



CURRICULUM VITAE



Prof. Fathy Elsayed Ahmed Abdel-Kader

**Electrical Engineering Dept., Faculty of Engineering,
Minoufiya University, Shebin El-Kom, Minoufiya, Egypt**

• *Personal Information*

- Date of Birth: 1 – 12 – 1946
- Nationality: Egyptian
- Marital Status: Married, (4 children)
- Religion : Muslim
- Tel.: +2 050 6902227 **Mob:** +2 010066317990 **Fax:** +2 048 2238984
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• *Current Occupation*

- Prof. in Electrical Engineering Dept., Faculty of Eng., Minoufiya University

• *Education and Academic Degrees*

- Degree: Professor in Electrical Machines
- Year: June 1989
- Faculty: Faculty of Engineering, Shebin El-Kom
- University: Minoufiya University

- Degree: Ph.D.in Power and Electric Machinery
- Year: December 1979
- Faculty: Faculty of Engineering
- University: Mansoura University

- Degree: M.Sc. in Power and Electric Machinery
- Year: February 1977
- Faculty: Faculty of Engineering
- University: Helwan University

- Degree: B.Sc. in Electrical Power Engineering
- Year: May 1970
- Faculty: Faculty of Engineering
- University: Mansoura University

• *Language & Computer Skills*

- English: excellent (Reading/writing/speaking).

• *Teaching and Research Topics*

- Electrical Machines
- Electrical Drives
- Electrical Engineering

• *Projects with Industry*

1. Project with ELMACO Company for “Development and Design Optimisation of welding transformers Produced by ELMACO Company”. This Project is achieved through the “University Linkage Project”. Grant FRCU 830603. During three years, June 1983-May 1986, the development of 400-A AC arc welding transformer and design of 200-A and 100-A AC arc welding transformers are achieved.
2. Project for “Emergency Light Instrument” and for “Tungster Rectifier” is achieved in June 1986. This Project is requested by “El-Nasr Transformers and Electrical Products Company (ELMACO)” as new Products.
3. Project with ELMACO Company for “Design and construction of modern types of welding transformer produced by ELMACO Company”. This Project is achieved through the “University Linkage Project”, Grant FRCU 89003. During two years, November 1989 – October 1991, new DC arc welding Transformers of 400, 200, 100 – A are designed. Also, design of thyristor control circuits for both AC and DC arc welding transformers of different rates are achieved.
4. Project with Shubra Company for Engineering Industries, Ministry of Military Production. This Project is financed from the company and achieved through 1991 for design and production of 0.5 hp, 0.75 hp and 1.0 hp single phase 220 V induction motors, to be new products of the company. These motors are producing now.
5. Project with Shubra Company for engineering Industries, Ministry of Military production. This Project is financed from the company and achieved through 1992 for design and production of two speed (500, 3000 r.p.m.) single phase induction motor. This motor is used in the automatic washing machines, producing now by the company as a first time production in Egypt.
6. Project with National Company for Electrical Industries, 10th of Ramadan City. This project for design, testing and continuous consultant to develop all motors by all types produced by the Company.

* *Patents*

1. F.E. Abdel-Kader, UK Patent Application GB 216804 A, “Improvements in or relating to Electric Generating Systems”, May 1988.
2. F.E. Abdel-Kader, Egypt Patent 9002057, “Brushless Constant Frequency Variable Speed Generator”, February 1990.
3. F.E. Abdel-Kader, Egypt Patent 9002058, “The By-pass Voltage Regulator”, February 1990.

• *Additional Data*

- Consultant for Electrical Machines.
- Published over 120 papers.
- Supervised over 50 of M.Sc. and Ph.D. thesis.
- Examined over 70 of M.Sc. and Ph.D. thesis.