

PERSONAL INFORMATION



- Name: Naser Ahmad Mohammad Abu-zaid.
- Title: Assistant Professor
- Marital status: married
- Children: Four
- Nationality: Palestine
- Place & Date of Birth: Palestine, Nablus 4-6-1968

REFEREED JOURNAL PUBLICATIONS

1. Naser A. Abu-Zaid and H.Tosun: "*Finite element analysis of tow-dimensional EM scattering via Pade' Approximation for complex permittivity*", American Geophysical Union, Radio Science, Vol. 37, No. 1, February 20, 2002.
2. Naser A. Abu-Zaid nad H.Tosun: "*Pade' Approximation for Extended Boundary Condition Method in Electromagnetic Scattering Analysis*", Microwave and Optical Technology Letters, Vol. 32, No. 2, January 20, 2002.
3. Naser A. Abu-Zaid, A. Niazi, and H.Tosun: "*State-Space formulation of two-dimensional electromagnetic scattering from dielectric cylinders*", American Geophysical Union, Radio Science, Vol. 34, No. 2, pp.297-309, March-April 1999.

TECHNICAL EXPERIENCE

Nov., 2012	<ul style="list-style-type: none"> ■ Training Workshops on Lab-Volt equipment "<i>Antennas & Microwaves</i>", Lab-Volt Limited, Quebec, Canada.
Oct. 2012	<ul style="list-style-type: none"> ■ Training Course on "<i>Fiber Optics Communication Systems</i>", held at Elettronica Veneta SPA, Motta DI Livenza (Treviso), Italy.
March 2014	<ul style="list-style-type: none"> ■ Several Workshops at King Abdul Aziz University. Jeddah-Saudi Arabia

ACADEMIC EXPERIENCE

June., 20014-Presnet	<p>An-Najah National University, Faculty of Engineering, Department of Electrical Engineering, Nablus-Palestine.</p> <ul style="list-style-type: none"> ■ Optical Fiber Communication Systems. ■ Modeling and Simulation of Communication systems. ■ Modeling and Simulation of Electrical Systems. ■ Electromagnetic Theory 2. http://videos.najah.edu/node/2648 ■ Electromagnetic Theory 1. ■ Digital Communications. ■ Electronics 2. ■ Electronics 1. ■ Antennas.
----------------------	--

<i>June 2013-May 2014</i>	<p>University of business and Technology, Faculty of Engineering and information Technology, Department of Electronic and communication Engineering, Jeddah-Saudi Arabia.</p> <p><i>Assistant professor lectured in:</i></p> <ul style="list-style-type: none"> ■ Modeling and Simulation of Communication systems. ■ Special Topics (On Electronics). ■ Analog Communications. ■ Digital Communications. ■ Communication Systems. ■ Electromagnetic. ■ Electronics II
<i>Sept., 2006-May 2013</i>	<p>An-Najah National University, Faculty of Engineering, Department of Electrical Engineering, Nablus-Palestine.</p> <p><i>Assistant professor lectured in:</i></p> <ul style="list-style-type: none"> ■ Optical Fiber Communication Systems. ■ Antennas. ■ Modeling and Simulation of Communication systems. ■ Modeling and Simulation of Electrical Systems ■ Electromagnetic Theory 2. http://videos.najah.edu/node/2648 ■ Electromagnetic Theory 1. ■ Special Topics (On Digital Communications). ■ Electronics 2. ■ Electronics 1. ■ Solid State Electronics. ■ Automatic Control (For Industrial/Mechanical Eng.) ■ Electrical Circuits II. ■ Electrical Circuits I.
<i>Sept., 2003–Aug.,2006</i>	<p>American University in Jenin, Faculty of Information Technology, Department of Telecommunication Technology, Jenin –Palestine.</p> <p><i>Assistant Professor lectured in:</i></p> <ul style="list-style-type: none"> ■ Antennas & wave propagation. ■ Microwave Engineering. ■ Electromagnetic theory II. ■ Electromagnetic theory I. ■ Modeling and Simulation of telecommunication systems. ■ Analog communication systems.
<i>Sept., 2002–Sept., 2003</i>	<p>Applied Sciences University, Faculty of Engineering, Department of Electrical & Computer Engineering, Amman-Jordan</p> <p><i>Assistant professor lectured in:</i></p> <ul style="list-style-type: none"> ■ Mobile communications. ■ Digital communications.

	<ul style="list-style-type: none"> ■ Optical communications. ■ Control systems. ■ Signals & systems. ■ Numerical Techniques.
<i>Sept., 1994–Jan., 2001</i>	<p>Eastern Mediterranean university, Faculty of Engineering, Department of Electrical and Electronic Engineering, Cyprus.</p> <p>Research and teaching assistant lectured in:</p> <ul style="list-style-type: none"> ■ Electronics I. ■ Circuit Theory. ■ Programming with Fortran. <p>Conducted laboratories for the courses:</p> <ul style="list-style-type: none"> ■ Microwave Theory. ■ Electronics I, Electronics II.

ADMINISTRATIVE EXPERIENCE

<i>Sept., 2003–Feb., 2005</i>	Chairman of Telecommunication Technology Department; Arab American University, Jenin-Palestine.
-------------------------------	---

EDUCATION

<i>Sept., 1996–Sept., 2001</i>	<p>Eastern Mediterranean University, North Cyprus</p> <ul style="list-style-type: none"> ■ Ph.D, Electrical and Electronic Engineering department (Computational Electromagnetics), February 19, 2002. (CGPA=3.48/4.0) ■ Thesis Title: <i>Wideband solutions of two-dimensional electromagnetic wave scattering by means of a combination of Finite Element Method (FEM) or Extended boundary condition method (EBCM) and Pade` approximation.</i>
<i>Sept., 1994–July 1996</i>	<p>Eastern Mediterranean University, North Cyprus</p> <ul style="list-style-type: none"> ■ M.S, Electrical and Electronic Engineering department (Computational Electromagnetics), July 8, 1996. (CGPA= 3.61/4.0) ■ Thesis Title: <i>A Numerical approach for solving electromagnetic wave scattering from arbitrary shaped inhomogeneous dielectric cylinders (State space formulation).</i>
<i>Feb., 1991–June, 1994</i>	<p>Eastern Mediterranean University, North Cyprus</p> <ul style="list-style-type: none"> ■ B.S, Electrical and Electronic Engineering department (Signal processing), June 24, 1994. (CGPA=3.26/4.0) ■ Graduation Project Title: <i>(Adaptive signal processing) simulations of adaptive notch filter and the line enhancer.</i>

RESEARCH INTRESTS:

Computational Electromagnetics; Optical Communication Systems-FTTH; Neural Networks and Image processing.

COMUTER SKILLS

- Excellent knowledge of several technical packages such as MATLAB, MAPLE, and SIMULINK.
- General knowledge of computer software and hardware.
- Developer for one and two dimensional FEM programs.

COMITTEES AND MEMBERSHIP

- Several academic and administrative committees at An-Najah National Univeristy, Electrical and Communication Engineering Departments, Nablus-Palestine.
- Scientific Research committee, Electrical and Computer Engineering Department, Applied Science University, Amman, Jordan.
- Library committee, Electrical and Computer Engineering Department, Applied Science University, Amman, Jordan.
- IEEE member within 1995-1996.

PROJECTS & THESIS SUPERVISION

Supervised several undergraduate projects and seminars at An-Najah University (Palestine); University of business and technology (Saudi Arabia); American University (Palestine); and Applied Sciences University (Jordan).

AWARDS & SCHOLARIES

- Awarded full scholar ship during M.S and Ph.D studies and accepted as a full research and teaching assistant during the whole study period.
- Placed on the Honors list during B.S with partial donations.

LANGUAGES

Excellent in Arabic (Mother tongue), Excellent in English, and familiar with Turkish.