

Curriculum vitae

General information

Name: Manal Abdulaziz Fahad AlFulaij.

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Education

1-PhD candidate in Applied Mathematics, Supervisor by Dr. Mohamed Jleli [🔗](#) and Co-supervisor by Dr. Bessem Samet [🔗](#) King Saud University, since 2020-Now.

2-MSc in Mathematics, Complex Analysis, Supervisor by Dr. Nabil Ourimi [🔗](#) , King Saud University, Riyadh September 2011.

3-BSc in Mathematics, King Saud University, Riyadh 2007.

Research interests

Partial Differential Equations (Nonlinear).

Publishing

under the procedure.

Work experiences

1-Starting as demonstrator (in 2008) and then Lecturer (in 2017-now), wide experiences in teaching(either giving lecture or tutorial) most courses for math students in BSc level including:

-All courses in Analysis (Real Analysis I and II, Complex Analysis, Multivariable Analysis, Numerical Analysis) and Topology ,

-Pre-Calculus (all courses), Calculus, Linear Algebra, Discrete Mathematics, Differential Equations, Number theory, Foundation of Mathematics, Mathematical Methods.

2- Worked on program for math student who struggles in Real Analysis in 2012 (the target was achieved).

3- Working as supervisor of the Math-Club since 2015-Now.

4- Represented Mathematics Department in (Masari) program for preparatory year students in 2019.

5- Member of some committees such as teaching assistants and lecturers and Conferences committee .

Courses (Advance courses I learned in MSc and PhD)

Functional Analysis-Measure Theory-Theory of Modules-Topology and Calculus in R^N - Topological Vector Spaces-Complex Analysis in one and several dimensions -Summability Theory-Distribution Theory-Methods in Fluid Mechanics-Quantum Mechanics-Numerical Solutions of PDE and ODE.

Workshops

I attended:

1- Full semester (almost 4 months) provided by Support for Demonstrators, Lectures and Scholars including English course, IT course, and self-development courses.

2-Course in Mathematica Program supported by Physica club.

3-Many useful programs provided by Student Skills Development Center (Deanship of Students Affairs) such as

- The power of goal achievement,

- Personal analysis,

- Hermann scale.

3- Many useful courses provided by Deanship of Skills Development such as

-The Scientific Approach for Writing Dissertations 12 training hours,

- Building Confidence 12 training hours,
- Problem Solving and Decision Making 12 training hours.
- 4- Courses in English from British Council for 6 months (A grade),
- 5-Many online courses for self development and improving quality of life.

Languages

- First language Arabic: Excellent,
- English: Excellent.

IT Skill

Microsoft, Latex.

Awards

Award for the best graduation research in BSc sharing my colleague Maha Almousa , supervisor Dr. Ebtisam Bajunaid .

Personal skill

I'm confident to say that I have many skills

-Strengths: Leadership-Solve Difficulties-Challenges management-Creativity-Writing content (writer for content)-Flexibility-Ability to learn with passion-Patience and Wisdom-Ability dealing with others-A good listener.

-Weakness: Easy losing focus (under improvement) .