

Curriculum Vitae CV

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Google scholar: <https://scholar.google.co.uk/citations?user=U4s6PyYAAAAJ&hl=en>

Qualifications

- PhD, University of Huddersfield, School of Computing and Engineering, Centre for Precision Technologies, UK.
- MSc in Engineering Control Systems and Instrumentation, University of Huddersfield, School of Computing and Engineering, UK, where I graduated with distinction in September 2010.
- MSc diploma in Electric Control Systems, University of Misurata, Department of Electrical and Electronic Engineering, Libya, September 2007.
- Bachelor of Science in Electrical & Electronic Engineering, University of Sirt, Libya, 2002.

Training Courses

- Training course in Tunisia “Libyan Entrepreneurship program”, implemented by **Expertise France**, from 29th March to 2nd April 2021.
- Training course in France “Fab Lab project” implemented by **Expertise France** on October 24-25, 2019 for 2 full days at the equipment supplier premises in the city of Valenciennes, France.
- Training of Libyan professors in Entrepreneurship and business development, implemented by **Expertise France** from 16 to 20 of September 2019 in Tunis.
- The CNC Machine Tool Operator (2014) at University of Huddersfield
- Computer hardware maintenance. (2007), Department Electric Lab (TQ Company, UK 2005).

Teaching experience

Workshops

- Digital marketing workshop, Faculty of engineering, Misurata University, 2021.
- Digital marketing workshop, Chamber of Commerce, Agriculture and Industry- Misurata, 2020.
- Digital marketing, implemented by Expertise France, Fab Lab project for Libyan students, 2019.

Training courses

- Soft skills course “business email, online file storage, shared calendars, and video meetings” for Afaglibya training center, 2021.
- Microcontroller “Arduino” course, for Afaglibya training center, 2020.

University level courses

Artificial Intelligence, Signals and systems, Numerical analysis, Physics 2, Electrical motors drives, Computer programmable controller, Computer applications, Principles of Computer Science, Control systems (Lab), Engineering Drawing and CAD (Lab).

Postgraduate courses

Research methods, Numerical analysis, CNC machining.

Awards

- Scholarship: Heidenhain (GB) Scholarship February 2015.
- The Departmental Prize for Best Student on the Engineering Control Systems and Instrumentation MSc 2010. University of Huddersfield, School of Computing and Engineering, UK.

Employment history

- Lecturer in Electrical and Electronic Engineering Department, Faculty of Engineering, University of Misurata (February 2017 – until now).
- Dean of Faculty of Engineering, University of Misurata (Dec 2017 – Jul 2018).
- **Research assistant, the Centre for Precision Technologies (CPT), University of Huddersfield (February 2016 - August 2016).**
- Registrar of Faculty of Engineering, University of Misurata (2005-2008).
- Assistant Lecturer in Electrical and Electronic Engineering Department, Faculty of Engineering, University of Misurata (2002-2008).

Research Interests

Entrepreneurship, digital marketing, Fuzzy Logic, Control Systems Engineering, Artificial Neural Networks, Internet of things, Open-source microcontrollers , ANFIS, Intelligent Systems, Systems Theory, Machine Tools, Particle Swarm Optimization, CNC Machining, Algorithms, Neuro-Fuzzy, Control Systems, Computational Intelligence, Neural Networks, Fuzzy Set Theory, Fuzzy Mathematics, Machine Learning, Soft Computing, Applied Artificial Intelligence, Evolutionary Computation.

Contribution to projects

Fab Lab Libya Project 2020 is a global network of local labs, enabling invention by providing access to tools for digital fabrication. Fab Lab Libya, which is financed by UK Government and implemented by Expertise France in Libya.

HARCO Project (Hierarchical and Adaptive smaRt COmponents for precision production systems application) funded by the European Commission Seventh Framework Programme (FP7), 2013.

- Design of tests, experimental setup and data analysis using MATLAB.
- Develop an intelligent thermal-error compensation model using fusion of both temperature sensors and direct strain measurement from Fibre Bragg Gratings (FBGs) sensors.

EASE-R3 Project (Integrated framework for a cost-effective and ease of Repair, Renovation and Re-use of machine tools within modern factory).

Reviewer for:

Applied Soft Computing - Journal – Elsevier, Applied Mathematical Modelling - Journal – Elsevier, Hacettepe Journal of Mathematics and Statistics, Applied Sciences - Journal – MDPI, Mechanical Systems and Signal Processing - Journal – Elsevier.

Programing Skills

Python, MATLAB, C++, Java Script, html, PHP.

Publications

Please visit my page on Google Scholar

<https://scholar.google.co.uk/citations?user=U4s6PyYAAAAJ&hl=en>