

Curriculum Vita

PERSONAL

Name	Mohamed Ouda
Home Address	630 Wonderland Rd South. London, On., Canada, N6K 1L8
Nationality	Canadian
Telephone	+1 (226) 270-2761
E-mail	drouda@hotmail.com
Linkedin Account	ca.linkedin.com/pub/mohamed-ouda/29/57/355

EDUCATION

- **Degree Achieved** Doctor of Philosophy
Degree awarded 05/29/1996
Name of Institute University of Manitoba
Institute address Winnipeg, Manitoba, Canada
Specialization Electrical Engineering
Title of Thesis *Electrical Parameters Extraction of 3D Structure*

- **Degree Achieved** **Master of Science**
Degree awarded 10/22/1992
Name of Institute University of Manitoba
Institute address Winnipeg, Manitoba, Canada
Specialization Electrical Engineering
Title of Thesis *Analysis of 2-d Scattering and Radiation Problems Using the Generalized Multipole Technique*

- **Degree Achieved** **Bachelor of Science**
Degree awarded 09/1986
Name of Institute University of Aleppo
Institute address Aleppo, Syria
Specialization Electronic Engineering
Title of Thesis *Design of controlled lighting system*

- **Degree Achieved** **Certificate**
Degree awarded May. 2014
Name of Institute Centre for Higher Education Research and Development, University of Manitoba
Institute address Winnipeg, Manitoba, Canada
Specialization University & College Administration
Courses studied *Powerful communication through writing, Strategic planning at the unit level, Financial management and budgeting, Conflict Resolution, Mission, culture, and governance of higher education, The role of the student and student needs, Key Performance Indicators, Technological Implications*

ACADEMIC & ADMINISTRATIVE EXPERIENCE

- ✓ **Associate Professor (Partial Load)**, School of Technology and Applied Science, Lambton College, Sarnia, Ontario, Canada, Sept. 2014- Present.
Responsibility:- teaching technology student courses in both classes and laboratories.
- ✓ **Associate Professor**, Electrical Engineering, University of Gaza, Feb. 2011- Present.
Responsibility:- developing courses, teaching graduate and undergraduate courses, supervising undergraduate projects and master theses and conducting research.
- ✓ **Associate Professor (Partial Load)**, School of Technology and Applied Science, Lambton College, Sarnia, Ontario, Canada, Sept. 2010-Dec. 2012.
Responsibility:- teaching technology student courses in both classes and laboratories.
- ✓ **Visiting Professor**, Department of Electrical and Computer Engineering, University of Waterloo, Waterloo, Ontario, Canada, Sept 2011- August 2012.
Responsibility:- conducting research in the area of antenna design for gain and bandwidth enhancements.
- ✓ **Assistant Professor**, Electrical Engineering, University of Gaza, Sep. 1996- Dec. 2010.
Responsibility:- developing courses, and teaching graduate and undergraduate courses, supervising undergraduate projects and master theses, conducting research, heading and/or participating in various committees in the department, the engineering college and the university
- ✓ **Director of Projects and Research Laboratory (PRL)**, Faculty of Engineering, University of Gaza, Sep. 2007- Sep. 2009.
Responsibility:- Managing the daily activities of the Lab, developing the strategic and operational plans and budget for the Lab. soliciting fund for projects and research activities, Organizing seminar and workshops with local community, organizing yearly expo for the student and the lab projects.
- ✓ **Vice Dean of Engineering**, University of Gaza, Sep.2001 –Sep. 2002.
Responsibility:- Facilitating strategic and operational planning, Coordinating curriculum developments, Hiring of new members, Coordinating budget requests of the departments, and fostering the development of large research initiatives including centers, and laboratories.
- ✓ **Founder and Director of Energy Research and Development Center**, University of Gaza, Oct. 1999 - Sep. 2001.
Responsibility:- managing the daily activities of the Lab, developing the strategic plan, operational plan and budget, fostering the development of research initiatives and projects. soliciting fund for projects and research activities, Organizing seminar and workshops with local community. Studying the energy needs of the local industrial and commercial sectors. Promoting energy conservation practices.

- ✓ **Head of Electrical and Computer Engineering Department**, University of Gaza, Sept. 1997- Aug. 1999.
Responsibility:- providing visionary leadership; advancing professional development of faculty, staff and students; encouraging excellence and innovation in research, teaching, and service; and fostering productive interdisciplinary relationships with a variety of entities across the University community.
- ✓ **Member of Engineering Faculty Council**, University of Gaza, Oct. 1997 – Sept 2002.
Responsibility:- chairing the curriculum development committee and participating in various planning and social committees.

TEACHING EXPERIENCE

➤ COURSES DEVELOPED

Course #	Course name	Program
EELE6325	Advanced Antenna theory	Master program
EELE6348	Advance Selected Topics	Master program
EELE5549	Radar Systems	Undergraduate- fifth year
EELE5545	Antenna Theory	Undergraduate- fifth year
EELE3331	Electromagnetic I	Undergraduate- third year
EELE 3332	Electromagnetic II	Undergraduate- third year
EELE5544	Microwave Engineering	Undergraduate- fifth year
EELE5351	Selected topics in electrical engineering	Undergraduate- fifth year

➤ COURSES TAUGHT AT GAZA UNIVERSITY

Course #	Course name	Program	# of Students
EELE6325	Advanced Antenna theory	Master program	20
EELE6348	Advance Selected Topics	Master program	20
EELE 2320	Electronics I	Second year	70
EELE5549	Radar Systems	Fifth year	30
EELE5545	Antenna Theory	Fifth year	30
EELE3331	Electromagnetic I	Third year	60
EELE 3332	Electromagnetic II	Third year	60
EELE5544	Microwave Engineering	Fifth year	30
EELE3310	Linear Signal and systems	Third year	90
EELE 3370	Communication theory I	Third year	90
EELE5301&	Undergraduate Final research	Fifth year	30
EELE 5302	projects one and two		

➤ COURSES TAUGHT AT LAMBTON COLLEGE, Canada

Course #	Course name	Program	# of Students
ELE 3303	Electric–Electronic Controls	Instrumentation Control & Electrical Department	40
ELE106-5	Electric Circuit I	Power Engineering Technology	45

ELE105-5	Electric Circuit I	Instrumentation Control & Electrical Department	40
ELE 205-5	Electric Circuit II	Instrumentation Control & Electrical Department	40

➤ **SUPERVISION OF THESES**

University	Year	Thesis title	Program
Gaza University	2014	Antenna Bandwidth Improvement By Using Indirect Coaxial Probe Feeding Method	Master
Gaza University	2012	LTE Antenna's Parameter Enhancement for Mobile Communication Applications	Master
Gaza University	2012	The Effect of Sector Antennas On Human Head Model In Term Of Electromagnetic Radiation And SAR Distribution	Master
Gaza University	2013	Design Microstrip Patch Antenna for Ultra Wide Band (UWB) Application	Master
Gaza University	2013	Enhancement of Antenna for WBAN With Diversity features	Master
Gaza University	2013	Wireless power transfer using magnetic resonance coupling	Master

CONSULTATIONS TO COMMUNITY

Institution	Nature of Consultation	periods
The Palestinian Legislative Council	Electricity sector managements in Gaza	Sept. 2013-Dec. 2013
USAID	Analysis of energy sectors in Gaza	Jan. 2004-May 2004
Ministry of Communication	Antenna Placements	Occasionally
Continuing Education and Community Service Center, IUG	Board member and Coordinator	Oct. 1999 – Sep 2002

COMMUNITY SERVICES

Community Sector	Nature of Service	periods
The Institute for Middle Eastern Studies – Canada.	Board Member and Co-Founder	2011- Present
Children Happiness Association, Northern Gaza,	President,	2006-2011
IEEE- Gaza Branch	Various Seminars and Workshops	Jan. 1997-present

Community Service Center, IUG.	Training course in practical communication applications,	Sept 1999-Apr. 2001
Community Service Center, IUG	Training Course in practical marine radar and communication system applications for fishers	May 2001-July. 2001
Community Service Center, IUG.	Training Course In regulation and design of Electrical installations and wirings for engineers	Jan. 2003-July. 2003

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

Gaza Engineering syndicate since 1986
IEEE 1990

RESEARCH INTERESTS

- ✓ Antenna Theory & Design,
- ✓ Electromagnetics Meta-materials and applications
- ✓ Microwave Filters and Sensors
- ✓ Energy Induction & Harvesting
- ✓ Electromagnetic Compatibility & Interference.

AWARDS

- ✓ University of Gaza Research Award, 2007.
- ✓ **University of Emirates award for best innovative project in the international energy and environment competition, 2002.**
- ✓ University of Manitoba Fellowship Award, Sept. 1993-1996.
- ✓ United Arab Emirates Award for Undergraduate study 1981-1986.