

Dr. Maher Khammash

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CURRENT POSITION

Head of Electrical and Telecommunication Engineering Departments, An- Najah National University, September 2009 – Present

EDUCATION

- Ph.D, Electrical Engineering. Moscow Power Engineering Institute “Technical University”, Moscow, Russia, 1993. Specialization: Electric Power Systems.
Ph.D dissertation: Development of computer aided design elements to solve the problem of reactive power compensation in distribution and transmission networks of electric power systems.
- MSc. Electrical Engineering. Moscow Power Engineering Institute “Technical University”, Moscow, Russia, 1989 (with honor). Specialization: Electric Power Systems.

WORK EXPERIENCE

- 1993- Present, Assistant professor, Department of Electrical Engineering, An-Najah National University.
- 1996-1999, Head of the above mentioned department.
- 1993-1997, Advisor in the field of Electrical Engineering at Tubeileh Engineering Company.
- 2002-2004, Dean of Hisham Hijjawi College of Technology at AN-Najah National University.
My responsibilities include the general running of the college as well as the development of all newly established departments and educational programs.
- 2009-Now, Head of Electrical Engineering and Communications engineering departments at An Najah National University.

Certifications or professional registrations

Member of the Palestinian and Jordanian Engineering associations.

ADDITIONAL CAREER EXPERIENCE

Some selected practical services to the community:

- I was responsible for a training course in electrical installations and electrical machines held at An-Najah University in 1997.
 - I was a reviewer of the Energy Balance Report published by Palestinian Central Bureau of Statistics (PCBS) for the years 2001, 2002, 2003.
 - I was a reviewer of the program of Bachelor degree in “Technology of Electrical Energy” submitted by Palestinian Polytechnic University “PPU” to the Ministry of Higher Education in 2008.
 - I was a member of the Norwegian team to evaluate the projects performed by the Palestinian Energy Authority PEA and funded by Norway and Sweden during the period 2004-2008 “phase 4” regarding improvement and rehabilitation of the Palestinian power system, and to evaluate the future projects for the period 2008-2010 “phase 5”.
 - I was the representative of An-Najah University in the workshop aimed to design the earthing system in Palestine.
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COURSES TAUGHT

- Electric power systems 1
- Electric power systems 2
- Analysis and planning of Electric power systems
- Design and analysis of electrical networks.
- Electrical installations and safety systems
- Electrical machines 1
- Electrical machines 2
- Electric circuits 1
- Electric circuits 2
- Systems and signals
- Computer languages
- Introduction to Energy Technology (Master level course)

PUBLICATIONS

- Maher J.Khammash "Two Algorithms of Reactive Power Compensation in Distribution Networks". Moscow Power Institute publications. 1992.
- Maher J. Khammash "Design of an Electrical Network for the West Bank of Palestine with the Selection of Optimum Site of the Generating Power Plant".
Published in Journal of Applied Sciences, volume 5, number 7, pages 1142-1150. September 2005.
- Raed A.Alqadi; Maher J. Khammash "An Efficient Parallel Gauss-Seidel Algorithm for the Solution of Load Flow Problems". Published in the International Arab Journal of Information Technology (IAJIT), volume 4, number 2, pages 148-152, April 2007.
Jordan, Zarqa Private University. P. O. Box 2000

REFERENCES

Available upon request
