# السيرة الذاتية


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**الحالة الاجتماعية** : متزوج

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**المؤهلات العلمية :-**

- **الدكتوراة** :

**PhD. Degree**, Condition Monitoring Of Electric System Using Neural Network, KEBANGSAAN University, Malaysia, 2002.

- **الماجستير** :

**M.Sc. Degree** Bi -spectrum Analysis and its Application to a Nuclear Reactor System, Kogakuin University, Tokyo, Japan, 1988.

- **البكالوريوس / الليسانس** :

**B.Sc. Degree** in Physics and Chemistry, University of Benghazi, 1979.

**مجالات الخبرة العملية :**

- ***Numerical Analysis.***
- ***Simulation***.
- ***Signal Processing.***
- ***Neural Network.***

**الأوراق العلمية المنشورة :**


- **Youssef Hamad Shakmak** and Saleh Hussein Awami. "Modeling of Corrosion Degradation for PCCP for condition Monitoring Simulation Using Equivalent Circuit and Artificial Neural Networks ( Simulation Study in GMRA) ", *In the* International Journal of Modelling and Optimization Volume 2 , Number 4, August 2012.
- **Youssef Hamad Shakmak** , Saleh Hussein Awami and Samira Mohamed Boaisha "An Optimal General Nonlinear Trend for Fuzzy Time Series Forecasting Based on intervals Fuzzy Rules Based High Order Partitioning", *In* The International Arab Conference on information Technology (ACIT 2011), Riyadh Saudi Arabia, December 2011.
- **Youssef Hamad Shakmak** and Saleh Hussein Awami., "Modelling and Simulation of Large Diameter PCCP in GMRA using Equivalent Circuit Technique ( Fault Inspection Using Artificial

Neural Networks )", *In the* 2010 World Congress in Computer science, Computer Engineering and Applied Computing ( WORlDCOMP 2010), Las Vegas , Nevada , USA , July 2010.

- **Youssef Hamad Shakmak** and Saleh Hussein Awami, "Comparative Study of Dynamic System Simulation Using New Technique based on agent Based Simulation and Equation Based simulation", *In* The 11th International Conference on sciences and Techniques of Automatic Control & Computer Engineering (STA 2010) , Monastir, Tunisia, December 2010.
- **Youssef Hamad Shakmak** and Saleh Hussein Awami,, "Non-Destructive Technique for PCCP Monitoring Using Equivalent Circuit and Artificial Neural Networks ( A Simulation Study in GMRA)", *In* The International Arab Conference on Information Technology . ACIT 2010 .Benghazi , Libya , December 14-16, 2010.
- **Youssef Hamad Shakmak** and Saleh Hussein Awami, "Modeling of Corrosion Degradation For PCCP for Condition Monitoring Simulation Using Equivalent Circuit and Artificial Neural Networks ( A Simulation study in GMRA )", *In* The 3rd International Conference on Computer Modeling and simulation ( ICCMS 2011 ),IEEE. Mumbai, India , January 07-09, 2011.
- **Youssef Hamad Shakmak** , "An Optimal General Nonlinear Trend for Fuzzy Time Series Forecasting Based on Intervals Fuzzy Rules Based High-Order Partitioning", *In* The International Arab Conference on Information Technology .ACIT 2011. Riyadh, Saudi Arabia , December 14-16, 2011.
- **Youssef Hamad Shakmak** and Khadiga Mohamed Younis Alnjar, "Study dynamic system behavior of time series using Artificial Neural Networks application to sunspot data", *In* The 11th International Conference on sciences and Techniques of Automatic Control & Computer Engineering (STA 2010) ,Monastir,Tunisia,December 2010.

**رسائل الماجستير التي تم الإشراف عليها :**

- **Finished M.Sc. research supervision:**
  - Agent Development : Mathematical Modal and Future Trends by Mohamed Radhi Elkobaisi on Sept 2007.
  - Automatic Electricity Meter Reading Based on Digital Image Processing and ANN Techniques by Salah Said Dauga on 2008.
  - Speaker Identification using Artificial Neural Network as a pattern Recognition Tool by Khaled A.Elhashani on 2008.
  - Transforming Arabic Character Voices into Text Using Artificial Neural Network Techniques by Yaseen K.Mohmmad on 2008.
  - Study of Time Series & Dynamic system Behavior using Artificial Neural Networks by Khadiga Mohamed younisAlnjar on 2009.
  - The Effect of the Temperature on Efficiency Simulation of the Modern Design For Waste Stabilization Ponds by Adel Saleh IbrahemAlmajbri on 2009.
  - Local Weather changes Forecasting using dynamic system model and neural networks (Applied to Benghazi city's weather ) by Rabeh A.Mohamed on 2010.
  - Modeling and Simulation of Large Diameter PCCP in GMRA* Using Equivalent Circuit Technique ( Fault Inspection Using Neural Networks ) by Salah H. Awami on 2010.