysia. |
| 1998-2002 | PhD Degree  (Electronic systems Engineering ) | Faculty of Engineering, Kuala lumpor, Universiti Putra Malaysia. |
|  | External part at Stockholm University , Sweden |

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| --- | --- |
| Career | |
| 1993-1995 | Demonstrator at Department of Applied Physics Electronics & Instrumentation, faculty of science and Technology, Wad Medani, Gizera University |
| 2002-2009 | Assistant Professor at Department of Applied Physics, Electronics & Instrumentation, Faculty of Science and Technology , Wad Medani, Gizera University |
|  |  |
| 2010- | Assistant Professor at Department of Physics, Faculty of Science, Majmaah university , Saudi Arabia |

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| Short Visits | |
|  |  |
| 2010- | Visiting Lecturer for Physics Department , Majmaah university |

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| Publication |
|  |
| 1. Abdu Idris Omer, Taleb M.M. " ARCHITECTURE OF INDUSTRIAL AUTOMATION SYSTEMS", European Scientific Journal January 2014 edition vol.10, No.3 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431, |
| 1. Abdu Idris Omer, Taleb M.M." MEASUREMENT SYSTEMS: CHARACTERISTICS AND MODELS", European Scientific Journal March 2014 edition vol.10, No.9 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431. |
| 1. Taleb M. Maslamani , Abdu Idris Omer, " DEVELOPMENT OF SOLAR THERMOELECTRIC GENERATOR", European Scientific Journal March 2014 edition vol.10, No.9 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431. |
| 1. Sulieman M.S. Zobly and Abdu I. Omer “Development a simulated method for continuous monitoring radiation in the nuclear medicine department (Wad Medani)”, Gezira j. of eng. & applied sci.4 (1) :1 – 14 (2009) |
| 1. Sulieman M.S. Zobly and Abdu I. Omer “Developing an Induction Heating & hardening System”, Gezira j. of eng. & applied sci.3 (2) :38 – 51(2008). 2. Yousif A. Abdu I. Omer, “Development of a computerized system for weft insertion based on Dobby device mechanism”, Gezira j. of eng. & applied *sci.4 (1) :120 – 136 (2009).* 3. Khalid O. Daffallah, Mutaz M. Fadl Allah, Abdu I. Omer, "Design and Development of a Photovoltaic Water Pumping" Gezira j. of eng. & applied . sci. 5 (1) :1 –15 (2010). 4. Abdu Idris Omer, "Modeling and Analyzing Electric Circuits", 1st Global Virtual Conference April, 8. - 12. 2013. 5. Abdu I. Omer, Mohammed A. Alhadi, "Development of a Microcontroller Based Security Lock for a Car Engine", 1st Global Virtual Conference April, 8. - 12. 2013 6. Abdu, I. Omer, Zamri, I. and Rahman W. “Development of Computer-based interfacing board for Chlorpyrifos detection using an Amperometric Biosensor”, Proceedings of the 13th National Biotechnology Seminar 2001, Jointly organized by National Biotechnology Directorate, Ministry of Science, Technology and the Environment, Malaysia, pp. 224-226, from 10-13th Nov. 2001 in the Bayview Beach Resort, Penang, Malaysia. 7. Abdu, I. Omer, Bambang S. Suparjo, Rahman W. Wagiran “Multi-channel PC-Based Instrumentation System”. Proceedings of the National Real-time Technology and applications Symposium (RENTAS 2000), pp 99-103. Auditorium MIMOS, MIMOS Berhad, Technology Park, Malaysia, Kuala lumpur, Malaysia. 17-18 Oct. 2000 8. Abdu, I. Omer, Bambang S. Suparjo, Rahman W. Wagiran, Zamri, I. “An Amperometric Sensor for the Detection of Organophosphate Pesticide”, Conference on 1999 IEEE National Symposium on Microelectronics, organized by The institution of Electrical and Electronic Engineers Inc. IEEE Malaysian Section Electron Devices Chapter, September 6-7, 1999 The Pan Pacific Resort Pangkor, Malaysia. 9. Zamri, I. and Abdu, I. Omer “Biosensor System to Detect Organophosphate Pesticide”, Proceedings of the 9th Malaysian Society of Plant Physiology Conference 1998, Organized by Malaysian Society of Plant Physiology, 1-2 Sep. 1998. 10. Zamri, I. Salmah AA, Abdu I. Masnizar M. and Anuar A. “Development of Fiber Optic Biosensor For Detection of Pesticide Residues Using Enzyme as a Bioreceptor”, Proceedings of the 12th National Biotechnology Seminar 2000, Jointly Organized by Molecular Biology BCC at Universiti of Malaya and Biotech Ministry of Science Technology & the Environment, Malaysia, pp. 49-51. From 12-15th Nov. 2000 at Lumut, Perak Darul Ridzuan, Malaysia. |
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| Teaching Experience | | | |
| General Physics | PHIS101 | AlZulfi Science | Majmaah University |
| General Physics | PHYS202 | AlZulfi, Science | Majmaah University |
| General Physics | PHIS104 | AlZulfi Science | Majmaah University |
| Electronics 1 | PHIS324 | AlZulfi Science | Majmaah University |
| Electronics 2 | PHIS425 | AlZulfi, Science | Majmaah University |
| Electronics | PHYS422 | AlZulfi, Science | Majmaah University |
| Transistor Circuits | Electronics | Wad Medni, Science and Technology | Sudan |
| Electronic Design | Electronics | Wad Medni, Science and Technology | Sudan |
| Microprocessors | Electronics | Wad Medni, Science and Technology | Sudan |

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| Conferences | | |
| Universiti Putra Malaysia, World Engineering Congress 1999, Malaysia |  |  |
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| Training Experience |
| Training " National Training course on interfacing in scientific Experiments " , Sudan Atomic Energy Commission, Sudan. |
| Training " How to use a computer for teaching Engineering Sciences using the MatLab software " National Assembly, Ministry of Higher Education and Scientific Research, Sudan. |
| Training " National training course on microprocessor-based instruments including operation, troubleshooting and repair ", Sudan Atomic Energy Commission, Sudan. |
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| Practical Skills |
| Computer assembly, maintenance and troubleshooting course ", Irfan Technologies Sdn, Bhd, kualalumpure, Malaysia. |
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**Dr. Taleb Maslamani**

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|  | Professor Assistant  Mathematics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044097 | | Mobile |  | +9665 | | Fax: |  | +96664227484 | | E-Mail: |  | t.maslamani@mu.edu.sa | | Office: |  | Room S156 | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| Research Interests: |
| Radio wave |
| radio – thermography |
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| Language Skills |
| Arabic , Russian , English |

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| Qualification (Career and University Education) | | |
|  | B. Sc. Degree (Engineer ) Tashkent of radio Technical and communication – Uzbekistan |  |
|  | MS. C. Degree (Engineer) Tashkent of radio Technical and communication – Uzbekistan |  |
|  | PhD Degree  (physics ) Kharkov State Radio and Technical University –Ukraine |  |
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| --- | --- |
| Career | |
|  |  |
| 2002-2006 | Assistant Lecturer at Department of Physics , faculty of science- Omer Al-Mokhtar University –libya |
|  | , |
| 2007-2010 | Assistant Professor at Department of Physics , Faculty of Science, Al-Qassim university , Saudi Arabia |

2010- until now Assistant Professor at Department of Physics , Faculty of Science, Majmaah university , Saudi Arabia

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| Short Visits | |
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| Publication |
| 1. Dolzhikov V.V, Maslamani T.M, "Small-sized antenna for medical application " Theses of reports of International conference , Kharkov,-1995.-p.111. |
| 1. Maslamani T.M." Method of calculation of applicator electromagnetic field in biological medium " , Radio Electronics and Information Science .-1998.-No.3.-p.4-9 . |
| 1. Maslamani T.M." Calculation of resonator –slot antenna with wire activator of arbitrary form " , Radio Electronics and Information Science .-1998.-No.4.-p.13-16 . |
| 1. Maslamani T.M ," Materials of the 8th International Crimean Conference On SHFs " –Sevastopol , -1997 .-p.518-520. |
| 1. Sakalo C.N ., Maslamani T.M., " Vibrator –slot applicator " Bulletin of Kharkov University . -1999 . No 1. P.173-175 . |
| 1. Abdu Idris Omer ., Taleb M.M., "Architecture of Industrial Automation Systems " European Scientific Journal ., 2014 .,vol.10, No.3 ISSN, .P.273-283 . |
| 1. Taleb M.M, Abdu Idris Omer . " Development of solar Thermoelectric Generator " European Scientific Journal ., 2014 .,vol.10, No.9 ISSN, .P.123-134. |

1. **Abdu Idris Omer, Taleb M.M . " Measurement Systems:** Characteristics and Models " **European Scientific Journal ., 2014 .,vol.10,** No**.9 ISSN, .P.248-260.**

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| General Physic I | PHYS101 | Omer Al-Mokhtar University –Libya |  |
| General Physic II | PHYS202 | Omer Al-Mokhtar University –Libya |  |
| Electromagnetism I | PHYS 221 | Qassim University & Majmaah University |  |
| Electromagnetism II | PHYS321 | Qassim University & Majmaah University |  |
| Mathematical Physic I | PHYS203 | Majmaah University |  |
| Mathematical Physic II | PHYS302 | Majmaah University |  |
| Mathematical Physic III | PHYS303 | Majmaah University |  |
| Wave and Vibration I | PHYS231 | Majmaah University |  |
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| Conferences | | |
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|  |  |  |
|  |  |  |
| Training Experience | | | |
| |  | | --- | | Training "Effective communication skills " ,Omer Al-Mokhtar University | | Training "Effective teaching skills", Omer Al-Mokhtar University | | Training "Decision-making and problem-solving", Omer Al-Mokhtar University | | Training " E- Learning ", Majmaah University , Saudi Arabia | | Training " The culture of E-learning" Majmaah University , Saudi Arabia | | Training " The Skills of E-learning" Majmaah University , Saudi Arabia | | | | |

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| Practical Skills |
| Microsoft office |
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**Assistant Prof. Dr. Mohammed Hassen Eid Abu-Sei'leek**

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|  | Assistant Professor Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044101 | | Mobile |  | +966-550484278 | | Fax: |  | +966164227484 | | E-Mail: |  | m.abuseileek@mu.edu.sa | | Office: |  | Room S162 | | Link to Homepage: http://faculty.mu.edu.sa/mabuseileek/ | | | |
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| --- |
| Research Interests: |
| Theoretical Nuclear Structure Computations. |
| Compressed Finite Nuclei. |
| Heated Finite Nuclei. |
| Heavy Ion Collisions. |
| Astrophysics. |
| Exchange Meson Theory. |
| Intermediate Energy Physics. |
| Thermal Properties of Finite Nuclei. |
| Language Skills |
| Arabic, English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1991-1995 | B. Sc. Degree (Physics) | Grade “very good “, Faculty of science, Yarmouk University, Irbid, Jordan. |
| 1996-1999 | MS. C. Degree (Medicalphysics) | Grade “very good “, Faculty of science, University of Jordan, Amman, Jordan. |
| 2002-2007 | PhD Degree  (Nuclear Physics ) | Grade “very good “, Faculty of science, University of Jordan, Amman, Jordan. |
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| --- | --- |
| Career | |
| 09/09/2011– | " Assistant Professor" at Majmaah university, Al-Zulfi, Kingdom of Saudi Arabia |
| 14/10/2008– 05/09/2011 | " Assistant Professor" at Al-Jouf university, Al-Jouf, Skaka, Kingdom of Saudi Arabia |
| 13/2/2000 – 14/10/2008 | " Instructor" at Hashemite university, Zarqa , Jordan. |
| 1/9/1996-1/7/1999 | " Teaching Assistant " at University of Jordan, supervising Freshman Lab., radiation and medical Lab. |
| 24/9/1996-13/2/2000 | " Physics teacher" at public school in Zarqa, Jordan. |
| 16/9/ 1995 - 24/9/1996 | "Technician of physics Lab. " at Al-Isra University , Amman , Jordan . |

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| Publication |
| Abu-Sei’leek, M., 2011, “Delta Excitation Calculation Studies in Compressed Finite Spherical Nucleus 40Ca” , Nucl. Phys. Rev. 28 (4),416. |
| Abu-Sei’leek, M., 2011, “Doubly-Magic 100Sn Nucleus with Delta Excitation under Compression” J. Phys. Soc. Jpn. 80 (10) 104201. |
| Abu-Sei’leek, M., 2011, “Delta Excitation Calculation Studies in the Ground State of the compressed Finite Heavies Doubly-Magic 100Sn Nucleus” Turk. J. Phys.35 , 1. |
| Abu-Sei’leek, M., 2011, “Resonances-Excitation Studies Investigation of ∆(3,3) in Ground State of 90Zr Cold Finite Heavy Nuclei at Equilibrium and Under Compression ”, Commun. Theor. Phys. 55(01),115. |
| Abu-Sei’leek, M., 2011, “Hartree-Fock Calculation Studies Investigation of Δ(3,3) Resonances in the Ground State of Compressed Heavy Spherical Finite Nucleus 132Sn”, International J. of Pure and Applied Phys.,7(1),73. |
| Abu-Sei’leek, M., 2011, “Investigation of Δ(3,3) Resonances Effects on the Properties of Neutron-Rich Double Magic Spherical Finite Nucleus, 132Sn, in the Ground State and Under Compression”, Pramana- J. Phys. 76 (4),573. |
|  |
| Abu-Sei’leek, M. and Hasan M., 2010,“Δ-Resonances in Ground State Properties of Spherical Cold Finite Nucleus at Equilibrium and Under Compression”, Commun. Theor. Phys. 54 (2),339. |
| Abu-Sei’leek, M., 2010, “Delta Excitation in Compressed Neutron-Rich Double Magic Spherical Finite Nucleus 132Sn”, Nucl. Phys. Rev. 27(4),399. |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| E-learning Courses. |  |  |  |
| Modern Physics. |  |  |  |
| Introductory Physics. |  |  |  |
| Nuclear Physics (I). |  |  |  |
| Nuclear Physics (II). |  |  |  |
| Neutron Physics. |  |  |  |
| Radiation Physics. |  |  |  |
| Classical Mechanics (II). |  |  |  |
| Quantum Mechanics (I). |  |  |  |
| Quantum Mechanics (II). |  |  |  |
| Statistical Physics. |  |  |  |
| Freshman Laboratories. |  |  |  |
| Radiation and Medical Laboratory. |  |  |  |
| Advance Laboratories. |  |  |  |
| General Physics Courses for Medical, Science, and Engineering Students. |  |  |  |
| Computational Physics. |  |  |  |
| The Physics of Vibrations and Waves. |  |  |  |
| Nuclear Physics Laboratories. |  |  |  |
| Seminars (Graduate Projects). |  |  |  |

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| Conferences | | |
| The Energy & Materials Research Conference | Zurbarán, Badajoz, Spain | 2012 |
| Fifth Saudi Science Conference | Makkah, Saudi Arabia | 2012 |
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| Training Experience |
| * ICDL Certificated |
| * The Desire2Learn Community (E-LEARNING) |
| * A COURSE IN THE INTEGRATION OF TECHNOLOGY IN UNIVERSITY TEACHING |
| * E-LEARING CULTURE |
| * PROFESSIONAL PARTICIPATION OF FILES AND REMOTE PROJECTS |
| * SKILLS OF E-LEARING SYSTEMS |
| * ActivInspire |
| * BASIC |
| * PASCAL |
| * FORTRAN |
| * MATHEMATICA |
| * UNIVERSITY EDUCATIONAL TOOLS TECHNOLOGY |
| * LECTORA (E-LEARNING) |
| * TEGRITY |
| * ELLUMINATE |
| * BLACKBOARD |
| * E-LEARING AND THE DESIGN OF ELECTRONIC COURSE ACROSS THE WEB |
| * E-EDUCATION SYSTEM AND BRIDGES |

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| Practical Skills |
| ICDL(International Computer Driving License ) |
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| Latex Writing. |
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**Dr. Khaled Ben abdessalem**

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| D:\WORKS 2013\JOBS 2013\CV+Publications 2012\khaled 001.jpg | Assistant Professor Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044133 | | Mobile |  | +966569326140 | | Fax: |  | +96664227484 | | E-Mail: |  | k.abdessalem@mu.edu.sa | | Office: |  | Room S162 | | Link to Homepage: http://faculty.mu.edu.sa[/kabdessalem](http://faculty.mu.edu.sa/salzobaidi)/ | | | |
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| Research Interests: |
| Mechanical Engineering, Biomechanics |
| Computational and experimental biomechanical analysis of the cardiovascular system and its application to clinical diagnosis and intervention, |
| Cardiovascular prostheses, and medical devices |
| Language Skills |
| Arabic (native), English, French. |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1993-1998 | B. Sc. Degree (Physics) | Faculty of science / University of Monastir/ Tunisia |
| 2001-2002 | MS. C. Degree (Rheology of the material, complex materials and industrial fluids) | University Paris 7-denis Diderot / French |
| 2003-2008 | PhD Degree  (Mechanical Engineering : Biomechanics) | University Paris 7-denis Diderot / French |
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| --- | --- |
| Career | |
| 2012-recent | **Assistant Professor** College of science in al-Zulfi / *Majmaah University*  Saudi Arabia |
| 2010-2012 | **Assistant Professor** Higher Institute of Applied Mathematics and Computer sciences/ University of Kairouan/ TUNISIA |
| 2009-2012 | **Assistant Professor** Higher Institute of Medical Technologies of Tunis. |
| 2008-2014 | **Researcher** laboratory of Biophysics **/** *Higher Institute of Medical Technologies of Tunis* / TUNISIA |
| 2004-2010 | **Physics Teacher for MES,** *Schools & College* / TUNISIA |
| 2002-2004 | **Physics Teacher for MES,** *Schools & College* / FRENCH |

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| Short Visits | |
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| Publication |
| Khaled Ben Abdessalem, Propagation D'onde Dans Un Milieu Viscoélastique : application au système artériel, Presses Académiques Francophones AV Akademikerverlag Gmbh & Co. KG, ISBN 978-3-8381-7335-1(2012) |
| K.B. Abdessalem and R. B. Salah, Pulse wave velocity in arteries using centre line velocity and radius Effect of terminal impedance and measurement errors", Signals and Telecommunication Journal, Mars 2013. |
| K.B. Abdessalem, P. Flaud, W. Shtout & R. B. Salah, Non-invasive method for measuring local pulse wave velocity in arteries: part I, Computer Methods in Biomechanics and Biomedical EngineeringVolume 15, Supplement 1, September 2012, pages 108-109 |
| K.B. Abdessalem, P. Flaud, W. Shtout & R. B. Salah, Non-invasive method for measuring local pulse wave velocity in arteries: part II, Computer Methods in Biomechanics and Biomedical Engineering Volume 15, Supplement 1, September 2012, pages 63-65 |
| K. B. Abdessalem; S. Mansouri; R. B. Salah; S. B. Abdessalem, New technique of flow rate and pressure separation within the arterial system: Part II, Computer Methods in Biomechanics and Biomedical Engineering, 12: 11-12 (2010). |
| K. B. Abdessalem; S. Mansouri; R. B. Salah; S. B. Abdessalem, New technique of flow rate and pressure separation within the arterial system: Part I, Computer Methods in Biomechanics and Biomedical Engineering, 12: 9-10 (2010). |
| K. B. Abdessalem and S.B. Abdessalem, New technique of characteristic impedance determination within the arterial system: Part II, O. Dössel and W C. Schlegel (Eds.): WC 2009, IFMBE Proceedings 25/IV, pp. 1361–1364, (2009). |
| K. B. Abdessalem and S. B. Abdessalem, New technique of characteristic impedance determination within the arterial system: Part I. O. Dössel and W C. Schlegel (Eds.): WC 2009, IFMBE Proceedings 25/IV, pp. 1953–1956, 2009 |
| K. B. Abdessalem and S. B. Abdessalem, Effect of positioning measurement probes on the determination of propagation coefficient using two-point methods, Computer Methods in Biomechanics and Biomedical Engineering, 12: 19-22 (2009). |
| K. B. Abdessalem, W. Sahtout, P. Flaud, M. H. Gazah and Z. Fakhfakh, Numerical simulation of non-invasive determination of the propagation coefficient in arterial system using two measurements sites, The European Physical Journal Applied Physics 40: 211-219(2007). |
| K. B. Abdessalem and S. B. Abdessalem, New technique of flow rate and pressure separation within the arterial system, American Society of Biomechanics Annual Conference—August 26–29, (2009). |
| S. Mansouri, I. Maaoui, R. Ben Salah, H Mahjoubi, A Mami, K. B. Abdessalem and S.B. Abdessalem, FPGA-Based derivative module for plethysmographic signal, Medical Physics and Biomedical Engineering World Congress - the triennial scientific meeting of the IUPESM-Munich, Germany, 7 – 12 September, 2009. |
| K. B. Abdessalem, W. Sahtout, P. Flaud, Z. Fakhfakh, New method for determining the wave speed in the arterial system, 2nd International Francophone Congress for Advanced Mechanics, Aleppo-Syria, 14-16 May,2007. |
| K. B. Abdessalem, W. Sahtout, P. Flaud and Z. Fakhfakh, Non-invasive determination of the position of obstruction in arterial system, Third International Conference on Advances in Mechanical Engineering and Mechanics, ICAMEM 06, Hammamet, 17,19 Dec. 2006. |
| K. B. Abdessalem, W. Sahtout, P. Flaud, Z. Fakhfakh, 2006, New noninvasive method of determination of wave speed and attenuation in arterial system, Third International Conference on Advances in Mechanical Engineering and Mechanics, ICAMEM 06, Hammamet, 17,19 Dec. 2006. |
| K. B. Abdessalem, Sahtout W, and Flaud P, Fakhfakh Z, Non-invasive determination of the propagation coefficient from measurements of velocity in three sections of an arterial trunk, 5th National Conference of flow and Transfers, Monastir, 19-21 March 2006. |
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| Teaching Experience | | | | |
| General Physics I | PHYS 201 | Higher Institute of Applied Mathematics and Computer  sciences | | Kairouan University |
| General Physics II | PHYS 202 | College of Science / Zulfi | | Majmaah University |
| Health Physics | PHYS 334 | College of Science / Zulfi | | Majmaah University |
| Vibration and Waves I | PHYS 231 | College of Science / Zulfi | | Majmaah University |
| Electromagnetism Lab. | PHYS 392 | College of Science / Zulfi | | Majmaah University |
| Basic Statistical Mechanics and Low Temperature physics | PHYS 473 | College of Science / Zulfi | | Majmaah University |
| Vibration and Waves II | PHYS 332 | College of Science / Zulfi | | Majmaah University |
| Mathematical Physics II | PHYS 302 | College of Science / Zulfi | | Majmaah University |
| Geometrical Optics | PHYS 332 | Higher Institute of Applied Mathematics and Computer  sciences | | Kairouan University |
| Optics Lab | PHYS **393** | College of Science / Zulfi | | Majmaah University |
| Thermodynamics | PHYS 241 | Higher Institute of Applied Mathematics and Computer  sciences | | Kairouan University |
| Classical Mechanics | PHYS 211 | Higher Institute of Applied Mathematics and Computer  sciences | | Kairouan University |
| Biophysics | PHYS 361 | College of Science / Zulfi | | Majmaah University |
| Bio-rheology, cardiovascular biomechanics |  | Higher Institute of Medical Technologies | | University Tunis |
| Fluid mechanics  Modeling and numerical methods for physics |  | Higher Institute of Medical Technologies | | University Tunis |
| Computational physics | **PHYS 405** | **Higher Institute of Medical Technologies** | University Tunis | |
| General Physics Courses for  Medical, Science, and Engineering  Students. | PHYS 101 | College of Engineering/ Zulfi | Majmaah University | |

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| Conferences | | |
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| Training Experience |
| Activinspire |
| E-education system and bridges |
| Basic |
| Integration of technology in university teaching |
| Skills of e-learing systems |
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| Practical Skills |
| Computational physics (finite volume, finite elements, spectral methods) |
| Ultrasound, Laser-Doppler, particle imaging velocimetry |
| Modeling and numerical simulation, COMSOL Multiphysics, MATLAB, |
| Linux, Windows XP, Adobe PhotoShop, Adobe Acrobat, Macromedia Dream Weaver, Macromedia Flash MX, Microsoft PowerPoint, Microsoft Excel. |

**Dr. Ahmed Adel**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Assistant Professor  Physics Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +9666404 | | Mobile |  | +966580442241 | | Fax: |  | +96664227484 | | E-Mail: |  | aa.ahmed@mu.edu.sa | | Office: |  | Room S159 | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| --- |
| Research Interests: |
| Low energy Nuclear Reactions |
| Synthesis and Structure of Superheavy Nuclei |
| Heavy ion Interactions |
| Language Skills |
| Arabic, English |

|  |  |  |
| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 2000-2004 | B. Sc. Degree (Physics) | Grade “Excellent with Distinction”, Faculty of Science, Cairo University |
| 2005-2007 | MS. C. Degree (Theoretical Nuclear Physics) | Faculty of Science, Cairo University |
| 2007-2010 | PhD Degree  (Theoretical Nuclear Physics ) | Faculty of Science, Cairo University |
|  |  |

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| --- | --- |
| Career | |
| 2004-2007 | Demonstrator at Department of Physics, Faculty of Science, Cairo University |
| 2007-2010 | Assistant Lecturer at Department of Physics, Faculty of Science, Cairo University |
| 2010 – 2013 | Lecture at Department of Physics, Faculty of Science, Cairo University |
| 2013-Present | Assistant Professor at Department of Physics , Faculty of Science, Majmaah University , Saudi Arabia |

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| --- | --- |
| Short Visits | |
| 2011 | Scholar at Joint Institute of Nuclear Reactions, Dubna, Moscow Oblast, Russia |
| 2013 | Scholar at Joint Institute of Nuclear Reactions, Dubna, Moscow Oblast, Russia |

|  |
| --- |
| Publication |
| 1. M. Ismail, A. Y. Ellithi, M. M. Botros, and A. Adel, "Systematics of α-decay half-lives around shell closures", *Physical Review C 81, 024602 (2010).* |
|  |
| 1. M. Ismail, A. Y. Ellithi, M. M. Botros, and A. Adel, "Binding energies of even-even superheavy nuclei in a semi-microscopic approach", *Physics of Atomic Nuclei 73, 1660 (2010).* |
|  |
| 1. M. Ismail, A. Y. Ellithi, H. Elgebaly, M. M. Botros, and A. Adel, "On the sharp surface model for coulomb and nuclear interactions between two deformed nuclei", *International Journal of Modern Physics E* 19, 371 (2010). |
|  |
| 1. M. Ismail and A. Adel, "Orientation dependent behavior of the Coulomb barrier parameters for deformed-deformed nuclei", *Nuclear Physics A 859, 1 (2011).* |
|  |
| 1. M. Ismail and A. Adel, "Azimuthal angle dependence of the Coulomb barrier parameters for the interaction between two deformed nuclei", *Physical Review C* 84, *034610 (2011).* |
| 1. M. Ismail and A. Adel, "Shell corrections for heavy and superheavy nuclei", *International Journal of Modern Physics E, vol. 21, 1250062 (2012)*. |
| 1. V. A. Rachkov, A. Adel, A. V. Karpov, A. S. Denikin, and V. I. Zagrebaev, "Effect of neutron transfer in the fusion process near and below the Coulomb barrier", *AIP Conference Proceedings*, *vol. 1491, pp. 381-382, 2012.* |
| 1. A. Adel, V. A. Rachkov, A. V. Karpov, A. S. Denikin, M. Ismail, W. M. Seif, and A. Y. Ellithi, "Effect of neutron rearrangement on subbarrier fusion reactions", *Nuclear Physics A*, *876, 119 (2012).* |
| 1. M. Ismail and A. Adel, "Correlation between α-particle preformation probability and the energy levels of parent nuclei", *Physical Review C* 86, 014616 (2012). |
| 1. V. A. Rachkov, A. Adel, A. V. Karpov, A. S. Denikin, and V. I. Zagrebaev, "[Effect of neutron transfer channels in fusion reactions with weakly bound nuclei at subbarrier energies](http://scholar.cu.edu.eg/?q=adel/publications/effect-neutron-transfer-channels-fusion-reactions-weakly-bound-nuclei-subbarrier-e)", *Bulletin of the Russian Academy of Sciences: Physics*, vol. 77, no. 4, pp. 411-415, 2013. |
| 1. M. Ismail, and A. Adel, "[Effect of energy level sequences and neutron-proton interaction on α-particle preformation probability](http://scholar.cu.edu.eg/?q=adel/publications/effect-energy-level-sequences-and-neutron-proton-interaction-%CE%B1-particle-preformati)", *Nuclear Physics A*, vol. 912, pp. 18-30, 2013. |
| 1. M. Ismail, and A. Adel, "[Prediction of nuclear spin based on the behavior of α-particle preformation probability](http://scholar.cu.edu.eg/?q=adel/publications/prediction-nuclear-spin-based-behavior-%CE%B1-particle-preformation-probability)", *Physical Review C*, vol. 88, issue 5, pp. 054604, 2013. |
| 1. M. Ismail, and A. Adel, " [Effect of deformation parameters, Q value, and finite-range NN force on α-particle preformation probability](http://journals.aps.org/prc/abstract/10.1103/PhysRevC.89.034617)", *Physical Review C*, vol. 89, pp. 034617, 2014. |
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| --- | --- | --- | --- |
| Teaching Experience | | | |
| General Physics | Phys. 101 | Cairo University |  |
| Statistical Mechanics | Phys. 351 | Cairo University |  |
| Classical Mechanics | Phys. 221 & Phys. 222 | Cairo University |  |
| Quantum Mechanics | Phys. 321 | Cairo University |  |
| Computational Nuclear Physics | Phys. 427 | Cairo University |  |
| General Physics | Phys. 128 | Majmaah University |  |
| Nuclear Physics I | Phys. 481 | Majmaah University |  |

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| --- | --- | --- | --- |
| Conferences | | | |
| Attended the “International Workshop on “Nuclear Science and Education” | | Cairo University | 2009 |
| Italian Scientific Seminar Series in Egypt “Present Status of Research in Controlled Thermonuclear Fusion” by Dr. Francesco Romanelli. | Cairo University | | 2010 |
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| Training Experience |
| Training “ The Credit Hour System”, Cairo University, Egypt |
| Training “Competing for Research Funds”, Cairo University, Egypt |
| Training “ Scientific Publication”, Cairo University, Egypt |

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| --- |
| Practical Skills |
| Programming Using “Fortran and C++” |
| Mathematica |
| Latex Writing |
|  |

**Dr. Sajad Hussain**

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| G:\Bhatti\personal\jobs and postdoct\lucas german\visa\New folder\id card HB.jpg | Assistant Professor Department of Physics Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044025 | | Mobile |  | +9665822506 | | Fax: |  | +96664227484 | | E-Mail: |  | s.abdullah@mu.edu.sa | | Office: |  | Room S | | Link to Homepage: http://faculty.mu.edu.sa/ | | | |
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| --- |
| Research Interests: |
| Solar cells, |
| Energy harvesting nanomaterials |
| Growth and characterization of Functional Nanomaterials |
| Language Skills |
| English, Urdu, Chinese |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 2000-2004 | B. Sc. Degree (Physics) | Punjab University Pakistan |
| 2005-2007 | MS. C. Degree (Physics) | University of Agriculture Faisalabad, Pakistan |
| 2008-2012 | PhD Degree  (Materials Physics and Chemistry ) | Beijing Institute of Technology, China |
|  |  |

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| --- | --- |
| Career | |
| July, 2012-Feb, 2013 | Assistant Professor, Department of Physics, Government College University, Faisalabad, Pakistan |
| Mar,2013- July 2013 | Assistant Professor, Department of Physics, COMSATS Institute of Information Technology, Islamabad, Pakistan |
| Oct, 2013-to date | Assistant Professor, Department of Physics, Faculty of Science, Majmaah university, Saudi Arabia |
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| Short Visits | |
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| Publication |
| S. Hussain, C. Cao, G. Nabi, W. S. Khan, Z. Usman, T. Mahmood. Effect of Electrodeposition and annealing of ZnO on optical and photovoltaic properties of the p-Cu2O/n-ZnO solar cells. Electrochimica Acta 56, 2011, 8342–8346 |
| S. Hussain, C. Cao, W. S. Khan, G. Nabi, Z. Chen, Z. Ali, F. K Butt. Fabrication and electrical characterization of p-Cu2O/n-ZnO heterojunction. J. Nanosci. Nanotechnol. 12, 2012 1967-1971 |
| S. Hussain, C. Cao, W. S. Khan, G. Nabi, Z. Usman, F. K Butt, Z. Ali, T. Mahmood. Fabrication and photovoltaic characteristics of Cu2O/TiO2 thin film heterojunction solar cell. Thin Solid films 522 2012 430-434, |
| S. Hussain, C. Cao, W. S. Khan, G. Nabi, Z. Usman, F. K Butt, Z. Ali, T. Mahmood. .Preparation of ZnO novel nanostructures by facile hydrothermal route, their PL and PEC properties. J. Current nanosci. 8 (3) 2012 414-416 |
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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Basic Physics | Phys 128 | G.C Uni. Faisalabad, Pakistan |  |
| Thermal Physics Lab | Phys 291 | G.C Uni. Faisalabad, Pakistan |  |
| Classical Mechanics | Phys 211 | Majmaah university |  |
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| Conferences | | |
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| Training Experience |
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| --- |
| Practical Skills |
| RF and DC sputtering |
| Sol-Gel and hydrothermal |
| CVD |
| Electrodeposition station |

**Scholarship Names**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Rink | Field | Position Study | E-mail |
|  | **Mansour Elhabardi** | **Lecture** | **Solid State** | **England** | [m.alhabradi@mu.edu.sa](mailto:m.alhabradi@mu.edu.sa) |
|  | **Mohamed Elbadah** | **Admisrator** | **Physics** | **Canada** | @mu.edu.sa |
|  | **Ahmed Elanzei** | **Admnstrator** | **Physics** | **USA** | @mu.edu.sa |

**Administrator Names**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name | Rink | Field | Position Study | E-mail |
|  | **Majed Elowaid** | **Administrator** | **Physics** |  | m.alouaid@mu.edu.sa |
|  | **Abdulrzag Aldweesh** | **Administrator** | **Physics** |  | [as.aldweesh@mu.edu.sa](mailto:as.aldweesh@mu.edu.sa) |
|  | **Nader Alhabradi** | **Administrator** | **Physics** |  | [n.alhabradi@mu.edu.sa](mailto:n.alhabradi@mu.edu.sa) |

**Technician Names**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | Rink | | Field | work | E-mail |
|  | **Ahmed Alwazzan** | **B. Sc.** | **Physics** | | **Zulfi College** | a.alwazzan@mu.edu.sa |

**Secretary Names**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Name | = | | = | work | E-mail |
|  | **Abdalla Alsweeket** |  |  | | **Zulfi College** | a.alsweeket@mu.edu.sa |

# STATISTICS INFORMATION for Physics Program

|  |  |  |  |
| --- | --- | --- | --- |
| Saudi | Non-Saudi | Number | Occupation |
| - | 2 | 2 | Professor |
|  | 1 | 1 | Associate Professor |
| 1 | 10 | 11 | Assistant professor |
| - | - | - | Lecturer |
| 3 | - | 3 | Demonstrator |
| 3 | - | 3 | Scholarship |
| 7 | 13 |  | Total |

Illustration shows the percentage of Saudi to non-Saudis to the functional framework

Illustration shows the overall non-Saudi Arabia

The proportion of non-Saudi Arabia 34.6%

Illustration shows the ratio of faculty staff to students

The Ratio is 1: 12.

**Curriculum Vitae of Computer Science and Information Department Members**

1434/1435

2013/2014

# Curriculum Vitae of Computer Science and Information Department Members

**Dr. Yosry Ahmed Mohamed Azzam**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Associate Professor Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi 11932 Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044025 | | Mobile |  | +966546651034 | | Fax: |  | +96664227484 | | E-Mail: |  | Y.azzam@mu.edu.sa | | Office: |  | Room S178 | | Link to Homepage: http://faculty.mu.edu.sa/Yazzam | | | |

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| Research Interests: |
| Artificial Intelligence |
| Pattern Matching, Image Processing and Robotics |
| Solar Energy prediction & utilization |
| Language Skills |
| Arabic, English , Japanese |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1983-1988 | B. Sc. Degree (Electrical Engineering) | Average Grade “very good “, Faculty of Engineering & Technology, Menofia University, Egypt. |
| 1993-1998 | MS. C. Degree (Control Engineering) | Faculty of Engineering, Cairo University, Egypt. |
| 2000-2005 | PhD Degree  (Computer and Control Engineering) | Faculty of Engineering, Cairo University, Egypt & Tohoku University, Japan (Channel System) |
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| --- | --- |
| Career | |
| 1993-1998 | Assistant Researcher, National Research Institute of Astronomy and Geophysics, Helwan, Cairo, Egypt |
| 1997-2001 | Lecturer at Labor University, Cairo, Egypt (part time work) |
| 1998-2005 | Researcher Assistant, National Research Institute of Astronomy and Geophysics, Helwan, Cairo, Egypt |
| 2005-2011 | Assistant Professor, National Research Institute of Astronomy and Geophysics, Helwan, Cairo, Egypt |
| 2006-2008 | Assistant Professor at the Higher Technical Institute, 10th of Ramadan city Egypt (part time work) |
| 2008-Now | Assistant Professor & Head of Computer Science Dept., College of Science in Zulfi, Majmaah University, Saudi Arabia |
| 2011-Now | Associate Professor Degree , National Research Institute of Astronomy and Geophysics, Helwan, Cairo, Egypt |

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| --- | --- |
| Short Visits | |
| 1996 | One month visiting researcher assistant, Padova University, Italy. |
| 2002-2004 | Ph.D. special research student at Systems Robotics Lab., Dept. of Bioengineering and Robotics, Tohoku University, Japan |
| 2006 | Four days scientific mission to Cambridge University, England. |
| 2007 | Two weeks scientific mission to Bradford University, England. |

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| --- | --- | --- | --- | --- |
| Publications | | | | |
| Y. A. Azzam, G.B. Ali, F. Elnagahy, H. A. Ismail, A. Haroon and I. Selim, "Current and Future Capabilities of the 74-inch Telescope of Kottamia Astronomical Observatory in Egypt", UN/ESA/NASA Workshop on Basic Space Science and the International Heliophysical Year 2007, hosted by the National Astronomical observatory of Japan on behalf of the Government of Japan, Tokyo, 18-22 June 2007 | | | | |
| A.M. Riad, Hamdy K. Elminir, Hala S. Own and Yosry A. Azzam, “Testing the applicability of artificial intelligence techniques to the subject of erythemal ultraviolet solar radiation Part one: The applicability of a fuzzy rule based approach”, Journal of Photochemistry and Photobiology B:Biology, 90 (2008) 95-10 | | | | |
| Hamdy K. Elminir¨, Hala S. Own, Yosry A. Azzam and A.M. Riad, "Testing the applicability of artificial intelligence techniques to the subject of erythemal ultraviolet solar radiation Part two: an intelligent system based on multi classifier technique", Journal of Photochemistry and Photobiology B: Biology, 90 (2008) 198–206 | | | | |
| A. Essam, A. Naklawy, A. A. Haroon, M. A. Hamdy, G. B. Ali, H. A. Ismail, I. M. Selim, Y. A. Azzam, and F. I. Elnagahy, " New CCD photometric observations of W-UMA eclipsing binary NSV 5904 using the 1.88-m Kottamia telescope, Egypt ", NRIAG Journal of Astronomy and Astrophysics, Special Issue (2010) | | | | |
| M.S. Gafar and Y. A. Azzam, “Acoustic Relaxation of Some Lead Niobium Tellurite Glasses”, Bulletin of Materials Science, (under review). | | | | |
| R. El-Mallawany, M. S. Gaafa, and Y. A. Azzam, "Prediction of Ultrasonic Parameters at low Temperatures for Tellurite Glasses." Journal of Materials Letters, (under review). | | | | |
| Y. A. Azzam, Afaf M. Abd El Hameed, Fatma S. El-Tokhy, Mohamed Ismail, M. El\_harony, and S.M. Sharaf, “Investigation and Treatment of the Aluminizing Process for the Mirrors used in Astronomical Telescopes”, Journal of Astrophysics and Space Research (under review) | | | | |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  |   Teaching Experience | | | | |
| Computer 1 for preliminary year | CSP 001 | | Zulfi College of Science | Majmaah University |
| Computer 2 for preliminary year | CSP 002 | | Zulfi College of Science | Majmaah University |
| Logic Design | CIS 111 | | Zulfi College of Science | Majmaah University |
| Introduction to Information Systems | CIS 226 | | Zulfi College of Science | Majmaah University |
| Introduction to Computer Programming | CSC 252 | | Zulfi College of Science | Majmaah University |
| Graduation Project 1 | CIS 448 | | Zulfi College of Science | Majmaah University |
| Graduation Project 2 | CIS 449 | | Zulfi College of Science | Majmaah University |
| Computer Skills and Inf. Technology | Comp 010 | | Zulfi College of Dentistry | Majmaah University |
| English Language 1 for computer students | Eng 126 | | Zulfi College of Education | Majmaah University |
| English Language 2 for computer students | Eng 2212 | | Zulfi College of Education | Majmaah University |
| Digital Logic | COMP 214 | | Zulfi College of Education | Majmaah University |
|  |  | |  |  |
| Conferences | | | | |
| IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS2004) | | Sendai, Japan | | Sep.28-Oct. 2, 2004 |
| 4th International Conference on Advanced Mechatronics (ICAM04) | | Asahikawa, Japan | | Oct. 3-5. 2004 |
| IEEE International Conference on Robotics and Biomimetics (ROBIO2005) | | Hong Kong and Macau | | June 29 - July 3, 2005 |
| IEEE fifth International Conference on Informatics and Systems, (INFOS 2007) | | Cairo Egypt | | March 24-26, 2007 |

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| Training Experience |
| “Recent trends in teaching and evaluation", Majmaah University |
| “Strategies to integrate technology in teaching", Majmaah University |
| “Scientific research skills”, Majmaah University |
| “Curriculum design and development”, Majmaah University |

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| Practical Skills |
| Head of Computer Science Dept., College of Science in Zulfi, Majmaah University, Saudi Arabia |
| Member and head of many Committees, Department of Computer Science and Information, College of Science in Zulfi, Majmaah University, 2008-now. |
| Practical experience in Robotics and vision control of Robots |
| Computer Programming in C, C++ and MATLAB |
| Referee of information systems and technology projects introduced to Saudi Universities |
| Principal and Co-investigator of many research Projects introduced to Majmaah university |

**Associative Professor Hassan Abdel-Tawab Mohamed Aly**

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|  | Associative Professor Computer Science and Information Department College of Science at AzZulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  AzZulfi Saudi Arabia | Mailing Address: P.O. Box 1712 AzZulfi 11932 Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044034 | | Mobile |  | +966538231332 | | Fax: |  | +96664227484 | | E-Mail: |  | h.aly@mu.edu.sa | | Office: |  | Room S173 | | Link to Homepage: http://faculty.mu.edu.sa/haly/index | | | |
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| Research Interests: |
| Cryptography: RSA, Dickson System, AES, Hash Functions. |
| Cryptanalysis: Attacking of RSA, Attacking of AES, Hash function collisions. |
| Binary sequences: Design of binary sequences, linear complexity and k-error linear complexity. |
| Nonlinear functions: Perfect nonlinear functions, Almost perfect nonlinear functions. |
| Language Skills |
| Arabic, English , German. |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1983-1987 | B. Sc. Degree  (Mathematics and Computer Science) | Average Grade “very good“, Faculty of Science, Cairo University, Egypt. |
| 1989-1992 | MS. C. Degree (Computer Science) | Faculty of Science, Cairo University, Egypt. |
| 1996-2001 | Dr. Rer. Nat.  (Computer Science ) | Klagenfurt University, Austria |
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| --- | --- |
| Career | |
| 1988-1992 | Demonstrator , Computer Science Division at Department of Mathematics, Faculty of Science, Cairo University, Egypt |
| 1992-1993 | Teaching Assistant, Computer Science Division at Department of Mathematics, Faculty of Science, Cairo University, Egypt. |
| 1993-1994 | PhD. Research Student at the technical university of Vienna, Austria |
| 1994-1997 | PhD. Research Student at the university of Klagenfurt, Austria |
| 1997-2000 | Lecturer at Computer Science Division at Department of Mathematics, Faculty of Science, Cairo University, Egypt. |
| 2000-2006 | Lecturer at Faculty of Science, King Faisal University, Al-hofuf, KSA. |
| 2006-2010 | Lecturer at Computer Science Division at Department of Mathematics, Faculty of Science, Cairo University, Egypt. |
| 2010-2012 | Associative Professor, Computer Science Division at Department of Mathematics, Faculty of Science, Cairo University, Egypt. |
| 2012- Now | Associative Professor, Computer Science and Information Department, Faculty of Science, Majmaah University, KSA. |

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| Short Visits | |
| July-Aug  1998 | Visit to Klagenfurt University, Austria |
| June-July 2004 | Visit to Linz University at RICAM, Austria |
| June-July 2005 | Visit to Linz University at RICAM, Austria |
| June-July 2007 | Visit to Linz University at RICAM, Austria |
| March-July 2008 | Visit to Linz University at RICAM, Austria |
| April-May 2010 | Visit to Linz University at RICAM, Austria |

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| Publications |
| M.Sc. thesis entitled: Operating Systems Security: Design and Evaluation. Cairo University. 1991. |
| Ph.D. dissertation entitled: Design and Analysis of public key cryptosystems over finite abelian groups. Klagenfurt University, 1997. |
| Aly, H. and Mueller, W.B. Public-key Cryptosystems based on Dickson Polynomials. In Pribyl, J.(editor): Proc. of the 1st international Conferences on the theory and Applications of Cryptology, PRAGOCRYPT'96, CTU Publishing House, 1996, 493—504. |
| Aly, H. and Winterhof, A. On the linear complexity profile of nonlinear congruential pseudorandom number generators with Dickson polynomials, Designs, Codes and Cryptography 39 (2006), 155—162. |
| Aly, H. and Winterhof, A. Polynomial representation of the Lucas logarithm, Finite Fields and their Applications, 12 (2006), 413-424 |
| Aly, H. and Winterhof,  A. On the k-error linear complexity over F\_p of Legendre and Sidelnikov sequences, Designs, Codes and Cryptography 40 (2006), 369--374. |
| Aly H., Meidl, W. and Winterhof, A.   On the k-error linear complexity of cyclotomic sequences, Journal of Mathematical Cryptology, vol.1, no. 3, pp. 283-296, 2007. |
| Aly, H. and Meidl W., On the linear complexity and k-error linear complexity over GF(p) of the d-ary Sidelnikov sequences, IEEE-IT vol. 53, no 12, 4755-4761, December 2007. |
| Aly, H. and R. Shaheen, Cycles structure of permutations induced by perfect nonlinear functions over finite fields. A talk at FQ9, Dublin. 2009. |
| Aly, H., R. Marzouq, and W. Meidl. On the calculations of the linear complexity of *un*-periodic sequences. Contemporary Mathematics, vol 518, pp 11-22, AMS, 2011. |
| Aly, H. Winterhof, A. "Boolean functions derives from Fermat Quotients", Cryptography and Communications, vol. 3, 165-174, 2011. |
| Aly, H. and Elgayyar M. “Attacking AES using Modern Processors”, AFRICACRYPT 2013, LNCS vol. 7918, pp. 127-139, 2013, |

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| Teaching Experience |

Among so many courses I have taught before, the most courses I like to teach:

Design and Analysis of Algorithms

Data Structures

Cryptography and Information Security

Network Security

Computational Complexity

Theory of Computations

Compiler design

Programming Languages

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| Conferences (in the last five years) | | |
| Fq9 Conference | Dublin, Irlend | 2010 |
| Africacrypt 2013 Conference | Cairo, Egypt | 2013 |
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**Dr. Eng. Moustafa Reda AbdALLAH Eltantawi**

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| http://faculty.mu.edu.sa/public/uploads/1330973522.9799MyPhoto.jpg | Dr. Eng. Moustafa Reda AbdALLAH Eltantawi  Assistant Professor Department of Computer Science and Information Faculty of Science, AlZulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164221678 | | Mobile |  | +9665382606992 | | Fax: |  | +96664227484 | | E-Mail: |  | m.eltantawi@mu.edu.sa | | Office: |  | Room S142 | | Link to Homepage: |  |  | | Marital Status: Married, Four Children | | | |
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| Research Interests: |
| Analysis, Reconstruction, Measuring Software Quality of Programming Languages, R.E. processes |
| Image Processing, |
| Cryptography. |
| Language Skills |
| Arabic, English , Italian |

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| --- | --- | --- | --- |
| Qualification (Career and University Education) | | | |
| 1973-1978 | B. Sc. Degree | Grade “Very Good, with class honor“, Department of Electronics and Communications, Faculty of Engineering, Cairo University. |
| 1978-1980 | B. Sc. Degree | Grade “Very Good, with class honor“, Department of Physics  Faculty of Science, Cairo University. |
| 1980-1986 | M. Sc. Degree | Department of Engineering Mathematics & Physics, Faculty of Engineering, Cairo University. |
| 1987- 1991 | Ph. D. Researcher  Ph. D. Degree | Department of Engineering Mathematics & Physics, Faculty of Engineering, Cairo University. |
| 1991- 1995 | Department of Informatics, Faculty of Engineering, University of Naples, Italy. |

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| --- | --- |
| Career | |
| 1978-1986 | Demonstrator at Department Of Engineering Mathematics & Physics, Faculty of Engineering, Cairo University. | |
| 1986-1996 | Teaching Assistant at Department Of Engineering Mathematics & Physics, Faculty of Engineering, Cairo University. | |
| 1996-1998 | Assistant Professor at Department Of Engineering Mathematics & Physics, Faculty of Engineering, Cairo University. | |
| 1998  Till now | Assistant Professor at Department Of Computer Science, Faculty of Computers and Information, Cairo University. | |
| 2011  Till now | Assistant Professor at Department Of Computer Science and Information, Faculty of Science, AlZulfi, Majmaah University. | |

|  |  |  |
| --- | --- | --- |
| Short Visits | | |
| July 1976: | Iraq |
| July – Sep.1976 : | Jordan |
| Jan. 1983 & Jan 1984 & Sep 1987 & June-July 1989 & March-April 2000 : KSA | |
| July-Sep 1986 | Scientific Exchange, Department of Electric Engineering, Faculty of engineering, Twentee University, Enschde Holland. |
| July 1996, July 1997, and August 1998 Frankfurt, Germany, | |

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| --- |
| Publications (Papers) |
| M. Abbas, A. Badr, M. R. Eltantawi, “Bounding Box Object Localization Based On Image Superpixelization.”, Elsevier B.V. Selection. Procedia Computer Science 13 ( 2012 ) 108 – 119. | |
| M. R. A. Eltantawi, A. M. Abdelshfouk, “A Proposed Algorithm for a DNA-Based Cryptography and Steganography Techniques”, UWS Journal, Vol14, No. 3, PP. 43-45, Oct 2010. | |
| M. R. A. Eltantawi, A. M. Abdel-Moneim, M. M. Abdel-Aziz , “A Turing Machine Design for Decision Support in Insurance Companies” , Journal of Engineering Application, Matarya faculty of engineering, Cairo, Egypt, Dec. 2006. | |
| Giannone, M. R. A. Eltantawi, P. Maresca , “Recursive Parser Optimization by Rewriting Context Free Grammars” , Journal of Engineering Application of Artificial Intelligence, Vol. 10, No. 6, PP. 607-615 ,1997 . | |
| M. R. A. Eltantawi, P. Maresca , “Logic Programming and Data Base Schema in Reverse Engineering: Analysis and Documentation for Existing Code in a Multilanguage Environment”, Journal of Engineering Application of Artificial Intelligence, Vol. 9, No. 5, PP. 561-574, September, 1996 . | |
| M. R. A. Eltantawi, P. Maresca, “Application of Logic Programming in Languages Analysis: Documents Reconstruction from Existing Code”, Journal of Engineering Applications and Artificial Intelligence , Vol. 7, No. 4, PP. 427-437, August 1994 . | |
| M. R. A. Eltantawi, P. Maresca , “A Methodology and a Tool to construct Documentation From FORTRAN, C and PL/1 Languages”, CNR Internal Report. Sistemi Informatici e Calcolo Parallelo, No. P/ 06/191, LUGLIO 1993 . | |
| M. N. Mikhail, M. R. A. Eltantawi, “ Effect Of The Medium Viscosity On Sound Propagation And Attenuation In Ducts”, Journal of Computational and Applied Mathematics 45(1993), PP. 283-298, North Holland. | |
| M. N. Mikhail, M. R. A. Eltantawi, “ The Acoustic Boundary Layers: A Detailed Analysis”, Journal of Computational and Applied Mathematics, 1993 | |

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| Publications (Math. Books) |
| Basic Mathematics For Engineering and Computer Science: Three Volumes . | |
| Structured Mathematics For Engineering and Computer Science: Two volumes. | |
| Advanced Mathematics For Engineering and Computer Science: Three Volumes. | |
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| Publications (Computer Courses) | |
| Introduction To Computer Science Concepts - Faculty of Commerce & Business - Qassim University, KSA, 2007. | |
| Introduction To Management I.S. : Faculty of Commerce & Business - Qassim University, KSA, 2007. | |
| Publications (Electronic Courses) | |
| “Differential and Integral Calculus”; at the Sector of “Learning and Technology”, in the “Open Education”, Cairo University; For the Techreen University in Syria, 2005 – 2006 . | |
| “Digital Image Processing” for the FCI, Fayoum University, Jan. /2010 – Sep. /2011 . | |
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| --- | --- | --- | --- | --- |
| Teaching Experience  In KSA | | | | |
| Introduction to Computer Science | CSP 001Z | Zulfi Science | Majmaah University | | | |
| Technical English | ENG 210 | Zulfi Science | Majmaah University | | | |
| Discrete Math For Computer Science 1 | CSI 212 | Zulfi Science | Majmaah University | | | |
| Fundamentals of Information Systems | CSI 224 | Zulfi Science | Majmaah University | | | |
| Computational Methods | CSI 444 | Zulfi Science | Majmaah University | | | |
| Operational Research | CSI 445 | Zulfi Science | Majmaah University | | | |
| Introduction to Computer Concepts and Programming | MIS231 | Business & Commercs | | Qasseem University | | |
| Introduction to Management Information Systems | MIS242 | Business & Commercs | | Qasseem University | | |
| Business Applications Development | MIS353 | Business & Commercs | | Qasseem University | | |
| Management Information Systems | MIS361 | Business & Commercs | | Qasseem University | | |
| Business Systems Analysis and Design | MIS364 | Business & Commercs | | Qasseem University | | |
| Database Management | MIS365 | Business & Commercs | | Qasseem University | | |
| Teaching Experience  In Egypt  Cairo University (CU): All the Undergraduate & Post Graduate Math Courses in the Faculty of Engineering, and Faculty of Computers and Information (FCI); Theoretical And Engineering Mechanics in the Faculty of Engineering; Introduction to Computer Science, DB, IS, Internet, Excel in the Faculty of Physical Therapy, Faculty of Veterinary Medicine, Faculty of Nursing, Faculty of Pharmacy  Fayoum University : Software Engineering, Computational Methods, Image Processing, and All the Undergraduate Graduate Math Courses.  Benha University : All the Undergraduate Graduate Math Courses Faculty of Computers and Information.  MSA University: Linear Algebra, Computational Methods.  Tieba Academy: Linear Algebra - Must University: Introduction to Computer Science.  Technical Military College: All the Undergraduate Graduate Math Courses. | | | | | |

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| --- | --- | --- |
| Conferences | | |
| Attending all the Conferences that are hold in Zulfi and Majmmah during the three academic years 1432-1433, 1433-1434; and 1434-1435. | | |
| 1st, 2nd, 3rd, 7th Annual Conference | FCI- CU | 2002, 2004, 2005, 2010 |
| The Development of Mathematics Teaching During University Education within the International Quality Criteria | CU | June – 17 - 2009 |
| The Fourth International Conference of Scientific Research and its Application | CU | 16-18 December 2008 |
| "Science for Life Conference"- Celebration of the 25th Anniversary of Scientific and Cultural Co-operation between Cairo University and Ulm University. | CU | 25-27 October 2008 |

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| Training Experience |
| Attending all the Quality training courses that are hold in Zulfi and Majmmah during the two academic years 1432-1433 and 1433-1434; and these in Zulfi during the 2nd Term of the academic year 1434-1435. |
| Attending all the Workshops that are hold in Zulfi and Majmmah during the three academic years 1432-1433, 1433-1434; and 1434-1435. |
| Member of the quality and academic accreditation Committee, Department of Computer Science, Faculty of Computer Science and Information, Cairo University, 2008-2011. |
| Benha E-Learning Center Workshop, Benha University, Faculty of Computers and Information, December 2008 |
| Evolution of the Learning Quality Workshop, Benha University, Faculty of Computers and Information, November 2008. |

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| Practical Skills |
| Highly qualified developer of the CS-students programming capabilities to create powerful mathematical packages.  This activity continued for 11 years at FCI (Faculty of Computers and Information) in CU (Cairo University). |
| Experience for More than 36 years in Teaching Methods, especially the active ones, in different specialized faculties of various Universities.. |
| Severely Experienced with the styles and methods of achieving perfect exams. |
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**Prof. Dr. Ahmad Abd Allah Zedan**

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| C:\Users\Guten\Desktop\1331066580.968Photo0001.jpg | Professor Assistant  Department of computer science and information Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044127 | | Mobile |  | +966552211510 | | Fax: |  | +96664227484 | | E-Mail: |  | y.salem@mu.edu.sa | | Office: |  | Room S199 | | Link to Homepage: http://faculty.mu.edu.sa/ysalem | | | |
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| --- |
| Research Interests: |
| Computer networks, Satellite networks, multimedia mobile networks, Cognitive radio and smart networks, Broadband wireless networks, Smart antenna, Wireless information technology |
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| Language Skills |
| Arabic, English , French |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1994-1998 | B. Sc. Degree (Engineering) | Shubra Faculty of engineering, Cairo, zagazig University. |
| 1999-2003 | MS. C. Degree (Engineering) | Faculty of Electronic Engineering, Menouf, Menofia University. |
| 2003-2007 | PhD Degree  (Engineering ) | Internal part at Faculty of Electronic Engineering, Menouf, Menofia University. |
| 2007-2010 | External part at WIT lab, Dept. Of EE, collage of Engineering, University of Washington, USA. |

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| --- | --- |
| Career | |
| 1987-1990 | First lieutenant, Demonstrator at Department of Computer, Military faculty of Administration, Cairo, Ministry of Defense |
| 1990-1995 | Demonstrator at Department of industrial technology, High institute of sufficient productivity, Zagazig University |
| 1995-2003 | Lecturer at Department of industrial technology, High institute of sufficient productivity, Zagazig University |
| 2003-2004 | Lecture at Department of electrical Engineering, Shubra faculty of Engineering, Zagazig University |
| 2004- | Assistant Professor at Department of electrical Engineering, Shubra faculty of Engineering, Benha University |

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| Short Visits | |
| 2007-2010 | Visiting Scholar, WIT lab, Dept. Of EE, collage of Engineering, University of Washington, USA. |
| 2011- | Visiting Lecturer for the Department of computer Science and Information, Majmaah university |

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| Publication |
| Mostafa Nofal, Y. Abd-Allah, O.A. Attia, K. El-Nahla and M. Kamal, “A simulation  study of generic broadband integrated networks,” *Proc. of The 7th IEEE International*  *Symposium on Personal, Indoor and Mobile Radio* |
| Y. A. Mohamed, M. I. Desoky, A. O. Attia, S. M. Elnoubi, “*Simulation Study Of A*  *Generic Multimedia Wireless Networks,*,” Proc. of the SCI2002/ISAS, ORLANDO  USA*,* july 14-18, 2002. |
| Y. A. Mohamed, D. Kivanc, H. Liu, “*PRMA with Reservation Subframe Protocol for*  *Multimedia Services in Mobile Communication Networks*,” *Proc. of IEEE Globecom*  *2001, San Antonio, Texas, USA,* Nov. 25-29, 2001, pp. 3538-3542. |
| Y. A. Mohamed, M. I. Desoky, A. O. Attia, H. Liu, “CDMA/PRMA With Reservation  Sub-Frame Protocol For Multimedia Mobile Communications,”  Proc. of the WOC2001/IASTED International conference, Alberta, Canada, June.  27-29,2001, pp. 33-38. |
| Y. A. Mohamed, M. I. Desoky, A. O. Attia, S. M. Elnoubi, “A New *CDMA/PRMA*  Protocol For Multimedia Mobile Communications,” *Proc. The 3rd International*  *conference on informations, communications, and Signal Processing(ICICS 2001)* Oct.  15-18, 2001. |
| Y. A. Mohamed, M. I. Desoky, A. O. Attia, H. Liu, “*CDMA/PRMA With Piggybacked*  *Reservation For Multimedia Services Over Mobile Communication Networks*,” *Proc. The*  *3rd International conference on informations, communications, and Signal*  *Processing(ICICS 2001)* Oct. 15-18, 2001.. |
| Y. A. Mohamed, M. I. Desoky, A. O. Attia, H. Liu, “A New *Piggybacked CDMA/PRMA*  *Protocol For Multimedia Services Over Mobile Communication Networks*,” Proc. of the  SCI2002/ISAS, ORLANDO USA*,* july 14-18, 2002. |
| Y. A. Mohamed," Performance *analyses of Piggybacked CDMA/PRMA protocol under*  *different environmental conditions for forth coming mobile communication networks"*  submitted to SCI2005,ISAS florida, USA*.* |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| 1-Computer Networks Engineering | IT | Dept. of EE | Egypt |
| 2-Computer Architectures and microprocessors | IT | Dept. of EE | Egypt |
| 3-Computer programming Languages(Matlab,C++, java, dot Net) | CS | Faculty of education for girls | Majmaah University |
| 4-Internet and web programming (HTML, JScript, PHP, Mysql, ASP) | CS | Zulfi Science | Majmaah University |
| 5- Database | CSI | Zulfi Science | Majmaah University |
| 6- Programming of Graphical user Interface | CSI | Zulfi Science | Majmaah University |
| 7- Fundamental of Information systems | CSI | Zulfi Science | Majmaah University |
| 8-Network routing and programming (DotNet Socket programming) | IT | Faculty of education for girls | Majmaah University |
| 9-Telecommunications Systems | EE | Dept. of EE | Egypt |
| 10-Programable Logic Control (PLC) | EE | Dept. of EE | Egypt |
| 11-Electronic Devices and Circuits | EE | Dept. of EE | Egypt |
| 12-Power Electronics | EE | Dept. of EE | Egypt |
| 13-Antennas and Wave propagations | EE | Dept. of EE | Egypt |

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| Conferences | | |
| Twelfth National Radio Science Conference (NRSC-12),  Alexandria, Egypt, March 21-23, 1995. |  |  |
| The International Conference on Wireless and Optical Communications,(WOC2001), Calgary, Alberta, Canada, July 27-29, 2001. |  |  |
| The IEEE Vehicular Technology Conference Fall 2001 (VTC’2001),  Atlantic City, NJ USA*,* Oct. 7-11, 2001. |  |  |
| *IEEE Globecom 2001, San Antonio, Texas, USA,*  Nov. 25-29, 2001. |  |  |
| The 6th World Multi-conferenc on Systemics, Cypernetics, and Informatics (SCI ’2002), ORLANDO USA*,* |  |  |

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| Training Experience |
| Training "Effective communication skills " , Benha University , Egypt |
| Training "Effective teaching skills", Benha University , Egypt |
| Training "Using computer in Educations", Benha University , Egypt |
| Training “ Scientific Writing” Benha University , Egypt |
| Training " Building curaculas ", Majmaah University , Saudi Arabia |
| Training " The culture of E-learning" Majmaah University , Saudi Arabia |
| Training " The Skills of E-learning" Majmaah University , Saudi Arabia |
| Workshop “assessments and exam building” Majmaah University , Saudi Arabia |
| Workshop ” Education strategy and E-learning” Majmaah University , Saudi Arabia |
| Workshop ” Methods of Assessments” Majmaah University , Saudi Arabia |

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| Practical Skills |
| Managing and group leader as officer in Egyptian army |
| Building curricula for vocational and educational institutions |
| Mentor track |
| Scientific Research |
| Teaching and Assessments |
| Community services |

**Dr. Mohamed Wagieh Mostafa Abo El-Soud**

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|  | Associate Professor Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi 11932 Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044034 | | Mobile |  | +966546932685 | | Fax: |  | +96664227484 | | E-Mail: |  | m.wagieh@mu.edu.sa | | Office: |  | Room S193 | | Link to Homepage: http://faculty.mu.edu.sa/mwagieh | | | |

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| --- |
| Research Interests: |
| Network Security |
| Language Skills |
| Arabic, English , German |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1993-1997 | B. Sc. Degree (Computer Science & Mathematics) | Average Grade “very good “, Faculty of Science , Menofia University, Egypt. |
| 2000-2003 | MS. C. Degree (Computer Science) | Faculty of Science, Menofia University, Egypt. |
| 2005-2010 | PhD Degree  (Computer Science) | Faculty of Science, Suez Canal University, Egypt & Harburg University, German (Channel System) |
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| --- | --- |
| Career | |
| 1998-2003 | Demonstrate at Statistics and Insurance Department, Computer Science, Faculty of Commerce, Suez Canal University, Ismailia, Egypt |
| 2003-2010 | Assistant lecturer at Statistics and Insurance Department, Computer Science, Faculty of Commerce, Suez Canal University, Ismailia, Egypt |
| 2010-Now | Lecturer at Information System Department, Faculty of Computers & Information System, Suez Canal University, Ismailia, Egypt |
| 2010-Now | Director of Information & Communication Network ,Suez Canal University, Ismailia, Egypt |

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| Short Visits | |
| 2007-2009 | Ph.D. A Framework of Network Security, Dept. of Security, TUHH University, German |

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| Publications | | | | |
| Dieter Gollmann, Fatma A. Omara, Mohamed W. Abo El-Soud, " Ancestors protocol for scalable key management", Egyptian Informatics Journal,(11):11-17, 2010. | | | | |
| Dieter Gollmann, Fatma A. Omara, Mohamed W. Abo El-Soud, " New Protocols for Scalable Multicast Group Key Management ", International Journal of Advanced Research (JAR), 2010. | | | | |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  |   Teaching Experience | | | | |
| Computer 1 for preliminary year | CSP 001 | | Zulfi College of Science | Majmaah University |
| Computer 2 for preliminary year | CSP 002 | | Zulfi College of Science | Majmaah University |
| Logic Design | CIS 111 | | Zulfi College of Science | Majmaah University |
| Visual Programming | CIS 224 | | Zulfi College of Science | Majmaah University |
| Programming1 | CIS 152 | | Zulfi College of Science | Majmaah University |
| Graduation Project 1 | CIS 448 | | Zulfi College of Science | Majmaah University |
| Graduation Project 2 | CIS 449 | | Zulfi College of Science | Majmaah University |
| Computer Skills and Inf. Technology | Comp 010 | | Zulfi College of Dentistry | Majmaah University |
| Compiler Design | CIS 338 | | Zulfi College of Education | Majmaah University |
| Ecommerce | CIS 480 | | Zulfi College of Education | Majmaah University |
| DataBase1 | CIS 125 | | Zulfi College of Education | Majmaah University |
|  |  | |  |  |
| Conferences | | | | |
| IEEE seventh International Conference on Informatics and Systems, (INFOS 2010) | | Cairo Egypt | | March 24-26, 2010 |

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| Training Experience |
| The uses of computers is in business, office management and secretarial work. |
| Management of the research team program. |
| Educational of professional preparation basic university teacher programs (effective teaching - the use of technology in teaching – mini teaching). |
| Professional Ethics programs. |

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| Practical Skills |
| Head of the quality and accreditation Committee, Department of Computer Science and Information, Zulfi College of Science, Majmaah University, Saudi Arabia. |
| Head of E-Learning Committees, Department of Computer and Information, College of Science in Zulfi, Majmaah University, Saudi Arabia.. |
| Computer Programming in C, C++ and Java |
| Ns2, and TCL Language |
| Latex |

**Dr. Zeiad Mohammed El-Saghir Abdoun**

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| C:\Users\Zeiad\Desktop\فلاش شامل\إداريات متنوعة\السيرة الذاتية CV\صورة نهائية.jpg | Assistant Professor Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044033 | | Mobile |  | +966508562976 | | Fax: |  | +96664227484 | | E-Mail: |  | z.abdoun@mu.edu.sa | | Office: |  | Room S170 | | Link to Homepage: http://faculty.mu.edu.sa/zabdoun/index | | | |
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| Research Interests: |
| Congestion Control in Computer Networks, ATM Networks, and VANETs |
| Digital Design and Embedded Systems Design |
| ATM Switch Design and Analysis |
| Language Skills |
| Arabic, English , Polish |

|  |  |  |
| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1983-1988 | B. Sc. Degree (Electronics) | Average Grade “very good with honor “, Faculty of Electronic Engineering, Menofia University, Egypt. |
| 1990-1994 | MS. C. Degree (Computer Science and Engineering) | Faculty of Electronic Engineering, Menofia University, Egypt. |
| 1996-2001 | PhD Degree  (Computer Science and Engineering) | Institute of Control and Systems Engineering, Technical University of Wroclaw, Poland. |
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| --- | --- |
| Career | |
| 1990-1994 | Assistant lecturer at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt |
| 1994-1996 | Lecturer at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt |
| 1996-2001 | PhD. Research Student at the Institute of Control and Systems Engineering, Technical University of Wroclaw, Poland |
| 2001-2003 | Assistant Professor at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt |
| 2003-2008 | Assistant Professor at Higher Institute of Engineering, Hoon, Libya |
| 2008-2013 | Assistant Professor at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt |
| 2013-Now | Assistant Professor at Computer Science and Information, Faculty of Science, Majmaah University , Saudi Arabia |

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| --- | --- |
| Short Visits | |
| 2003 | Visiting Assistant Professor, Department of Computer Science, Tanta University, Egypt |
| 2010 | Visiting Assistant Professor, College of Computer Science, Modern Academy, Egypt |
| 2012 | Visiting Assistant Professor, Department of Computer Science, Tanta University, Egypt |
| 2013 | Visiting Assistant Professor, Faculty of Engineering, Menofia University, Egypt |

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| Publication |
| Zeiad El-Saghir, et al., “A Study of a Modified Histogram Based Fast Enhancement Algorithm (MHBFE)”, Signal & Image Processing: An International Journal (SIPIJ), Vol.5, No.1, pp. 55–67, February 2014. |
| Zeiad El-Saghir, et al., “Enhanced Random Early Detection (ENRED) Algorithm”, International Journal of Computer Applications, 2014. |
| Zeiad El-Saghir, et al., “A Modified Histogram Based Fast Enhancement Algorithm”, SIP2014 Conference, pp. 261–269, 2014. |
| Zeiad El-Saghir, et al., “Efficient Implementation model for Public Geographic Information System: Case Study”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-1, Issue-4, September 2012, PP 32-34. |
| Zeiad El-Saghir, et al., “Data Quality in Software as a Service Implementation of Public Geographic Information System”, International Journal of Electronics Communication and Computer Engineering (IJECCE), Volume 3, Issue 5, ISSN (Online): 2249–071X, PP 852-855. |
| Zeiad El-Saghir, et al., “Survey on Random Early Detection Mechanism and its Variants”, IOSR Journal of Computer Engineering (IOSRJCE), Volume 2, Issue 6 (July-Aug. 2012), PP 20-24. |
| Zeiad El-Saghir, et al., “FPGA Based Design of Smith-Waterman Algorithm”, International Journal of Intelligent Computing and Information Sciences, Ain Shams University, July 2011. |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Software Engineering | CSI | Zulfi Science | Majmaah University |
| Assembly Language | CSI | Zulfi Science | Majmaah University |
| Information Systems | CSI | Zulfi Science | Majmaah University |
| Embedded Systems | CSE | Menofia Science & Eng. | Menofia University |
| Computer Networks | CSE | Menofia Science & Eng | Menofia University |
| Logic Design with VHDL | CSE | Menofia Science & Eng | Menofia University |
| Computer Architecture | CSE | Menofia Science & Eng | Menofia University |
| Digital Data Transfer | CSE | Menofia Science & Eng | Menofia University |

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| Conferences | | |
| SIP2014 Conference | Hinan Island, China | 2014 |
| ICT2001 Conference | Bucharest, Romania | 2001 |
| APCC200 Conference | Seoul, Korea | 2000 |
| IEEE CQR2000 | Athens, Greece | 2000 |

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| Training Experience |
| Training "Software Engineering & Testing", SQS Egypt (Software Quality Systems), Cairo, Egypt, 2013. |
| Training "Embedded Systems Design and Programming", Menofia University, Egypt, 2008-2013. |
| Training "Google Scholar Applications", Menofia University, Egypt, 2012. |

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| Practical Skills |
| Member of the quality and academic accreditation Committee, Department of Computer Science and Engineering, Faculty of Electronic Engineering, Menofia University, 2010-2012. |
| Executive Director of Information Technology Unit, Faculty of Electronic Engineering, Menofia University, 2012-2013. |
| Embedded Systems Design and Programming, 2008-2013. |
| Digital Design using FPGA and VHDL, 2010-2013. |

**Dr. Wael Mohamed Khedr**

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|  | Assistant Professor Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044033 | | Mobile |  | +9660541232465 | | Fax: |  | +96664227484 | | E-Mail: |  | [w.slem@mu.edu.sa](mailto:w.slem@mu.edu.sa) , [wael\_khidr72@yahoo.com](mailto:wael_khidr72@yahoo.com) | | Office: |  | Room S170 | | Link to Homepage: <http://faculty.mu.edu.sa/wslem/index> | | | |
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| Research Interests: |
| Artificial Neural Networks |
| Digital Image Processing |
| Pattern Recognitions |
| Language Skills |
| Arabic, English , Russian |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1990-1994 | B. Sc. Degree (Computer Science & Statistics) | Average Grade “very good with honor “, Mathematics Dept., Faculty of Science, Zagazig University, Egypt. |
| 1995-1999 | MS. C. Degree (Computer Science ) | Mathematics Dept., Faculty of Science, Zagazig University, Egypt. |
| 2001-2005 | PhD Degree  (Computer Science ) | Faculty of Mathematics & Mechanics , National Kazakhstan University(Alfarabi) , Kazakhstan. |

|  |  |
| --- | --- |
| Career | |
| 1995-1999 | Demonstrator at Mathematics department, Computer Science branch, Faulty of Science Zagazig University, Egypt. |
| 1999-2004 | Assistant lecturer at Mathematics department, Computer Science branch, Faulty of Science Zagazig University, Egypt. |
| 2005-2013 | Lecturer of Computer Sciences at Mathematics department, Computer Science branch, Faulty of Science Zagazig University, Egypt. |
| 2013-Now | Assistant Professor at Computer Science and Information, Faculty of Science - Zulfi, Majmaah University , Saudi Arabia. |

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| --- | --- |
| Short Visits | |
| 2005-2007,  2012-2013 | Visiting lecturer , Department of Computer Science, High Technology Institute Asher, Egypt . |
| 2011-2012 | Visiting lecturer , Department of Computer Science, Faculty of Computer Science, Sues University , Egypt |
| 2012-2013 | Visiting lecturer , Department of Computer Science , Faculty of Computer Science, Zagazig University, Egypt. |

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| Publication |
| Wael Khedr , Rehab Ali , Fawzan Ismail ,"Image Denoising using K-SVD Algorithm based  on Gabor Wavelet Dictionary, ", International Journal of Computer Applications (0975 – 8887) Volume 59– No.2, December 2012. |
|  |
| Wael M. Khedr & M. E. ABD EL AZIZ, S. M. Amer, " A Novel Algorithm for Multichannel Deconvolutive based on αβ -Divergence , International Journal of Computer Applications (0975 – 8887) Volume 57– No.10, November 2012 |
| W. Khedr and M. E. Abd El Aziz ,Signal Separation using Non-negative Matrix Factorization Based on R1-norm , Life Science Journal 2012;9(4) . |
| M. E. ABD EL AZIZ & WAEL KEDER " SPARSE NONNEGATIVE MATRIX BASED ON -DIVERGENCE FOR SINGLE CHANNEL SEPARATION IN COCHLEAGRAM ", International Journal of Mathematics and Computer Applications Research (IJMCAR), ISSN 2249-6955  Vol. 2 Issue 4 Dec 2012 11-24. |
| Wael M. Khedr and Qammar A. Awad," Study of Fourier Descriptors and its Laplace Transform for Image Recognition." Matrial Scoence Research India vol.8(2), 241-245 ,2011. |
| Wael M. Khedr and Qammar A. Awad, " Neural Network and Adaptive feature Extraction Technique for Pattern Recognition", Matrial Scoence Research India vol.8(1), 1-6 ,2011. |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Data Structure | CSI | Zulfi Science | Majmaah University |
| Data Mining | CSI | Zulfi Science | Majmaah University |
| Object Oriented Prog. C++ | CSI | Zulfi Science | Majmaah University |
| Digital Image Processing | CSI | Math. Dept. Faculty of Science | Zagazig University |
| Artificial Neural Networks | CS | Math. Dept. Faculty of Science | Zagazig University |
| Artificial Intelligent | CS | Math. Dept. Faculty of Science | Zagazig University |
| Computer Architecture | CS | Math. Dept. Faculty of Science | Zagazig University |
| Database Oracle PL/SQL | CS | Math. Dept. Faculty of Science | Zagazig University |
| SPSSWIN/ Matlab Tools | CS | Math. Dept. Faculty of Science | Zagazig University |

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| Conferences | | |
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| Training Experience |
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| Practical Skills |
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**Dr.Loai Kayed Hassen Bani-Melhim**

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| lolo | Lecturer Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044031 | | Mobile |  | +966550353558 | | Fax: |  | +96664227484 | | E-Mail: |  | l.banimelhim@mu.edu.sa | | Office: |  | Room S175 | | Link to Homepage: http://faculty.mu.edu.sa/lbanimelhim | | | |
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| --- |
| Research Interests: |
| Intrusion Detection System (IDS), Intrusion Prevention System (IPS) |
| Botnet Detection and Malware Protection and Detection. |
| Sustainable Energy(Solar System). |
| Language Skills |
| Arabic, English |

|  |  |  |
| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 1992-1998 | B. Sc. Degree (Computer Engineering) | Average Grade “very good “,Jordan University for Science and Technology, Irbed, Jordan. |
| 2002-2005 | MS. C. Degree (Computer Information Systems) | Arab Academy / Faculty of Information Systems & Technology, Amman – Jordan. |
| 2009-2013 | PhD Degree  (Advanced Internet Security and Monitoring) | Universiti Sains Malaysia (USM), Malaysia. |
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| --- | --- |
| Career | |
| 1999-2004 | Instructor at Al-Balqa Applied University/ Al-Shobak University College, Maan, Jordan. |
| 2003-2004 | Certified TrainerCenter of Development and Vocational Training, Maan, Jordan. |
| 2004-2009 | Instructor at Al-Balqa Applied University/ Al-Huson University college, Irbed, Jordan. |
| 2009-2013 | Research Officer at National Advanced IPv6 Centre of Excellence (NAv6). |
| 2010-Now | Lecturer at Computer Science and Information, Faculty of Science, Majmaah University , Saudi Arabia |

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| Publication |
| Loai Kayed, Basil AsSadhan, Ahmed Manasreh, Ammar Almomani “Network Monitoring Through Network Traffic Reduction and Representation” Name of journal:– Elsevier Editorial System(tm) for Computers & Security ,indexed: impact factor-Article No: COSE-D-11-00314 , status: under revision. |
| Ammar Ali Deeb Al-Momani, Tat-Chee Wan, Karim Al-Saedi, Altyeb Altaher, Sureswaran Ramadass, Ahmad Manasrah, Loai Kayed and Mohammad Anbar “An Online Model on Evolving Phishing E-mail Detection and Classification Method“, journal of applied science, Indexed : ISI & IMPACT FACTOR, ISSN 1812-5654/doi:10.3923/jas.2011,Asia Network for Scientific Information, Status: accepted and published, vol: 11, 11: 3301-3307,2011  http://scialert.net/fulltext/?doi=jas.0000.32659.32659&org=11#ref |
| Loai Kayed, “Network Traffic Reduction to Enhance Network Monitoring” IEEJ Transactions on Electrical and Electronic Engineering”. Indexed: ISI & IMPACT FACTOR, Print ISSN: 1931-4973, Online ISSN: 1931-4981 IEEJ Paper Management System -TEEE:C ,indexed: impact factor-Article No: C12-022. |
| Loai Kayed, Basil AsSadhan, Ahmed Manasreh, Ammar Almomani, Tat-Chee Wan. “Network Traffic Reduction and Representation” IJCA International Journal of Computer Applications”. IMPACT FACTOR, Online ISSN: 0975 – 8887, Accepted for Publication. Paper reference id pxc3881831. |
| Loai Kayed, Ammar Almomani, Ammar Waysi Mahmood, Tat-Chee Wan, Sureswaran Ramadass “Passive Botnet detection System Based on Signal Processing and Discrete Time Analysis.” Journal of Computer Science”, ISSN: 1549-3636 Type: Monthly, Serial # of the manuscript is 2887-JCS, status: Accepted. |
| Loai Kayed, Ammar Almomani, Tat-Chee Wan, Sureswaran Ramadass “Real Time Botnet detection System.” Name of journal: The Computer Journal - manuscript submitted - COMPJ-2012-07-0445 Online ISSN 1460-2067 - Indexed: ISI & IMPACT FACTOR status: Accepted for Publication. |
| Mohammed Jamil Elhalabi, Selvakumar Manickam, Loai Bani Melhim, Mohammed Anbar and Huda Alhalabi “A REVIEW OF PEER-TO-PEER BOTNET DETECTION TECHNIQUES” Name of journal:– Journal of Computer Science 10 (1): 169-177, 2014, ISSN: 1549-3636, indexed: impact factor-Article No: COSE-D-11-00314 , status: Published Online 10 (1) 2014 (http://www.thescipub.com/jcs.toc). |

**Mr. Sami Mahmoud Smadi**

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| Picture 020 | Lecturer Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044029 | | Mobile |  | +966590426671 | | Fax: |  | +96664227484 | | E-Mail: |  | [s.smadi@mu.edu.sa](mailto:s.smadi@mu.edu.sa) | | Office: |  | Room S180 | | Link to Homepage: <http://faculty.mu.edu.sa/ssmadi> | | | |
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| --- |
| Research Interests: |
| Phishing in Computer Networks Security |
| Neural Network |
| Data Mining |
| Language Skills |
| Arabic, English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 2004-2006 | Master degree in Computer Science | Yarmouk University, Irbid-Jordan. [www.yu.edu.jo](http://www.yu.edu.jo) |
| 1999-2003 | B.Sc. degree in Computer Science | Hashemite University, zarqa-Jordan. (1999-2003). [www.hu.edu.jo](http://www.hu.edu.jo) |
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| --- | --- |
| Career | |
| 2003 - 2006 | Instructor in governmental school, Ministry of education, Jordan |
| 2006-2009 | Lecturer at Al-Balqa Applied University. |
| 2009-Now | Lecturer at Al-Majmaah University, Zulfi, Saudi Arabia |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Operating Systems | CSI | Zulfi Science | Majmaah University |
| Assembly Language | CSI | Zulfi Science | Majmaah University |
| Algorithm Analysis & Design | CSI | Zulfi Science | Majmaah University |
| Compiler Design | CSI | Zulfi Science | Majmaah University |
| Computer Networks | CSI | Zulfi Science | Majmaah University |
| Logic Design | CSI | Zulfi Science | Majmaah University |
| Computer Architecture | CSI | Zulfi Science | Majmaah University |

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| Training Experience |
| * Oracle Workshop (Center for Studies in the Hashemite University). |
| Practical Skills | |
| Programming languages:  ASP/VB Script, Java Script, HTML, SQL, PL/SQL, Java, C/C++, VB. | |
| Development Tools:  Oracle Developer 6i (Forms, Reports), MS-Access, Flash, Adobe Photoshop, Front Page, Visual Studio, Matlab, Weka. | |

**MR. Issa Mohammad Alsmadi**

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|  | Lecturer  Computer Science and information Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044030 | | Mobile |  | +966534718192 | | Fax: |  | +96664227484 | | E-Mail: |  | i.alsmadi@mu.edu.sa | | Office: |  | Room S171 | | Link to Homepage: http://faculty.mu.edu.sa/ialsmadi/ | | | |
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| Research Interests: |
| Phishing emails, Signature Verification. |
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| Language Skills |
| Arabic, English |

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| Qualification (Career and University Education) | | |
| 1999-2003 | B. Sc. Degree (computer science) | Grade “very good “,Yarmouk University, Irbid-Jordan. |
| 2003-2006 | MS. C. Degree (computer science) | Grade “very good “,Yarmouk University, Irbid-Jordan. |
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| Career | |
| 2003-2007 | Instructor in governmental school. |
| 2003-2007 | Trainer of International Computer Driving License (ICDL). |
| 2007-2009 | Lecture at Department of computer science, Al\_ Huson College, Al-Balqa Applied University.(part time) |
| 2010- | Lecture at Department of Mathematics , Faculty of Science, Majmaah university , Saudi Arabia |

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| Short Visits | |
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| Publication |
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| Teaching Experience | | | |
| Concept of algorithm | CIS 244 | Zulfi Science | Majmaah University |
| Decision support system | CIS 465 | Zulfi Science | Majmaah University |
| Distributed system | CIS 458 | Zulfi Science | Majmaah University |
| Computer Graphics | CIS 414 | Zulfi Science | Majmaah University |
| Programming 1 | CSI 211 | Zulfi Science | Majmaah University |
| Data Base 1 | CSI 125 | Zulfi Science | Majmaah University |
| DataBase2 | CSI 326 | Zulfi Science | Majmaah University |
| Computer skill | PCOM 111 | Zulfi Science | Majmaah University |
| Information System | CSI 244 | Zulfi Science | Majmaah University |
| Object Oriented Programming | 30801203 | **Al\_ Huson College** | Al-Balqa Applied University |
| Compiler | **30801313** | **Al\_ Huson College** | Al-Balqa Applied University |
| Computer Network | 30801266 | Al\_ Huson College | Al-Balqa Applied University |

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| Conferences |
| Training Experience Majmaah University | |
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| E-Learning Majmaah University | |
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| Practical Skills |
| Programming languages: ASP/VB Script, Java Script, HTML, SQL, PL/SQL, Java, C/C++, VB. |
| Development Tools: Developer 6i (Forms, Reports), MS-Access, Flash, Adobe Photoshop, Front Page, Visual Basic, Matlab. |
| Database: Oracle 10g, Sql server 2008,MS-Access. |
| ICDL |

**Mr. Mohammad M.K. ALAUTHMAN**

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| DSC_9388.JPG | **Lecturer, Computer Science and Information Department College of Science, Zulfi**  **Majmaah University**   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | **Telephone:** |  | **+966164044028** | | **Mobile** |  | **+966545288295** | | **Fax:** |  | **+96664227484** | | **E-Mail:** |  | **m.alauthman@mu.edu.sa** | | **Office:** |  | **Room S171** | | **Link to Homepage: http://faculty.mu.edu.sa/malauthman/** | | | |
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| Research Interests: |
| Network monitoring |
| Intrusion detection system |
| Botnet detection |
| Language Skills |
| Arabic, English |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 2012- present | **PhD (candidate) in Computer Science** | **Northumbria University atNewcastle, UK** |
| 2004-2005 | **Master degree in Computer Science** | **Amman Arab University, Amman-Jordan** |
| 2003-2004 | **Higher Diploma in Computer Science** | **Amman Arab University, Amman-Jordan** |
| 1998-2002 | **B.Sc. degree in Computer Science** | **Hashemite University, zarqa-Jordan** |

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| Career | |
| 2008 - Present | **Lecturer of Majmmah University (KSA).** |
| 2007  -  2008 | **Lecturer of  Al-Balqa Applied University(Jordan) (part time)** |
| 2007 – 2008 | **Trainer of  Course  of Oracle in Al-Balqa Applied University(Jordan)** |
| 2003 - 2007 | **Trainer of International Computer Driving License (ICDL).** |
| 2002  -  2008 | **Teacher  in government school (Jordan)** |

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| Teaching Experience | | | |
| Operating System Concept. | **CSI** | **Zulfi Science** | Majmaah University |
| Discreet Mathematics. | **CSI** | **Zulfi Science** | Majmaah University |
| Algorithms and Data Structures. | **CSI** | **Zulfi Science** | Majmaah University |
| Internet Techniques & web programming. | **CSI** | **Zulfi Science** | Majmaah University |
| Computer skills. | **CSI** | **Zulfi Science** | Majmaah University |
| Artificial intelligence. | **CSI** | **Zulfi Science** | Majmaah University |
| Security and cryptography. | **CSI** | **Zulfi Science** | Majmaah University |
| Programming language (java, C, C++). | **CSI** | **Zulfi Science** | Majmaah University |
| Data mining concept. | **CSI** | **Zulfi Science** | Majmaah University |
| Software engineering. | CSI | Zulfi Science | Majmaah University |

**Lecturer Mohammad Ali AL-Khaldy**

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| mypic 001.jpg | Lecturer Computer Science and Information Department Faculty of Science, Zulfi  Majmaah university   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +96664044032 | | Mobile |  | +966583659051 | | Fax: |  |  | | E-Mail: |  | m.alkhaldy@mu.edu.sa | | Office: |  | Room S201 | | Link to Homepage: http://faculty.mu.edu.sa/malkhaldy | | | |
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| Research Interests: |
| Data Base , Object Oriented programming , Wireless sensor networks |
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| Language Skills |
| Arabic, English |

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| Qualification (Career and University Education) | | |
| 1998-2003 | B. Sc. Degree (Computer Science) | Faculty of Information Technology, Mafraq, AL al-Bayt University. |
| 1999-2003 | MS. C. Degree (Computer Science) | Faculty of Computing, Amman, Amman Arab University. |

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| Career | |
| 2003-2009 | Computer Science teacher,Amman , Ministry of Education. |
| 2009-2010 | Lecturer at Department of Computer Science, faculty of Information technology, Amman, Jordan University |
| 2010-2011 | Lecture at of AlKhaleej company, Riyadh ,Saudi Arabia |
| 2011- | Lecturer at Department of Computer Science and Information , Faculty of Science, Majmaah university , Saudi Arabia |

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| Teaching Experience | | | |
| Object Oriented Programming | CIS | Zulfi Science | Majmaah University |
| Data Base | CIS | Zulfi Science | Majmaah University |
| Computer Organization | Comp | Zulfi Education | Majmaah University |
| Visual Basic Science | Comp | Information  Technology | Ministry of Education |
| C++ Programming | Comp | Information Technology | Jordan University |
| Multimedia | Comp | Information Technology | Jordan University |

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| Training Experience |
| Training "Effective communication skills ", |
| Training"Effective teaching skills", |
| Training"Decision-making and problem-solving", |
| Training " E- Learning ", Majmaah University , Saudi Arabia |
| Training " The culture of E-learning" Majmaah University , Saudi Arabia |
| Training " The Skills of E-learning" Majmaah University , Saudi Arabia |

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| Practical Skills |
| ICDL(International Computer Driving License ) |
| CISCO |
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**Mr. Noureldin Elsayed abdalfatah Laban**

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|  | Lecturer Computer Science and Information Department College of Science, Zulfi  Majmaah University   |  |  | | --- | --- | | Street Address: Main Campus  Zulfi Saudi Arabia | Mailing Address: P.O. Box 1712 Zulfi Saudi Arabia | |  |  |  |  |  |  | | --- | --- | --- | | Telephone: |  | +966164044033 | | Mobile |  | +966533158628 | | Fax: |  | +96664227484 | | E-Mail: |  | n.laban @mu.edu.sa | | Office: |  | Room S170 | | Link to Homepage: http://faculty.mu.edu.sa/nlaban | | | |
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| Research Interests: |
| Artificial Intelligent |
| Digital Image Processing and Satellite images |
| Programming languages and Geographic Information Systems |
| Language Skills |
| Arabic, English , French |

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| --- | --- | --- |
| Qualification (Career and University Education) | | |
| 2000-2004 | B. Sc. Degree (Information Technology) | Very good with honor (83.4%) “, Faculty of Computers and information, Cairo University, Egypt. |
| 2008-2013 | MS. C. Degree (Information Technology) | Faculty of Computers and information, Cairo University, Egypt. |
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| Career | |
| 2006-2007 | Assistant lecturer at Computer Science Department, Faculty of Computer Science, MSA University, Egypt. |
| 2007-2013 | Research Assistant at Digital Image Processing and its Applications , Data Reception - Analysis and Receiving Station Affairs , National Authority of Remote Sensing and Space Sciences, Egypt. |
| 2013-Now | Assistant Researcher at Digital Image Processing and its Applications, Data Reception - Analysis and Receiving Station Affairs, National Authority of Remote Sensing and Space Sciences, Egypt. |
| 2013-Now | Lecturer at Computer Science and Information, Faculty of Science, Majmaah University, Saudi Arabia. |

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| Short Visits | |
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| Publication |
| Noureldin Laban, M. ElSaban, A. Nasr, and H. Onsi, “System refinement for content based satellite image retrieval,” The Egyptian Journal of Remote Sensing and Space Sciences, vol. 15, June 2012. |
| Noureldin Laban, M. ElSaban, A. Nasr, and H. Onsi, “Spatial Cloud Detection and Retrieval System for Satellite Images”, International Journal of Advanced Computer Science and Applications, vol. 3, Issue 12, December 2012. |
| Noureldin Laban. (2014). Geospatial Image Retrieval: proposed system from content based satellite image retrieval.ISBN:978-3-659-52714-2, Germany: LAP LAMBERT Academic Publishing. |

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| --- | --- | --- | --- |
| Teaching Experience | | | |
| Software Engineering | CSI | Zulfi Science | Majmaah University |
| Concepts of Programming Languages | CSI | Zulfi Science | Majmaah University |
| E-Commerce | CSI | Zulfi Science | Majmaah University |
| Programming 1 | CSI | Zulfi Science | Majmaah University |
| Theory of computation | CS | Computer Science | MSA University |
| Programming concepts | CS | Computer Science | MSA University |
| Databases concepts | CS | Computer Science | MSA University |
| Algorithms | CS | Computer Science | MSA University |

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| Conferences | | |
| The 6th International Conference on Informatics and Systems | Cairo, Egypt | 2008 |

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| Training Experience |
| Developing applications with ArcGIS server using the Microsoft .net framework By ESRI, 2008. |
| Linux Power user, Linux administration, Linux networking and Linux firewall by IBM. 2008. |
| Radar satellite image processing by NARSS, 2012. |
| Artificial Neural Networks by NARSS, 2013. |

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| Practical Skills |
| Software developer at Kalipha Computer Group KCG , 2004. |
| Software developer at Authority of Organization and management for Egyptian Army, 2005. |
| Software developer at Arabia for Information Technology ARABIA, 2006. |
| GIS Engineer and Satellite Image Processing Expert at Jeddah Municipality - GIS Center 2009, 2010. |
| Mosaic of Sinai peninsula using Spot satellite images,NARSS,2013 |
| Calibration of Masrsat-1 satellite images,NARSS.2011 |
| Development of web-based application for satellite image archiving system ,NARSS,2008 |

# STATISTICS INFORMATION for Computer sciences & Informatics Program

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| --- | --- | --- | --- |
| Saudi | Non-Saudi | Number | Occupation |
| - | - | - | Professor |
| - | 1 | 1 | Associate Professor |
| - | 6 | 6 | Assistant professor |
| 5 | 5 | 10 | Lecturer |
| 3 | - | 3 | Demonstrator |
| 5 | - | 5 | Scholarship |
| 13 | 12 |  | Total |

Illustration shows the percentage of Saudi to non-Saudis to the functional framework

Illustration shows the overall non-Saudi Arabia

The proportion of non Saudi Arabia 34.6%

Illustration shows the ratio of faculty staff to students

The Ratio is 1: 12