

Souad Ahmed Abumaryam Curriculum Vitae (CV)

- Contact Information** Twenty Street, Sirte, Libya
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Mobile: 0913789833
- Language** Arabic (mother tongue) and English.
- Memberships** London Mathematical Society (LMS).
- Academic Degree** Assistant Professor
- Research Interests** Polynomials Interpolation, Rational Interpolation, Chebyshev Approximation, Complex Analysis, Complex Approximation, Spectral Approximation, Umbral Calculus and Differential Equations.
- Education** Ph.D.,Mathematics, **University of Leeds**,UK, 2014.
M.Sc.,Information Technology, **Wales University**, UK, 2004.
B.Sc., Mathematics and Computing, **Sirte University**, Sirte, 1996.
- PhD Thesis** Numerical and Symbolic Aspects of Harmonic Analysis
- Responsibilities** Head of mathematics department.
- Work Experience**
1. **Demonstrator:** Mathematics Department, Faculty of Science, Sirte University From September 1996 to October 2000.
 2. **Lecturer:** Mathematics Department, Faculty of Science, Sirte University From Jan 2005 to August 2008.
 3. **Lecturer:** Mathematics Department, Faculty of Science, Sirte University From Marc 2015 to present.
- Teaching Experience**
1. I have taught various courses such as: General Mathematics, Calculus I, Calculus II, Linear Algebra, Complex Analysis, Ordinary Differential Equations, Foundations of Geometry, Discrete Mathematics, Numerical Analysis, Statistic and Probability, Differential Geometry, Real analysis, Number Theory, Mathematical Methods, Vector Analysis and Functional Analysis,.
 2. I gave tutorial in several courses such as: Number System, Foundation of Geometry in Leeds University.
 3. I helped with marking and Exams marking in Leeds University(2010-2014).
 4. I have been evaluated many of Graduate dissertation.
 5. I have been supervised many of Graduate dissertation.
 6. I have evaluated many of research papers.
 7. I have participated in evaluating the new staff teaching in Sirte.
 8. I participated in the supervision of secondary school exams.

**Societies-
Volunteering**

I Contributed to the eradication of illiteracy.

**Conference and
Seminars
Attended and
Participated**

1. Supporting postgraduates who teach Mathematics and Statics.
2. North British Functional Analysis(NBFAS)(Many times in Newcastle, Oxford, york and Sheffield).
3. Yorkshire Functional Analysis Group (YFAG)(Many times).
4. Women in Maths (Many times).
5. British Applied Mathematics (BAMC).
6. operator algebra conference, Leeds.
7. Banach algebra, Leeds.
8. Mathematics computation conference in Durham.
9. Mathematics teachers conference.
10. Leeds-Manchester Seminar in Manchester.
11. The first annual university of Leeds postgraduates researcher.
12. The second annual university of Leeds postgraduates researcher.
13. School administration and administrator, Education school, Sirte University, 2018.
14. Save your environment, Science school, Sirte University, 2018.
15. The First International Conference on Science and Technology, Sebha University, 2 February 2018.
16. The Second Annual Conference on Theories and Applications of Basic and Biosciences, Misurata University,1 September 2018.
17. The Third International Conference For Basic Sciences and Their Applications, Omar Almkhtar University, Al-Byda, 2-5 October 2018.
18. The Second National Meeting of Directors of Quality and Performance Offices for Libyan Universities (Reality and development potential), Sirte University.
19. International Conference on Mathematical Methods in Physics, 1-5 April 2019 Marrakech, Morocco.

**Some of skills
Training Courses
and other
courses**

1. Introduction to programming.
2. Unix/Linux introduction.
3. Introduction to Matlab.
4. Matlab course.
5. Effective Poster presentation.
6. Ownership, confidently and secrecy in research.
7. Working with literature: impact evaluation and reading strategies.
8. Time management during your research.

9. Effective writing.
10. Scientific research philosophy: putting theory into practice.
11. Researcher @Leeds.
12. LaTeX Courses.
13. Dr Who.
14. Introduction to image.
15. Spaces of analytic function.
16. Classical Wavelet theory.
17. Hibert space.
18. Summer school in computational mathematics and scientific computing in Durham.
19. Effective science programming in Newcastle.
20. Magic Courses such as:
 - (a) The Heisenberg group in mathematics and physics.
 - (b) Mathematical methods.
 - (c) Advanced numerical analysis.
 - (d) Presentation theory.

Publications

1. Abumaryam, S. The Convergence rates of Chebyshev Interpolation, First International Conference on Science and Technology, Sebha, 2018.
2. Abumaryam, S. The Convergence of Polynomial Interpolation and Runge Phenomenon, Sirte University Journal, 2018.
3. Abumaryam, S. Approximating of the derivatives function using Chebyshev polynomials, International Mathematics Journal, 2018.
4. Abumaryam, S. Lebesgue functions and Lebesgue constants in polynomial interpolation, The Third International Conference For Basic Sciences and Their Applications, Al-Byda, 2018. Accepted
5. Abumaryam, S. Differentiation Matrix by Chebyshev Polynomials, The Second Annual Conference on Theories and Applications of Basic and Biosciences, Misuratau, 2018.