



RESUME

Prof. Dr. Mahmoud Ahmed El-Gammal

<u>FULL NAME:</u>	EL-GAMMAL <i>Family Name</i>	MAHMOUD AHMED <i>Forename</i>
-------------------	--	---

<u>DATE & PLACE OF BIRTH:</u>	Egypt, Alexandria	22nd June, 1950
-----------------------------------	--------------------------	-----------------------------------

<u>HIGHEST DEGREE:</u>	Degree of Doctor of Engineering (PhD)	Tohoku University, Japan
------------------------	--	---------------------------------

<u>Recent Position & Title:</u>	Professor of Electrical Power Engineering & Chairman of Machine and Power Section	Alexandria University, Faculty of Engineering, Egypt
-------------------------------------	--	---

Current Address	Email	
Alexandria University, College of Engineering, Electrical Engineering Dept., Alexandria, Post Code 21544 Egypt_:	gammalmah50@yahoo.com	

MEMBERSHIPS

IEEE-USA	SENIOR MEMBER <i>since February 1999</i>
IEEE-USA : Product Safety Engineering Society	Charter Member <i>since January 2005</i>

<u>GENERAL FIELD OF SPECIALITY</u>	<u>MAJOR FIELD OF SPECIALITY</u>
Electrical Power Engineering	Power System Control & Stability of Interconnected Power Systems

RESEARCH INTERESTS*

1	Transient Stability & Control of Interconnected Power Systems.
2	Power System Voltage Stability.
3	Reactive Power Control and SCADA Automation in Distribution Power Systems.
4	Electrical Power Systems Quality.
5	Application of Artificial Intelligent Techniques in Power System Analysis.

****Published over 25 research papers in these areas***

Supervised 18 MSc thesis & 5 PhD thesis

TECHNICAL EXPERIENCE

1	Engineering consultant for electrical engineering design projects including Low and Medium Voltage networks, illumination systems, switchgear protective systems, power system VAR control, and SCADA automation systems.
2	Engineering consultant for installation, management and energy conservation of electrical engineering projects in residential, commercial and industrial systems.
3	Engineering consultant for the design of High Voltage Substations & High Voltage Overhead Transmission Lines.

PUBLISHED BOOKS

1. Control Applications of Power Systems. Arab Academy for Science & Technology press, 1998.
2. Electrical Energy Generation-*Basic Fundamentals & Power for Sustainable Future*, Alexandria University, 2001.
3. Electrical Power Utilization, Alexandria University, 2001.