

CURRICULUM VITAE



PERSONAL INFORMATION

First Name: Mohamed Nazih
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Date & Place of Birth: Aleppo, Syria 1954
Nationality: Syrian
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Objective: Faculty position

EDUCATION

- **Ph.D.** in Electrical Engineering - Vanderbilt University, Nashville, USA,1991
- **M.Sc.** in Electrical Engineering -Vanderbilt University, Nashville, USA,1986
- **B.Sc.** in Electrical Engineering., University of Aleppo, Syria ,1980

PROFESSIONAL EXPERIENCE

- 2004-Now **King Fahd University of Petroleum & Minerals** -HBCC Electrical and Electronics Engineering Technology Department
- Coordinator of Electrical and Electronics Engineering Technology Unit (2004-2010& 2013-January 2016)
 - Teaching Electrical and Electronics Engineering courses
- 2016-Now **University of Hafr Al-Batin**
- Vice Dean For prep-year- University of Hafr Al-Batin(2016-Now)
 - Teaching Electrical and Electronics Engineering courses
- 1998-2004 College of Technology at al Baha, Saudi Arabia, Head of the Electrical Technology Department
- Teaching most of the courses in the department
 - Training Saudi engineering in most of the laboratory
- 1994-1998 University of Aleppo, Syria Electrical Engineering Department
- Teaching electric circuit 1 &2 , and power system analysis.
 - Teaching (application of reliability and probability on power systems).
 - Developing laboratory instructions.

- 1992-1993 **Vanderbilt University-U.S.A.**
 Postdoctoral fellow in the biomedical engineering studying
 optoelectronics, instrumentation, computer hardware, software and
 laser methods for circulatory transport
- 1986-1991 **Vanderbilt University-U.S.A.**
 Teaching mainly undergraduate laboratories in EE department
 Instructor for Automatic control theory
- 1982-1983 Aleppo University, electrical engineering department, Syria
 Teaching electric circuit 1&2 and power system protection
 laboratory

INDUSTRIAL EXPERIENCE

- 1996-1998 Aleppo thermal power station (5X213 MW Mitsubishi Heavy Industries,
 LTD)
- Supervising the electric work (erection and commissioning).
 - Power factor improvement and harmonic elimination for industrial
 factories Aleppo, Syria.
- 1980-1982 PEEGT (Electricity Ministry)66/20/0.4 KV S/S, Aleppo, Syria
 Supervising the electric work (erection and commissioning).

Lab Manual Development:

Developed the lab manuals for the following subjects:

- Industrial Electronics
- Programmable Logic Controller
- Power System Protection
- Electric machinery
- Electronic Circuits
- Power System Lab
- Control System

Teaching:

Have taught the following courses:

- Industrial Electronics
- Programmable Logic Controller
- Power System Protection
- Electric machinery
- Electronic Circuits
- Power System Analysis.
- Control System
- Reliability of Power System (graduate level)
- Digital Circuits
- Electric Circuits
- Instrumentation and Measurements

- Probabilistic Methods in Electrical Engineering

Curriculum Planning & Development:

- Designed B.Sc. Applied and non Applied Electrical Engineering program structures and Curricula for Hafr-Al-Batin Community College –KFUPM, Saudi Arabia.
- Reviewed/updated ongoing Associate Degree Curricula of the Electrical and Electronics Engineering Technology Program at Hafr-Al-Batin Community College –KFUPM, Saudi Arabia.

NCAAA Accreditation:

- Wrote course and program specifications for NCAAA Accreditation for the Associate Degree Program in Electrical and Electronics Engineering Technology at Hafr-Al-Batin Community College –KFUPM, Saudi Arabia.

ABET Accreditation:

- Member of ABET committee which is preparing the EEET unit for accreditation in 2013/2014

Team Management:

- Program Coordinator for Electrical and Electronics Engineering Technology Program
- Supervising and quality Assurance aspect of the EEET unit.

PARTICIPATION IN WORKSHOP

- Workshop on Developing Assessment. Plan to Enhance Students Learning, February 19-20, 2007-KFUPM, preparation for ABET accreditation
- Workshop on National Commission for Academic Accreditation & Assessments (NCAAA), February 07-08, 2010-KFUPM.
- Workshop development of energy efficiency curriculum in Saudi University-4th November 2015.

AREAS OF INTEREST

- Teaching: Control systems , Power Electronics& Power Systems (design and analysis)
- Research: Power System security and control, power system integration, applying new techniques (neural network, fuzzy logic) on power system problems.

COMPUTER EXPERIENCE

Digital Computer

Hardware: IBM PC and Compatibles
 Operating Systems: MS DOS and UNIX/VMS
 Languages: FORTRAN and C
 Packages: WINDOWS, WORDPERFECT, MSOFFICE, MATLAB6 and simulink
 Including most of tool boxes.

Software: Designed computer programs in:
 power areas (machine, power electronics and drives, power systems)
 applied numerical techniques (linear algebra, optimization, artificial
 neural networks, fuzzy logic, genetic algorithm) on power system

controls

STUDENT RESEARCH PROJECTS SUPERVISED

Supervising Coop-students and Capstone projects.

PUBLICATIONS

More than 30 papers (both in Journals and Conferences levels) were published.

AWARDS

- Voted the best effective teacher in the Electrical Engineering Department- Al- Baha Technical College, 2000.
- Teaching Assistant 1987-1991 EE Department Vanderbilt University , USA

MEMBERSHIPS

- Member of the IEEE society since 1988
- Member of the IEEE power energy since 1991

REFERENCES

Upon your request.