

# CURRICULUM VITAE

CLÁUDIA DIAS SEQUEIRA

## CURRICULUM VITAE

### Personal Information

<b>Surname(s) / First name(s)</b>	Sequeira, Claudia Dias
<b>Nationality</b>	Portuguesa
<b>Date of birth</b>	19 de Fevereiro de 1978
<b>Address(es)</b>	Rua Ataíde Oliveira, nº96 1ºE 8000 – 221 Faro
<b>Telephone(s)</b>	+ 351 96 6868428
<b>E-mail</b>	<a href="mailto:cdsequeira19@gmail.com">cdsequeira19@gmail.com</a> <a href="mailto:cdsequeira@ualg.pt">cdsequeira@ualg.pt</a>

### Work experience

<b>2009/20..</b>	<b>IBERWIND</b> Develop and operating renewable energy projects allowing the production of clean and renewable energy, Oeiras, Portugal.
<b>Occupation</b>	Wind Turbine Consultant applied to predictive maintenance, CMS project coordinator (condition monitoring systems).
<b>2003/20..</b>	<b>UALG</b> University of Algarve, Institute of Engineering, Portugal
<b>Occupation</b>	Professor at the Mechanical Engineering Department
<b>Lecturing</b>	Mechanical Vibrations, Materials, Maintenance Management, Maintenance Conditioning, Maintenance Project, Statistics and physics.
<b>2004/2009</b>	<b>ACSARQUITECTURA,</b> Architecture and Engineering – Albufeira, Portugal
<b>Occupation</b>	Project Designer 3D, Building Energy Certification.
<b>2002/2005</b>	<b>DATANÁLISE,</b> Mechanical Vibration Analysis Services, Oeiras, Portugal.
<b>Occupation</b>	Vibration Analyst
<b>2000</b>	<b>GREEN</b> University of Algarve – Energy Working group of 3 stars Hotels in Algarve.
<b>Occupation</b>	Energy Auditor
<b>1999</b>	<b>Hotel Sheraton Algarve - Portugal</b> 5 Stars Hotel in Algarve, Portugal.
<b>Occupation</b>	Mechanical Engineering, Conditioning maintenance and Maintenance Contracts

## Education and training

**2009/2013**

PhD in Mechanical Engineering.  
Thesis in Mechanical Vibration as a tool to improve maintenance in Wind Turbines.

**Name and type  
of organisation  
providing education**

New University of Lisbon - Faculty of Science and Technology

**Level in national or**

**International classification** Very Good

**2002/2006**

Master in Mechanical Engineering

Thesis in Analysis of Mechanical Vibration applied to rotating machines

**Name and type  
of organisation  
providing education**

New University of Lisbon - Faculty of Science and Technology

**Level in national or**

**International classification** Very Good

**1996/2001**

**Principal subjects**

Degree in Mechanical Engineering  
Maintenance Management

**Name and type  
of organisation  
providing education**

University of Algarve - Institute of Engineering, Portugal

**Level in national or**

**International classification** 14 'valores' (in 20)

## Personal skills and competences

Mother tongue(s) Portuguese

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Good	Excellent	Good	Fair	Fair
Spanish	Good	Good	Sufficient	Sufficient	Sufficient

## JOB RELATED SKILLS

2012	Training course Wind Turbine Condition Monitoring, GE (Bentley Nevada).
2012	Training course vibration analysis on gearboxes (Moventas).
2012	Training course oil analysis in wind turbines (Fluitec, N.Y)
2012	<b>BEST</b> , Wind Power Summer Course teacher, "Basic Maintenance in Wind Turbine", The answer is the blowing in the wind, University of Algarve.
2010	Training course vibration analysis, CSI Emerson.
2008	Training course maintenance management software "MAnWinWin" – Lisbon.
2007	Degree - Qualified Experts for Building Energy Certification - RCCTE Regulations, (qualified expert in Portuguese building thermal behavior regulation).
2005	Certified instructor with the certificate of professional competence (CAP)
2003	Workshop "Gears & Transmissions" – FEUP, Faculty Engineering Porto.
2003	Training course <b>MV-I</b> "Introduction vibration levels" INETI – CEGEF, Lisbon.
2003	Training course <b>AT-I</b> "Alignment technical's" INETI – CEGEF, Lisbon.

## ADDITIONAL INFORMATION

### University of Algarve, Institute of Engineering, Portugal

#### Job-related skills

2009/20..	Council on Scientific and technology member, University of Algarve, Institute of Engineering, Portugal.
2013/20..	Sub-director of Mechanical Engineering Course in University of Algarve, Institute of Engineering, Portugal.
2009/20..	Pedagogic Council member, University of Algarve, Institute of Engineering, Portugal.
2009/20..	Sub-director Prosthetics and Orthotics University of Algarve, School of Health, Portugal.

**JURY:**

Evaluation **Clean Tech & Industrial Process, National Innovation Competition BES**, Banco Espírito Santo, S.A. 2012.

**Computer skills**

Matlab, MAnWinWin, Revit (Autodesk), Emonitor (Odyssey), AutoCad, SolidWorks, Excel, Word, PowerPoint.

**Driving Licence**

A, A1, A2, B, B1.

**Publications**

**Sequeira, Cláudia D.** "The Influence of the wind turbine tower behavior on the results of the condition monitoring system" Renewable & Sustainable Energy Journal, submitted.

**Sequeira, Cláudia D.**, "Maintenance of Wind Turbines – The Influence of the Tower Behavior on the Conditioning Monitoring System Set-Up", **11<sup>th</sup> International Conference on Vibration Problems (ICOVP)**, September 2013.

**Sequeira, Cláudia D.**, "Vibration Sensors", Maintenance Journal, 2013.

**Sequeira, Cláudia D.**, "Vibration Sensors", TECNOVISÃO Journal, 2005.

**Master theses – Supervising:**

- |             |   |
|-------------|---|
| <b>2013</b> | Master Theses "Acoustic comfort in class room heated on Universit", Ana Costa.                                  |
| <b>2013</b> | Master Theses " Implementation TPM applied to REAL MARINA HOTEL&SPA", Joana Mascarenhas.                        |
| <b>2012</b> | Master Theses, " Acoustic and vibration analysis in four stars hotels", Liliano Abreu.                          |
| <b>2011</b> | Master Theses " Conditioning Maintenance Applied to CS Atlântico Hotel – São Rafael - 5 stars ", Ruben Barulho. |