

Basic Information :

Name : Mohamad Abd-Alraheim Badr
Title : Dean



Mohamed Abdelreheim Mohamed Badr
Dean of Faculty of Engineering and Technology ,Future University in Egypt (FUE)
was born on October ,1,1944

Education :

Certificate	Major	University	Year
PhD	Electrical Power and Machines	University of Saskatchewan- Canada	1974
Masters	Electrical Power and Machines	University of Saskatchewan- Canada	1971
Masters	Automatic Control	Ain-Shams University Egypt	1969
Bachelor	Electrical Power and Machines	Cairo University Egypt	1965

Teaching Experience :

Name Of Organization	Position	From Date	To Date
Supreme Council of Egyptian Universities	Member, Electrical Power and Machines Staff Members Promoting Committee	01/01/2016	01/01/2019
Faculty of Engineering and Technology Future University in Egypt (FUE)	Dean	01/01/2006	01/01/2019
Supreme Council of Egyptian Universities	Secretary General Electrical Power and Machines Staff Members Promoting Committee	01/01/2001	01/01/2013
Faculty of Engineering Ain-Shams University	Vice Dean	01/01/1999	01/01/2005
Faculty of Engineering Ain-Shams University	Professor	01/01/1996	01/01/2005
Faculty of Engineering King Saud University , Riyadh Saudi Arabia	Professor	01/01/1990	01/01/1996
Faculty of Engineering Ain-Shams University	Professor	01/01/1985	01/01/1990
Faculty of Engineering , King Abdul-Aziz University, Jeddah, Saudi Arabia.	Associate Professor	01/01/1980	01/01/1985
Faculty of Engineering , Ain Shams University, Cairo, Egypt.	Assistant Professor	01/01/1976	01/01/1980
University of Saskatchewan Canada	Assistant Professor	01/01/1974	01/01/1976
Electrical Engineering Department, Ain Shams University, Cairo, Egypt.	Assistant Lecturar	01/01/1969	01/01/1976
Electrical Engineering Department, Ain Shams University, Cairo, Egypt.	Teaching Assistant	01/01/1965	01/01/1969

Research :

Enhancing the Performance of Photovoltaic Systems under Partial Shading Conditions Using Cuttlefish Algorithm
 Enhancing the Performance of Photovoltaic Systems under Partial Shading Conditions Using Cuttlefish Algorithm
 Optimized PIA Controller for Photovoltaic System Using Hybrid Particle Swarm Optimization and Cuttlefish Algorithms

Solution of the capacitor allocation problem using an improved whale optimization algorithm

Impact of generation mix flexibility on the integration of variable renewable energies

PV interfacing system based on dual cascaded inverter

Sizing and Operational Loading of Reactive Power Compensators for Grid Connected Wind Farms Considering Various Transmission Option

Optimal multi-criteria design of a new hybrid power generation system using ant lion and grey wolf optimizers

An Efficient Speed Controller of Three Phase Induction Motors Through Direct Torque Control

The Firefly Meta-Heuristic Algorithms: Developments and Applications

Sizing Of Reactive Power Compensators For Onshore And Offshore Grid Connected Wind Farms

Advanced modeling and analysis of the loading capability limits of doubly-fed induction generators

Technical, Economical, and Environmental Evaluation for Sizing and Siting of Distributed Generation in Electric Power Networks

A Microturbine Interface System with LVRT Capability

Coupling of Wind Farms with Nuclear Power Plants

Fuzzy logic control of brushless doubly fed induction generator

Application of LQR Theory to the Stator Field Oriented Control of Induction Motors

ANN-Based Optimal Energy Control of Induction Motors

Analysis of Subsynchronous Resonance Using Neural Networks

ANN for Subsynchronous Resonance Detection

Improving the Dynamic Performance of Brushless Doubly Fed Induction Generator Driven by Vector Control with Variable Gain

Load Modeling Effect On Voltage Stability Of Large Scale Power Systems Using Energy Function Technique

Modal-Based Analysis of Induction Generator-Infinite Bus System

Efficiency optimization control of a three phase induction motor

Speed Control of Axial Laminations Switched Reluctance Motor Provided with Digital Pole placement technique

Steady State Performance Of Axial Laminations Switched Reluctance Motor

Conference :

Ain-Shams University Third International Conference On Environmental Engineering,Cairo Egypt

The 26 National Radio Conference (URSI26), Scientific Research Academy in co-operation with Future University in EGYPT (FUE)

Ain-Shams University Second International Conference On Environmental Engineering,Cairo Egypt , April,2007

International conference on electrical engineering, Military Technical College,Cairo Egypt ,may 2006

Ain-Shams University First International Conference On Environmental Engineering,Cairo Egypt April,2005.

International conference on electrical engineering, Military Technical College,cairo Egypt ,may 2005

The 10 th Middle East International Conference on electrical

Seventh Conference of the Association of the Faculties of Engineering in the Arabian Universities

Faculty of Engineering Ain-Shams University first International Conference on Electrical Engineering,Cairo,Egypt,December 2004

International conference on electrical engineering, Military Technical College,cairo Egypt ,may 2003

The 9 th Middle East International Conference on electrical

The 7 th International Middle East power Conference" Ain- Shams University, Cairo, Egypt March, 28-30,2000

The 8 th International Middle East power Conference" Helwan University, Cairo, Egypt March, 28-30,2000.

IEEE Power Engineering Society Meeting, Tampa, Florida, U.S.A, Feb 1-5, 1998.

The 6 th International Middle East Power Conference, Mansoura University, Egypt, Dec 14-17, 1998

Fourth Saudi Engineering Conference, Nov. 1991, Riyadh, Saudi Arabia.

Al-Azhar second Engineering conference, AEC , Cairo, Egypt, Dec November, 1991.

Al-Azhar first Engineering conference, AEC , Cairo, Egypt, Dec 9-12, 1989.

Statistics and computer applications conference, Ain -Shams Univ., Mar 1988, Cairo, Egypt.

Eleventh Annual Operational Research Conference, Zagazig Univ., Nov 26,1988, Cairo, Egypt.

Association of Modeling and Simulation Conference (AMSE), Mar. 2, 1987, Cairo, Egypt.

First Saudi Engineering Conference, May, 1983, Jeddah, Saudi Arabia.

International Conference on simulation, Modeling and Development, (IASTED), Sept. 1, 1981, Cairo, Egypt.

International Conference on Measurements and control, (MECO), June 1979, Grenoble, France.

IEEE Power Meeting, July 12, 1975, San Francisco

IEEE power meeting, July 15, 1973 Vancouver, British Columbia, Canada.

Canadian institute of electrical engineers congress, Oct, 2, 1972, Saskatoon, Sask., Canada.

Awards :

Award	Donor	Date
Certificate of Appreciation for outstanding efforts	Ain Shams University , Cairo Egypt	01/01/2005
State Prize in scientific excellence in engineering science in 2004.	Academy of Scientific Research - Arab Republic of Egypt	01/01/2004
State Incentive Award in Engineering Science from the Arab Republic of Egypt in 1997.	Academy of Scientific Research - Arab Republic of Egypt	01/01/1997
Certificate of Appreciation for outstanding performance	King Saud University , Riyadh Saudi Arabia	01/01/1996
Certificate of Appreciation for outstanding performance	King Abdul Aziz University , Jeddah , Saudi Arabia	01/01/1985
Cup of Best speaker .	University of Saskatchewan, Canada	01/01/1974