


PERSONAL INFORMATION

Astrit Bardhi



 Rruga "Fejzi Hizmo" - Unaza e Re, Njesia Bashkiake Nr. 6, 1023 Tirana (Albania)

 (+355) 695856635

 asibardhi@gmail.com

Sex Male | Date of birth 1 Feb 1972 | Nationality Albania

WORK EXPERIENCE

4 Jun 2005–Present

Lecturer - Polytechnic University of Tirana

Department of Automation, Faculty of Electrical Engineering
Sheshi "Nënë Tereza" Nr.4, Tiranë, 0355 Tirana (Albania)
www.upt.al

Responsible lecturer

- Electric Machines I & II-undergraduate (B.Sc) course.
- Dynamics of Electric Machine-graduate (M.Sc) course.

Business or sector Education

4 Apr 2001–1 Feb 2006

Electrical engineer

Albania Mobile Communication
Rruga e Durrësit, Laprake, Tirana (Albania)
www.amc.al

- Maintenance of power units at all AMC base stations.
- Maintenance of electro-mechanical equipment such as: battery, rectifier, air - conditioning, inverter etc.
- Kepping the contacts and relation with AMC subcontractor as KESH (OSHEE), Energy B etc.

Business or sector Information and communication

EDUCATION AND TRAINING

6 Jun 2007–19 Dec 2011

PhD - Electrical Machines Diagnosis

EQF level 1

Faculty of Electrical Engineering, Polytechnic University of Tirana, Tirana (Albania)

Thesis Title: "Real time diagnosis of defects in inductions machine"

6 May 2004–6 Jun 2007

Post graduated studies

Faculty of Electrical Engineering, Polytechnic University of Tirana, Tirana (Albania)

1 Sep 1990–13 Jul 2002

Master of Science in Electrical Engineering

Faculty of Electrical Engineering, Tirana (Albania)

PERSONAL SKILLS

Mother tongue(s) Albanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2
Diploma issued by University of Tirana					
Greek	C2	C1	C2	C2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills

I have very good communication skills with co - workers and people in general. I am friendly, gender and intercultural sensitive in work. Also, I like team work, and I am trustworthy with colleagues, partners, etc.

Organisational / managerial skills

- I am result oriented and I am able to set priorities in order to manage the time at work.
- I have coordination and management skills for tasks, responsibilities and co-workers.
- I am skillful and able at managing different situation during work.
- Negotiating with suppliers and purchase items at optimum cost.
- Attending meetings, writing reports and giving presentations to managers and clients

Job-related skills

- Professional License EZ.0932 (Power grid system implementation and design).
- Expertise in Electrical Machine, (AC generators, AC induction motors, DC machine, power transformer etc).
- Development, Research and Analysis in: New technology for control systems of electrical machine and power system.
- Real time monitoring and diagnosis of electrical equipment during operation.
- Expertise on electric machine operation (induction motors) in order to provide high efficiency.
- Design of electrical network.
- Preparation of Electrical procedures for installation test & commissioning.
- Reading electrical design specifications and technical drawings. Organizing routine servicing schedules.
- Ability to prepare Operation & Maintenance Manuals.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Excellent command in Microsoft Office package (Word, Excel, PowerPoint, Access) etc
- Very good command in different software computer programs:
 - Matlab

- ACAD
- Neplan
- ATP

ADDITIONAL INFORMATION

Publications

[1] **Astrit BARDHI**, Alfred PJETRI, Gentian DUME, “*Estimation Of Broken Rotor In Induction Machine Using Spectral Analysis Of Instantaneous Power*” International Journal of Science and Research (IJSR), Vol 3, Issue 6, June 2014, **ISSN (Online): 2319 – 7064**, www.ijsr.net

[2] **Astrit BARDHI**, Myrteza BRANESHI, Alfred PJETRI, “*Impact of small hydropower plant on improvement of voltage level and energy efficiencies*” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (ijareeie), Vol 3, Issue 10, November 2014, **ISSN (Print) : 2320 – 3765 , ISSN (Online): 2278 – 8875**, www.ijareeie.com

Conferences

[1] **Astrit BARDHI**, Ymer LUGA, Alfred PJETRI, Myrteza BRANESHI, “*Estimation of defects in induction machine using of current space vector locus*”, The 5 th International Scientific Conference on “Energy and Climate Change” Proceeding of Promitheas Conferences (204 page), page 168 – 175, (11 – 12) October, 2012/Athens, www.kepa.uoa.gr.

[2] Alfred PJETRI, **Astrit BARDHI**, Ymer LUGA, Myrteza BRANESHI, “*Speed estimation of Induction Motors with Rotor Slot Harmonics*”, The 5 th International Scientific Conference on “Energy and Climate Change” proceeding of Promitheas Conferences (204 page), page 176 – 183, (11 – 12) October, 2012/Athens., www.kepa.uoa.gr

[3] **Astrit BARDHI**, Genci SHARKO Nike SHANKU, “*Improve communication and presentation skills a new challenge for students of branches engineering*” The 2 nd International Conference on “Research and Education – Challenges towards the future” ICRAE 2014, **ISSN: 2308 – 0825**, 30 – 31 Maj 2014, Shkoder <http://icrae2013.unishk.al/icrae2014>.

[4] **Astrit BARDHI**, Alfred PJETRI, Myrteza BRANESHI, “*Impact of distributed generation on power system: case study*”, The 7 th International Scientific Conference on “Energy and Climate Change” Proceeding of Promitheas Conferences ISBN: 978-960-466-142-8 ISSN: 2241-7850-3 (204 page), page 115 – 120, (8 – 10) October, 2014/Athens, www.kepa.uoa.gr.

[5] R. Bualoti, A. Gjukaj, **A. Bardhi**, *Monitoring the Power Quality for Wind power Plant of Golesh*, MEDPOWER 2014, 9th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion, Athens, Greece, (ID121), November 2-5, 2014.

[6] Astrit BARDHI. Flamur BIDAJ, Alfred PJETRI “*Analysis of Tervol Small Hydropower plant at a Region of Distribution System*” 5th International Conference on Renewable Electrical Power Sources, ISBN 978-86-81505-84-7, Belgrade, Serbia October 12-13, 2017