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Personal Information

Name : Nawal Hassan Husain Almalki
Address : Dammam – Saudi Arabia
Gender : Female
Nationality : Saudi
Religion : Muslim
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Education

- 1-Bachelor of Mathematics (1411)(College of Girls)
- 2- Master of Science (Mathematics-Differential Equation) (1420) (College of Girls)
- 3- Ph.D. of Science (Mathematics-Differential Equation) (1425) (College of Girls))

Honors and Awards

- Outstanding performance Award in 2008-2009
- Prince Mohammed bin Fahd Award for Scientific excellence.

Research Interests and Teaching

Experience:

♣ Research Experience:

- Supervision of Master Thesis entitled "Fractional Calculus and its applications".
- Referee Master Thesis entitled "Blow up solutions to some non-linear equations".
- Coordinated scientific researches in Math department

♣ Teaching Experience:

Teaching several courses:

- PreCalculus
- Calculus 1
- Differential equation,
- Partial Differential Equation

♣ Academic or Administrative Experience:

- Vice dean of Financial and Administrative Affairs - Community College in Dammam- University of Dammam.(2014-)
- Chairman of the department of Science Support, Community College in Dammam- University of Dammam.(2015-)
- Coordinator of Financial and Administrative Affairs – Community College - University of Dammam 2013.
- Chairman of Math. Dept., College of Science - University of Dammam(2011-2013).
- Founding and supervising "Mathematic club" in Mathematics department .
- Head of Media Committee at the preparatory meeting of the Second Scientific Conference at the University of Dammam.
- Committee for hiring lecturers at the branches of the University of Dammam.
- Scientific Committee for the nomination of the intake in the graduate program section.
- Scientific Committee for hiring instructors in Math department.
- Member of the Committee Academic Advising.
- Assistant Prof., Math. Dept., College of Science- University of Dammam (2004-Now)
- Lecturer at the Girls College of Science- University of Dammam (1993-2003)
- Mathematics Instructor, Dhahran High School, KSA (1990-1993)

Scientific Publishing Arbitrator

- L. Jafer, N.almalki, Cauchy problem for Laplace equation and application to image inpainting, ISRN Mathematical Analysis journal (2011).
- A. Boucherif, S.M.Bouguima, N.almalki, Z.Benbouziane, Third Order Differential Equations with Integral Boundary Conditions, Nonlinear analysis (2009).
- A. Boucherif, N.almalki, Nonlinear Three-Point Third Order Boundary Value Problem, Applied Mathematics and computation 190 (2007) 1168-1177.
- A. Boucherif, N.almalki, Solvability of Neumann boundary Value Problems with Cartheodory Nonlinearities, ejde.vol.2004 (2004) No.51.pp.1-7.
- A. Boucherif, N.almalki, Existence of Solutions of Periodic Boundary Value Problems, Technical Report Series,TR320,(2004)
- A. Boucherif, N.almalki, Nonlinear Second Order Periodic Boundary Value Problems, Dynamical systems and applications, proceedings,(2004) 178-188.
- A. Boucherif, N.almalki, Solvability of Two-Point Boundary Value Problems, International Jour. D.E. and App (2003).

Community Service:

- Referee the National Olympiad for Scientific Creativity Ibda'a (Finalists in scientific research track on the national level), 1434,1435,1436.
- Referee the National Olympiad for Scientific Creativity Ibda'a (Finalists in scientific research track on the Eastern Region level, 1434,1435.
- Referee the National Olympiad for Scientific Creativity Ibda'a (Finalists in scientific research track on the city of Dammam level), 1434.1435,1436.
- Referee the preparatory meeting of "The sixth Scientific Conference: for students of Education in the K.S.A". (Dammam University, basic engineering sciences track),1436.
- Referee the preparatory meeting of "The Fifth Scientific Conference: for students of Education in the K.S.A". (Dammam University, basic engineering sciences track),1435.
- Referee the preparatory meeting of "The Fourth Scientific Conference: for students of Education in the K.S.A". (Dammam University, basic engineering sciences track),1434.
- Supervisor National Center for Assessment in Higher Education, 1433-1434.
- Referee the preparatory meeting of "The Third Scientific Conference: for students of Education in the K.S.A". (Dammam University, basic engineering sciences track),1433.
- Referee the Olympiad for Scientific Creativity Ibda'a (innovation track, second phase), 1433.
- Referee the Contest of the Fourth Mawhiba Science and Engineering Fair in Riyadh (Finals), 1431.
- Referee the Contest of the Fourth Mawhiba Science and Engineering Fair in the Eastern Region,1431.

Skills:

Languages:

- Arabic, English
- Software: SWP. Mathematica
- Microsoft: PowerPoint, Word, Excel.

Training:

- Searching mechanism in international libraries, Journals and Scientific service centers in scientific Researcher Website".
- Managing of change.
- Conflict Management in the work environment.

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- Teaching analytical, creative and scientific thinking within the curriculum.
 - Recruiting, Developing and retaining a faculty for the Twenty first Century.
 - Preparing the annual report of the program.
 - Electronic citation Endnote.
 - Managing of meetings.
 - E-learning "way to help faculty members".
 - Assessment strategies in higher education.
 - E-Learning: Teaching Skills and Education Network.
 - Arbitration approach for the scientific competitions ISEF.
 - Advanced course in Excel.
 - First educational session "university teacher preparation".
 - Training course "course bag".
 - Virtual learning environment (Blackboard - Tegrity -Collaborate).
 - Skills of employment.
 - Use the index to e-libraries, University of Dammam and search engine Unified.
 - Analyzing Quantitative research data using SPSS program.
 - How to write a research using SWP program.
 - The art of Show and presentation.
 - The use and application of the Scientific Work Place program.
 - Microsoft Office Productivity.
 - Windows Server 2003.
 - The foundations of family counseling.
 - Course on guidance and counseling.
 - Conversation course in advanced English
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