

Curriculum Vitae for A.M.M.Jaradat

1. Personal Information

- Name in full: Abeer Mahmoud Mohammed Jaradat.
- Sex: Female.
- Date of Birth: February 25. 1987.
- Nationality: Jordanian.

2. Current Professional Position

- Lecturer, Prince Sumaya University for Technology – Department of Basic Science.

3. Contact Information

- Address: The Basic Science Department, Prince Sumaya University for Technology.
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4. Academic Qualifications

- PH. D., 2020, Department of Mathematics, University of Jordan , Jordan. Average 3.56.
 - Qualification exam pass with degree ^{A-} #(3.75/4.0)#
 - Thesis advisor : Prof: Fouad Kittaneh
- Degree Specialization: Functional Analysis
 - Title of the PH. D. Thesis: spectral radius in equalities for operators in Hilbert space.
- M. Sc., 2011, Department of Mathematics, Yarmouk University. Jordan. Average #91.9#
 - (i) Degree Specialization: Combinatory (Graph Theory).
 - (ii) Title of M.Sc. Thesis: Edge maximal wheel free graphs.
 - (iii) Thesis advisor: Prof . Ahmad Al-Rhayyel.
- B,Sc , Department of Mathematics, Yarmouk University. /Jordan. Average #93.9#

5. Languages

Arabic (Native) and English.

6. Employment

- September 2018 – Now, Full- time lecturer, Department of Basic Sciences, Princess Sumaya University for Technology.

- Summer semester 2013-2014, Teaching assistant, Department of Mathematics, Yarmouk University, Jordan.
- October 2011 - 2018, Teacher, Department of mathematics and statistic, Jadara University, Jordan.

7. Research Interests

- Graph Theory (Extremal graphs).
- Functional Analysis

8. Teaching Experience

1. Course taught at Yarmouk University:

- Calculus 1

2. Courses taught at Jadara University

- Foundation of Mathematics of economic students
- Calculus II and Statistic of economic
- Probability and statistics 1
- numerical analysis 1
- Numerical analysis II
- Numerical Analysis for Engineering Student
- History of Mathematics
- Linear Algebra I
- Linear Algebra 2
- Abstract Algebra I
- Abstract Algebra II
- Set Theory
- Special Topics In Mathematics (Graph Theory)
- Calculus III
- Calculus IV
- Ordinary Differential Equation I
- Mathematical Method
- Number Theory
- Real Analysis II
- Euclidian and non-Euclidian Geometry
- Foundation of mathematics for mathematics students
- Partial differential equation I.
- Partial differential equation II.

3. Courses taught at Princess Sumaya University for Technology

- Calculus 1.
- Calculus 2 for Engineers.
- Calculus 2 for IT.
- Statistical Methods for Business.
- Calculus for Business
- Calculus 3.
- Linear Algebra.
- Discrete Mathematics 1.

9. Committee Service at Jadara University

- Graduate study committee (Department Level).
- Organizing of scientific gallery committee (Department Level).
- Organizing of the Mathematical Olympiad (Department level).
- Member of scientific Research committee (College Level).
- Master of Ceremonies (College Level).
- Member of scientific Day committee (University Level)

10. Committee Service at Princess Sumaya University

- Master of examination coordination committee (Department level).
- Department secretary.
- Member of Scientific Research Committee (College level)

10. Workshops:

- A workshop on using and running a virtual classroom: Adobe Connect, Princess Sumaya University for Technology.
- A workshop on basics of exams, quizzes, and learning outcomes mapping model. Princess Sumaya University for Technology.
- A workshop "How to Prepare Competitive Erasmus+Proposal" workshop held by the General Secretariat of the Association of Arab Universities.
- A workshop "National Development for the Development of E-learning in Higher Educational Institutions" held by the e-Learning center PSUT.
- A workshop "How to Write Brilliant Bio" held by Queen Rania Center Entrepreneurship..

- A workshop "How to Write Brilliant Bio" held by Queen Rania Center Entrepreneurship.

11. Conferences:

- I attended "SHERO" conference held by DART society

12. Academic Honors and Awards:

- An honors certification for being the first in M.Sc.
- I have been awarded the scientific research support fund to get my M.Sc. for the year 2009-2010.
- An honors certification for being the first in B.Sc.
- A medal for being the first in B.Sc. in the whole year of my graduation (2008-2009).
- A medal for being the first in B.Sc. in the whole year of my graduation (2008-2009).
- A medal for being the first in B.Sc. in the whole year of my graduation (2007-2008).
- A medal for being the first in B.Sc. in the whole year of my graduation (2006-2007).
- A medal for being the first in B.Sc. in the whole year of my graduation (2005-2006).
- The higher education ministry scholarship for the first ranks student to get B.Sc. for the year 2005-2006, 2006-2007, 2007-2008, and 2008-2009.
- An honor certification for being excellence in scientific day at Jadara University.
- A shield of Academic excellence from Jadara University.

13. List of Papers

- A.A.Alrhayyle, A.M.M.Jaradat, M.M.M.Jaradat and M.S.A.Bataineh, Edge maximal graph without W_k graphs, $k=5,6$., Journal of combinatorics and number theory,(2011).

- K. Qazaqzeh, B. Qublan, and A. Jaradat, A remark on the determinant of quasi- alternating links, Journal of Knot theory and Its Ramifications ,2013).
- M.S.A.Bataineh, M.M.M.Jaradat and A.M.M.Jaradat, Edge maximal graphs containing no specific wheels, Jordan Journal of Mathematics and Statistics, (2015).
- Abeer Jaradat and Fuad Kittaneh, Bounds for the eigenvalues of monic matrix polynomial from numerical radius inequalities, Advances in Operator Theory, (2020).
- A.M.M, Jaradat, The theta-complete graph Ramsey number $r(\theta_k, K_6); k \geq 6$, Italian Journal for Pure and Applied Mathematics, (2021).
- M.M.M. Jaradat, A. Baniabdalruhman, M.S. Bataineh, A.M.M. Jaradat, The Theta-Complete Graph Ramsey Number $r(\theta_k, K_5); k= 7, 8, 9$. Submitted.
- M. M.M. Jaradat, A. Baniadalruhman, M. S. Bataineh, A. M. M. Jaradat, A. Al-Rahyyel, Edge –Maximal θ_{2k+1} - Free Non- Bibartite Hamiltonian Graphs of Odd Order. Submitted.

[12] References:

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- 4) Dr. Mohammed Bataineh,
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- 5) Prof : Fouad Kittaneh
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