

c v n CURRÍCULUM VÍTAE NORMALIZADO



Surname: EGUREN EGUIGUREN
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ORCID:
Research Id:
Date of birth: 27/10/1963
Sex: Male
Nationality: Spain
Country of birth: Spain
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Current professional situation

Name of the institution: University of Mondragón	Type of entity: University
Department, service, etc.: Polytechnic School Mechanics and Industrial Production	
Category/position or post: Research Professor	Teacher: Yes
City of work:	
Telephone: 943 794700	E-mail: jaeguren@mondragon.edu
Start date: 06/09/1999	
Type of contract: Staff	Type of dedication: FULL
Specialisation (Unesco Code):	
Current Occupation: Research Professor	
Keywords dedication: Continuous Improvement, Quality Engineering, Environmental Engineering	

Previous positions and activities

	Name of the entity	Category/position or job title	Start date
1	TORUNSA S.A.	Quality Manager	04/10/1986
	Txurxil S.Coop.	Methods Technician	20/05/1985

- 1 **Name of the entity:** TORUNSA S.A.
Type of entity: Company
Category/Position or position: Quality Manager
Start date: 04/10/1986
-

Name of the entity: Txurxil S.Coop.
Type of entity: Company
Category/position or post: Methods Technician
Start date: 20/05/1985

Academic training received

University degree

Diplomas, bachelor's and engineering degrees, bachelor's degrees and master's degrees

1 **Official qualification:** Technical architecture, degree, technical engineering
Name of degree: Industrial technical engineering (mechanical engineering)
Awarding institution: University of the Basque Country - Euskal Herriko Unibertsitatea
Date of graduation: 20/07/1987

Official qualification: Architecture, Bachelor's Degree, Engineering
Name of degree: Industrial Organisation Engineer
Degree-awarding body: Mondragon Unibertsitatea
Date of graduation: 19/07/1999

Official qualification: Advanced vocational training
Name of diploma: Formación Profesional Segundo Grado rama Metal. Specialist technician
Awarding body: JESUS ALTUNA DE BERGARA
Date of graduation: 20/07/1982

PhDs

Doctoral Programme: Mechanics and Production
Qualifying university: Mondragon Unibertsitatea
Date of graduation: 18/05/2012
Thesis title: DEVELOPMENT OF A MODEL TO ADDRESS CONTINUOUS IMPROVEMENT PROJECTS FOR PRODUCTIVE PROCESSES IN AN EFFECTIVE AND EFFICIENT WAY.
Thesis supervisor: Unai Elorza
Qualification: Apto Cum laudem

Language skills

Language	Speak to	Lee	Write
English	Well	Well	Well
French	Well	Well	Well

Basque	Correctly	Correctly	Correctly
English	Correctly	Correctly	Correctly

Teaching activity

Teaching given

1 **Course type:** ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2019/2020
End date:
No. Credits/Hours:

Type of course: MODELING AND SIMULATION
Qualification: UNIVERSITY MASTER'S DEGREE IN POWER ENERGY AND ELECTRONICS
Start date: 2019/2020
End date:
No. Credits/Hours:

Course type: MODELING AND SIMULATION
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING
Start date: 2019/2020
End date:
No. Credits/Hours:

Course type: QUALITY ENGINEERING
Degree: DEGREE IN INDUSTRIAL ORGANISATION ENGINEERING
Start date: 2019/2020
End date:
No. Credits/Hours:

5 **Course type:** OPERATIONAL MANAGEMENT
Qualification: UNIVERSITY MASTER'S DEGREE IN BUSINESS INNOVATION AND PROJECT MANAGEMENT
Start date: 2019/2020
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN INDUSTRIAL ORGANISATION ENGINEERING
Start date: 2019/2020
End date:
No. Credits/Hours:

Course type: IMPROVEMENT TECHNIQUES AND TOOLS
Degree: DEGREE IN INDUSTRIAL ORGANISATION ENGINEERING
Start date: 2019/2020
End date:
No. Credits/Hours:

8 **Type of course:** MODELING AND SIMULATION
Qualification: UNIVERSITY MASTER'S DEGREE IN STRATEGIC DESIGN OF PRODUCTS AND SERVICES
Start date: 2019/2020
End date:
No. Credits/Hours:

Course type: QUALITY ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2018/2019
End date:
No. Credits/Hours:

Course type: OPERATIONAL MANAGEMENT
Qualification: UNIVERSITY MASTER'S **DEGREE** IN BUSINESS INNOVATION AND PROJECT MANAGEMENT
Start date: 2018/2019
End date:
No. Credits/Hours:

Course type: MECHANICAL ENGINEERING LABORATORY II
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2018/2019
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2018/2019
End date:
No. Credits/Hours:

Course type: MANAGEMENT AND TREATMENT OF INDUSTRIAL WASTE
Degree: GRADUATE IN INDUSTRIAL PROCESS ENGINEERING ECOTECHNOLOGY
Start date: 2018/2019

End date:
No. Credits/Hours:

Course type: QUALITY ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2017/2018
End date:
No. Credits/Hours:

Course type: MANAGEMENT AND TREATMENT OF INDUSTRIAL WASTE
Degree: GRADUATE IN INDUSTRIAL PROCESS ENGINEERING ECOTECHNOLOGY
Start date: 2017/2018
End date:
No. Credits/Hours:

Course type: OPERATIONAL MANAGEMENT
Qualification: UNIVERSITY MASTER'S **DEGREE** IN BUSINESS INNOVATION AND PROJECT MANAGEMENT
Start date: 2017/2018
End date:
No. Credits/Hours:

Course type: QUALITY ENGINEERING
Degree: GRADUATE IN INDUSTRIAL PROCESS ENGINEERING ECOTECHNOLOGY
Start date: 2017/2018
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2017/2018
End date:
No. Credits/Hours:

Course type: MANAGEMENT AND TREATMENT OF INDUSTRIAL WASTE
Qualification: DEGREE IN INDUSTRIAL PROCESS ENGINEERING ECOTECHNOLOGY
Start date: 2016/2017
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2016/2017
End date:
No. Credits/Hours:

21 **Course type:** INDUSTRIAL ORGANISATION
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING
Start date: 2016/2017
End date:
No. Credits/Hours:

Course type: INDUSTRIAL ORGANISATION
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING
Start date: 2016/2017
End date:
No. Credits/Hours:

Course type: OPERATIONAL MANAGEMENT
Qualification: UNIVERSITY MASTER'S DEGREE IN BUSINESS INNOVATION AND PROJECT MANAGEMENT
Start date: 2016/2017
End date:
No. Credits/Hours:

Course type: QUALITY ENGINEERING
Qualification: DEGREE IN INDUSTRIAL PROCESS ENGINEERING ECOTECHNOLOGY
Start date: 2016/2017
End date:
No. Credits/Hours:

25 **Course type:** PRODUCTION ENGINEERING
Qualification: UNIVERSITY MASTER'S DEGREE IN BUSINESS INNOVATION AND PROJECT MANAGEMENT
Start date: 2015/2016
End date:
No. Credits/Hours:

26 **Course type:** BUSINESS ADMINISTRATION AND MANAGEMENT

Degree: GRADUATE IN ENERGY ENGINEERING
Start date: 2015/2016
End date:
No. Credits/Hours:

Course type: WORKSHOP ON TECHNOLOGY AND SUSTAINABLE DEVELOPMENT
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2015/2016
End date:
No. Credits/Hours:

Course type: BUSINESS ADMINISTRATION AND MANAGEMENT
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2015/2016
End date:
No. Credits/Hours:

29 **Course type:** INDUSTRY, ENVIRONMENT AND SOCIETY
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2015/2016
End date:
No. Credits/Hours:

30 **Course type:** QUALITY ENGINEERING
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2015/2016
End date:
No. Credits/Hours:

31 **Course type:** WORKSHOP ON TECHNOLOGY AND SUSTAINABLE DEVELOPMENT
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2014/2015
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING

Start date: 2014/2015
End date:
No. Credits/Hours:

Course type: MECHANICAL ELEMENTS
Degree: GRADUATE IN ENERGY ENGINEERING
Start date: 2014/2015
End date:
No. Credits/Hours:

Course type: BUSINESS ADMINISTRATION AND MANAGEMENT
Degree: GRADUATE IN COMPUTER ENGINEERING
Start date: 2014/2015
End date:
No. Credits/Hours:

35 **Course type:** GRAPHIC EXPRESSION
Degree: GRADUATE IN ENERGY ENGINEERING
Start date: 2014/2015
End date:
No. Credits/Hours:

Course type: INDUSTRY, ENVIRONMENT AND SOCIETY
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2014/2015
End date:
No. Credits/Hours:

Course type: BUSINESS ADMINISTRATION AND MANAGEMENT
Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES
Start date: 2014/2015
End date:
No. Credits/Hours:

Course type: GRAPHIC EXPRESSION
Degree: GRADUATE IN ENERGY ENGINEERING
Start date: 2013/2014
End date:
No. Credits/Hours:

Course type: INDUSTRY, ENVIRONMENT AND SOCIETY

Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES

Start date: 2013/2014

End date:

No. Credits/Hours:

Course type: CHEMICAL ENGINEERING AND THE ENVIRONMENT

Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.

Start date: 2013/2014

End date:

No. Credits/Hours:

Course type: CHEMICAL ENGINEERING AND THE ENVIRONMENT

Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.

Start date: 2013/2014

End date:

No. Credits/Hours:

42 **Course type:** WORKSHOP ON TECHNOLOGY AND SUSTAINABLE DEVELOPMENT

Qualification: DEGREE IN ENG. IN ECOTECHNOLOGY IN INDUSTRIAL PROCESSES

Start date: 2013/2014

End date:

No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING

Degree: DEGREE IN MECHANICAL ENGINEERING

Start date: 2012/2013

End date:

No. Credits/Hours:

44 **Course type:** CHEMICAL ENGINEERING AND THE ENVIRONMENT

Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.

Start date: 2012/2013

End date:

No. Credits/Hours:

45 **Type of course:** MODELING AND SIMULATION.

Degree: M.U. ENERGY AND POWER ELECTRONICS.

Start date: 2012/2013

End date:
No. Credits/Hours:

46 **Course type:** MODELING AND SIMULATION.
Qualification: UNIVERSITY MASTER'S DEGREE IN EMBEDDED SYSTEMS.
Start date: 2012/2013
End date:
No. Credits/Hours:

Course type: QUALITY ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2012/2013
End date:
No. Credits/Hours:

Course type: CHEMICAL ENGINEERING AND THE ENVIRONMENT
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.
Start date: 2012/2013
End date:
No. Credits/Hours:

49 **Course type:** EXPERIMENT DESIGN.
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.
Start date: 2012/2013
End date:
No. Credits/Hours:

50 **Course type:** INDUSTRIAL QUALITY AND SAFETY.
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.
Start date: 2012/2013
End date:
No. Credits/Hours:

51 **Course type:** ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN INDUSTRIAL ORGANISATION ENGINEERING
Start date: 2012/2013
End date:
No. Credits/Hours:

52 **Course type:** ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2012/2013
End date:
No. Credits/Hours:

Course type: INDUSTRIAL QUALITY AND SAFETY.
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.
Start date: 2012/2013
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

Course type: INDUSTRIAL QUALITY AND SAFETY
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.
Start date: 2011/2012
End date:
No. Credits/Hours:

56 **Course type:** CHEMICAL ENGINEERING AND THE ENVIRONMENT
Qualification: UNIVERSITY MASTER'S DEGREE IN INDUSTRIAL ENGINEERING.
Start date: 2011/2012
End date:
No. Credits/Hours:

Course type: POPBL 6
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

58 **Course type:** EXPERIMENT DESIGN
Degree: INDUSTRIAL ORGANISATION ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

59 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

Course type: EXPERIMENT DESIGN
Degree: INDUSTRIAL ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

Course type: POPBL 6
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN INDUSTRIAL ORGANISATION ENGINEERING
Start date: 2011/2012
End date:
No. Credits/Hours:

63 **Course type:** QUALITY ENGINEERING
Degree: GRADUATE IN INDUSTRIAL ORGANISATIONAL ENGINEERING
Start date: 2010/2011
End date:
No. Credits/Hours:

Course type: EXPERIMENT DESIGN
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 2010/2011
End date:
No. Credits/Hours:

65 **Course type:** EXPERIMENT DESIGN
Degree: INDUSTRIAL ENGINEERING
Start date: 2010/2011
End date:
No. Credits/Hours:

Course type: QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2010/2011
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2010/2011
End date:
No. Credits/Hours:

Course type: POPBL 6
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2010/2011
End date:
No. Credits/Hours:

69 **Course type:** ENVIRONMENTAL ENGINEERING
Degree: DEGREE IN MECHANICAL ENGINEERING
Start date: 2010/2011
End date:
No. Credits/Hours:

70 **Course type:** QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2010/2011
End date:
No. Credits/Hours:

71 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2009/2010
End date:
No. Credits/Hours:

Course type: QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2009/2010
End date:
No. Credits/Hours:

Course type: LABORATORY OF MECHANICS
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2008/2009
End date:
No. Credits/Hours:

Course type: LABORATORY OF MECHANICS
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2008/2009
End date:
No. Credits/Hours:

75 **Course type:** QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2008/2009
End date:
No. Credits/Hours:

Course type: PRODUCTIVE STRUCTURE DEVELOPMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2008/2009
End date:
No. Credits/Hours:

Course type: PRODUCTIVE STRUCTURE DEVELOPMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2008/2009
End date:
No. Credits/Hours:

Course type: QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2007/2008
End date:
No. Credits/Hours:

79 **Course type:** QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2006/2007
End date:
No. Credits/Hours:

80 **Course type:** INDUSTRIAL TECHNOLOGIES II
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 2006/2007
End date:
No. Credits/Hours:

81 **Course type:** QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2006/2007
End date:
No. Credits/Hours:

82 **Course type:** INDUSTRIAL STATISTICS
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 2006/2007
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2006/2007
End date:
No. Credits/Hours:

Course type: PRODUCTIVE STRUCTURE DEVELOPMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2005/2006
End date:
No. Credits/Hours:

85 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2005/2006
End date:
No. Credits/Hours:

86 **Course type:** TOTAL QUALITY
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 2005/2006
End date:
No. Credits/Hours:

87 **Course type:** INDUSTRIAL TECHNOLOGIES II

Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 2005/2006
End date:
No. Credits/Hours:

88 **Course type:** INDUSTRIAL TECHNOLOGIES II
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 2005/2006
End date:
No. Credits/Hours:

Course type: QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2005/2006
End date:
No. Credits/Hours:

90 **Course type:** MANAGEMENT MODELS
Degree: INDUSTRIAL ENGINEERING
Start date: 2005/2006
End date:
No. Credits/Hours:

91 **Course type:** QUALITY MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2004/2005
End date:
No. Credits/Hours:

92 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2004/2005
End date:
No. Credits/Hours:

93 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2004/2005
End date:
No. Credits/Hours:

94 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING

Start date: 2003/2004
End date:
No. Credits/Hours:

95 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2003/2004
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2003/2004
End date:
No. Credits/Hours:

Course type: ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2002/2003
End date:
No. Credits/Hours:

Course type: QUALITY II
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2002/2003
End date:
No. Credits/Hours:

99 **Course type:** QUALITY I
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2002/2003
End date:
No. Credits/Hours:

100 **Course type:** ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Degree: INDUSTRIAL ENGINEERING
Start date: 2001/2002
End date:
No. Credits/Hours:

101 **Course type:** QUALITY I
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2001/2002

End date:
No. Credits/Hours:

102 **Course type:** DESIGN AND PRODUCT
Qualification: TECHNICAL ENGINEERING IN INDUSTRIAL DESIGN
Start date: 2000/2001
End date:
No. Credits/Hours:

103 **Course type:** ENVIRONMENTAL MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2000/2001
End date:
No. Credits/Hours:

104 **Course type:** QUALITY I
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 2000/2001
End date:
No. Credits/Hours:

105 **Course type:** INDUSTRIAL STRUCTURES
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 1999/2000
End date:
No. Credits/Hours:

106 **Course type:** INDUSTRIAL TECHNOLOGIES I
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 1999/2000
End date:
No. Credits/Hours:

107 **Course type:** ENVIRONMENTAL MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 1999/2000
End date:
No. Credits/Hours:

108 **Course type:** INDUSTRIAL TECHNOLOGIES I
Qualification: ENGINEER IN INDUSTRIAL ORGANISATION
Start date: 1998/1999
End date:

No. Credits/Hours:

109 **Course type:** ENVIRONMENTAL MANAGEMENT
Degree: INDUSTRIAL TECHNICAL ENGINEERING IN MECHANICS
Start date: 1998/1999
End date:
No. Credits/Hours:

110 **Course type:** INDUSTRIAL EQUIPMENT MODIFICATION PROJECT
Qualification: C.F.S. - MAINTENANCE OF INDUSTRIAL EQUIPMENT
Start date: 1999/2000
End date:
No. Credits/Hours:

Course type:
Qualification: Environmental certificate for the market. Environmental Management Systems
Start date: 31/01/2013
End date: 31/05/2013
No. Credits/Hours: 350.0 (Hours)

Course type:
Qualification: Quality in the manufacturing process
Start date: 30/09/2008
End date: 16/10/2008
No. Credits/Hours: 36.0 (Hours)

113 **Course type:**
Qualification: INDUSTRIAL MANAGEMENT
Start date: 30/11/2004
End date: 02/12/2004
No. Credits/Hours: 9.0 (Hours)

114 **Course type:**
Qualification: Design, Deployment and Execution of the "Kalda" model at Fagor Ederlan 4th Edition
Start date: 30/01/2012
End date: 30/11/2012
No. Credits/Hours: 228.0 (Hours)

115 **Course type:**
Qualification: Process FMEA : Reliability tool
Start date: 28/06/2010

End date: 30/06/2010
No. Credits/Hours: 12.0 (Hours)

Course type:
Qualification: PROCESS FMEA
Start date: 28/02/2005
End date: 14/03/2005
No. Credits/Hours: 9.0 (Hours)

Course type:
Qualification: Kalitatea fabrikazio prozesuetan
Start date: 24/05/2004
End date: 03/06/2004
No. Credits/Hours: 32.0 (Hours)

Course type:
Qualification: Black Belt Training Course (Orkli)
Start date: 24/01/2008
End date: 22/07/2008
No. Credits/Hours: 222.0 (Hours)

Course type:
Qualification: Black Belt training course (Copreci)
Start date: 24/01/2008
End date: 22/07/2008
No. Credits/Hours: 222.0 (Hours)

Course type:
Qualification: Black Belt training course (Fagor Electrónica).
Start date: 24/01/2008
End date: 22/07/2008
No. Credits/Hours: 222.0 (Hours)

Course type:
Qualification: Black Belt training course (Fagor Ederlan).
Start date: 24/01/2008
End date: 22/07/2008
No. Credits/Hours: 222.0 (Hours)

Course type:
Qualification: MEASUREMENT SYSTEM ANALYSIS (CALIBRATION, REPETITIVITY AND REPRODUCTIBILITY)
Start date: 22/10/2001

End date: 30/10/2001
No. Credits/Hours: 16.0 (Hours)

123 **Course type:**
Qualification: KALITATEA FABRIKAZIO PROZESUETAN
Start date: 21/05/2002
End date: 06/06/2002
No. Credits/Hours: 36.0 (Hours)

124 **Course type:**
Qualification: UNIVERSITY EXPERT IN ENVIRONMENTAL
MANAGEMENT IN INDUSTRY
Start date: 21/01/2002
End date: 29/05/2002
No. Credits/Hours: 250.0 (Hours)

125 **Course type:**
Qualification: Training of environmental technicians for industry
Start date: 20/11/2006
End date: 29/11/2006
No. Credits/Hours: 24.0 (Hours)

Course type:
Qualification: Process FMEA : Reliability Tool (UN: Signal Processing)
Start date: 19/05/2008
End date: 29/05/2008
No. Credits/Hours: 12.0 (Hours)

Course type:
Qualification: Statistical Process Control: Capability Studies and Control
Charting
Start date: 19/06/2007
End date: 29/06/2007
No. Credits/Hours: 16.0 (Hours)

Course type:
Qualification: Process FMEA : Reliability tool
Start date: 19/07/2010
End date: 21/07/2010
No. Credits/Hours: 12.0 (Hours)

Course type:

Qualification: Design, Deployment and Execution of the ¿KALDA¿ model in Fagor Ederlan. Phase 1
Start date: 19/02/2009
End date: 06/11/2009
No. Credits/Hours: 864.0 (Hours)

130 **Course type:**
Qualification: ADVANCED COURSE IN PROJECT MANAGEMENT
Start date: 19/02/2002
End date: 12/07/2002
No. Credits/Hours: 120.0 (Hours)

131 **Course type:**
Qualification: Handling, storage and control of dangerous goods
Start date: 18/10/2004
End date: 27/10/2004
No. Credits/Hours: 24.0 (Hours)

Course type:
Degree: Statistical Process Control
Start date: 18/05/2010
End date: 27/05/2010
No. Credits/Hours: 16.0 (Hours)

Course type:
Qualification: Process FMEA 1: Reliability tool
Start date: 18/07/2007
End date: 26/07/2007
No. Credits/Hours: 16.0 (Hours)

134 **Course type:**
Qualification: Process FMEA 2: Reliability tool
Start date: 18/07/2007
End date: 26/07/2007
No. Credits/Hours: 16.0 (Hours)

135 **Course type:**
Degree: Design, Deployment and Execution of "KALDA" model in Fagor Ederlar. Phase 2
Start date: 18/01/2010
End date: 08/09/2010
No. Credits/Hours: 184.0 (Hours)

136 **Course type:**
Qualification: Project management
Start date: 17/09/2001
End date: 18/09/2001
No. Credits/Hours: 16.0 (Hours)

Course type:
Degree: VII Master's Degree in Business Project Management HUHEZI
Module: OPERATIONS MANAGEMENT.
Start date: 17/10/2005
End date: 20/01/2006
No. Credits/Hours: 72.0 (Hours)

Course type:
Qualification: Systematic problem solving through improvement teams
Start date: 17/04/2007
End date: 25/04/2007
No. Credits/Hours: 16.0 (Hours)

Course type:
Qualification: Quality in the manufacturing process
Start date: 16/10/2006
End date: 24/10/2006
No. Credits/Hours: 24.0 (Hours)

140 **Course type:**
Qualification: Quality in the manufacturing process
Start date: 16/05/2005
End date: 31/05/2005
No. Credits/Hours: 32.0 (Hours)

Course type:
Qualification: Training of environmental technicians for industry
Start date: 15/11/2004
End date: 24/11/2004
No. Credits/Hours: 24.0 (Hours)

Course type:
Qualification: Erdi mailako agintaritza eta industri kudeaketaren teknika aurreratuak
Start date: 14/11/2005
End date: 29/11/2005
No. Credits/Hours: 30.0 (Hours)

Course type:
Qualification: MBA MONE-OTALORA Module OPERATIONS
Start date: 13/02/2009
End date: 03/04/2009
No. Credits/Hours: 52.0 (Hours)

Course type:
Qualification: Process FMEA at FAGOR EDERLAN TAFALLA
Start date: 13/04/2010
End date: 21/04/2010
No. Credits/Hours: 16.0 (Hours)

145 **Course type:**
Qualification: Problem Analysis and Resolution
Start date: 12/03/2007
End date: 16/03/2007
No. Credits/Hours: 16.0 (Hours)

146 **Course type:**
Degree: Master's Degree in Production Management (XX Edition)
Start date: 12/01/2010
End date: 20/01/2011
No. Credits/Hours: 509.0 (Hours)

Course type:
Qualification: Lean Production and Continuous Improvement (Group 6)
Start date: 09/10/2009
End date: 06/11/2009
No. Credits/Hours: 40.0 (Hours)

148 **Course type:**
Qualification: Application of Smed on stamping machines
Start date: 09/05/2012
End date: 21/05/2012
No. Credits/Hours: 22.0 (Hours)

Course type:
Degree: Advanced Quality Planning and Control Planning
Start date: 08/10/2007
End date: 16/10/2007
No. Credits/Hours: 24.0 (Hours)

150 **Course type:**
Qualification: Process FMEA: A Reliability Tool
Start date: 08/05/2007
End date: 10/05/2007
No. Credits/Hours: 9.0 (Hours)

Course type:
Qualification: University Expert Course in Project Management (III EDITION)
Start date: 08/03/2005
End date: 16/06/2005
No. Credits/Hours: 200.0 (Hours)

Course type:
Qualification: Specialisation in Production Management
Start date: 07/09/2009
End date: 26/05/2010
No. Credits/Hours: 105.0 (Hours)

Course type:
Degree: Statistical Process Control
Start date: 07/10/2008
End date: 14/10/2008
No. Credits/Hours: 16.0 (Hours)

Course type:
Qualification: Internal auditors in environmental management systems.
Start date: 06/09/2004
End date: 15/09/2004
No. Credits/Hours: 24.0 (Hours)

Course type:
Qualification: Process FMEA
Start date: 05/09/2005
End date: 14/09/2005
No. Credits/Hours: 15.0 (Hours)

Course type:
Qualification: Zero defects. Poka Yoke Systems
Start date: 05/06/2007
End date: 07/06/2007
No. Credits/Hours: 8.0 (Hours)

Course type:

Qualification: Waste Management in Industry
Start date: 05/07/2004
End date: 14/07/2004
No. Credits/Hours: 24.0 (Hours)

Course type:
Degree: Design of Experiments
Start date: 04/05/2009
End date: 30/06/2009
No. Credits/Hours: 30.0 (Hours)

159 **Course type:**
Qualification: Process FMEA : Reliability Tool (UN:Semiconductors)
Start date: 04/03/2008
End date: 11/03/2008
No. Credits/Hours: 12.0 (Hours)

160 **Course type:**
Qualification: Process FMEA : Reliability tool
Start date: 04/02/2008
End date: 06/02/2008
No. Credits/Hours: 12.0 (Hours)

Course type:
Qualification: Process FMEA : Reliability Tool II (UN: Signal Processing)
Start date: 03/06/2008
End date: 12/06/2008
No. Credits/Hours: 12.0 (Hours)

162 **Course type:**
Qualification: Design, Deployment and Implementation of the "Kalda"
model in Fagor Ederlan 3rd edition.
Start date: 03/02/2011
End date: 29/11/2011
No. Credits/Hours: 228.0 (Hours)

163 **Course type:**
Qualification: University expert course in environmental management in
industry.
Start date: 03/02/2004
End date: 09/07/2004
No. Credits/Hours: 250.0 (Hours)

164 **Course type:**
Qualification: General concepts of local sustainability.
Start date: 02/11/2004
End date: 12/11/2004
No. Credits/Hours: 16.0 (Hours)

Course type:
Degree: Quality Engineering
Start date: 01/09/2009
End date: 29/09/2009
No. Credits/Hours: 45.0 (Hours)

Course type:
Qualification: Experimenting for Learning: Design of Experiments
Start date: 01/01/2010
End date: 31/12/2010
No. Credits/Hours: 28.0 (Hours)

Course type:
Qualification: Measurement Systems Analysis: Calibration, R&R
Start date: 01/01/2010
End date: 31/12/2010
No. Credits/Hours: 16.0 (Hours)

Course type:
Qualification: Quality in the manufacturing process
Start date: 01/01/2009
End date: 31/12/2009
No. Credits/Hours: 36.0 (Hours)

169 **Course type:**
Qualification: Kalitatea fabrikazio prozesuetan
Start date: 01/01/2008
End date: 31/12/2008
No. Credits/Hours: 32.0 (Hours)

170 **Course type:**
Qualification: Kalitatea fabrikazio prozesuetan
Start date: 01/01/2007
End date: 31/12/2007
No. Credits/Hours: 32.0 (Hours)

Course type:

Qualification: Kalitatea fabrikazio prozesuetan
Start date: 01/01/2006
End date: 31/12/2006
No. Credits/Hours: 32.0 (Hours)

Course type:
Qualification: Zero defects. Poka Yoke Systems
Start date: 01/01/2006
End date: 31/12/2006
No. Credits/Hours: 8.0 (Hours)

173 **Course type:**
Qualification: Kalitatea fabrikazio prozesuetan
Start date: 01/01/2005
End date: 31/12/2005
No. Credits/Hours: 32.0 (Hours)

174 **Course type:**
Qualification: Process FMEA: Reliability Tool (UN: Subcontracting)
Start date: 01/04/2008
End date: 10/04/2008
No. Credits/Hours: 12.0 (Hours)

Direction of doctoral theses and/or final projects.

-
- 1 **Title of the work:** Methodology for the transition of industrial organisations towards a Circular Economy model.
Type of project: Doctoral thesis
Qualifying university: Mondragon Unibertsitatea
Doctoral student/student ,
Date of reading:

Title of the work: DEVELOPMENT AND DEPLOYMENT OF A CONTINUOUS IMPROVEMENT MATURITY MODEL ADAPTED TO A BASQUE EQUIPMENT INDUSTRIAL SME.
Type of project: Doctoral thesis
Qualifying university: Mondragon Unibertsitatea
Doctoral student/student ,
Date of reading:

Job Title: IMPLEMENTATION OF THE JMA MANAGEMENT SYSTEM INTO THE CDM BUSINESS UNIT
Type of project: Final degree project
Qualifying university: MU
Doctoral student: Elixabet Aranburu Ezizolaza
Read date: 08/04/2020

Job Title: APPLICATION OF SMED TECHNIQUES IN A PACKAGING LINE
Type of project: Final degree project
Qualifying university: MU
PhD student: Mikel Ugarte Goikoetxea
Reading date: 11/03/2020

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- 5 **Título del trabajo:** Application of the Six Sigma method to improve the performance of a toy car
Type of project: Final degree project
Qualifying university: MU
Doctoral candidate/student: Kübra Saglam
Reading date: 28/01/2020

Título del trabajo: Design the Six Sigma method to improve the performance of a toy car
Type of project: Final degree project
Qualifying university: MU
PhD candidate/student: Nursen Kirici
Reading date: 28/01/2020

Job title: Redesign, adaptation and implementation of a system for the visualisation and control of the state of the production process.
Type of project: Final degree project
Qualifying university: MU

Doctoral student: Beñat Ochoa De Erive Lema
Read date: 24/07/2019

- 8 **Title of the work:** Reduction of non-quality costs through the use of DMAIC and Advanced problem solving methodologies.
Type of project: Final degree project
Qualifying university: MU
Doctoral student: Julen Galera Alboniga
Read date: 23/07/2019
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Title of the work: Reduction of non-quality costs in the manufacturing process of electro-motorised exhaust gas redirection valves for internal combustion engines using DMAIC and Advanced Problem Solving tools.
Type of project: Final degree project
Qualifying university: MU
PhD student: Mikel Insunza Gabikagogeaskoa
Read date: 23/07/2019

Job Title: Lean Management tools implementation in Orkli China
Type of project: Final degree project
Qualifying university: MU
PhD student: Iker Korta Sukia
Read date: 22/07/2019

Job title: Management of external plastic moulds
Type of project: Final degree project
Qualifying university: MU
PhD student: Jon Gisasola Auzmendi
Read date: 22/07/2019

Title of the work: Guide to Excellent Remanufacturing in the ACBC
Type of project: Final degree project
Qualifying university: MU
Doctoral student: Gaizka Elejalde Cantero
Read date: 18/07/2019

Scientific and technological expertise

Scientific or technological activity

Participation in R&D&I projects financed in competitive calls for proposals from public and private administrations or entities.

-
- 1 **Project title:** SOCIAL ECONOMY - Diagnosis of the environmental sensitivity of social economy enterprises.
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: djustel
Number of researchers: 3
Funding body/ies: Basque Government
Start date: 01/11/2019
End date: 30/06/2020

Name of the project: CIRCULAR TRANS II-Digital platform that guides the transition of industrial organisations towards a Circular Economy model in Gipuzkoa.
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: Justel, Daniel
Number of researchers: 23
Funding entity/ies: Provincial Council of Gipuzkoa
Start date: 03/06/2019
End date: 10/07/2020

Name of the project: CIRCULAR TRANS-Digital platform that guides the transition of industrial organisations towards a circular economy model in Gipuzkoa.
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: djustel
Number of researchers: 6
Funding entity/ies: Provincial Council of Gipuzkoa
Start date: 03/09/2018
End date: 24/05/2019

Project title: SPA-Adaptive Production Systems
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: pjarrazola

Number of researchers: 13
Funding entity/ies: Provincial Council of Gipuzkoa
Start date: 01/09/2016
End date: 30/09/2017

-
- 5 **Project name:** REMACOMPIND-Remanufacturing of industrial components
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: Eguren, Jose Alberto
Number of researchers: 13
Funding body/ies: Basque Government
Start date: 01/07/2016
End date: 31/03/2017

Project title: REINDUSTRY - Project Preparation of a Reindustrialisation Support Unit
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: jigartua
Number of researchers: 12
Funding entity/ies: Provincial Council of Gipuzkoa
Start date: 01/01/2015
End date: 31/12/2015

Name of the project: EKOI-Ekonomia eta Ekintzaitasun Orlegiaren Ikaskuntza
Organising entity: Mondragon Unibertsitatea
City:
Researcher(s) responsible: jigartua
Number of researchers: 4
Funding entity/ies: Provincial Council of Gipuzkoa
Start date: 01/09/2012
End date: 30/06/2013

-
- 8 **Project name:** RCMTOOLS-Development and implementation of a simplified Reliability Centred Maintenance tool.
Organising entity: Mondragon Unibertsitatea
City:
Responsible researcher(s):
Number of researchers:
Funding body/ies: Basque Government
Start date: 01/01/2010
End date: 31/12/2011
-

Project name: IMBOEE-Development and implementation of a Continuous Improvement programme based on Overall Team Effectiveness Translated to Money

Organising entity: Mondragon Unibertsitatea

City:

Responsible researcher(s):

Number of researchers:

Funding body/ies: Basque Government

Start date: 01/11/2009

End date: 31/12/2010

Project name: DEMAGILE TOOLS-Development of decision-making tools for the adaptation of structures according to the principles of 'leagile production'.

Organising entity: Mondragon Unibertsitatea

City:

Researcher(s) responsible: nzabaleta

Number of researchers: 6

Funding body/ies: Basque Government

Start date: 01/01/2009

End date: 31/12/2011

Project name: BIZIERA-New Strategies for the Life Cycle Management of Industrial Products

Implementing body: Department of Industry of the Basque Government

City: Arrasate-Mondragon

Researcher(s) responsible: Ibon Serrano

Number of researchers: 3

Funding organisation(s): Department of Industry of the Basque Government

Start date: 07/04/2003

End date: 26/11/2004

Project name: DDP-ZERO-Development and application of advanced zero-defect oriented product and process design techniques.

Organisational entity: Mondragon Goi Eskola Politeknikoa

City: Arrasate-Mondragon

Researcher(s) responsible: Mikel Beitia

Number of researchers: 4

Funding body/ies: Basque Government Copreci Scoop

Start date: 08/03/1999

End date: 24/11/2000

Project Name: NP-Characterisation of sheet metal forming processes for micro-parts

Implementing entity:

City:

Researcher(s) responsible: Carlos Garcia Crespo

Number of researchers:

Funding entity/ies: Provincial Council of Gipuzkoa

Start date: 10/01/1999

End date: 19/10/2000

Participation in non-competitive R&D&I contracts, agreements or projects with public or private administrations or entities.

1 **Project name:** REMANEX - Development of a methodology of excellence to be applied to remanufacturing processes (Eco-Innovation Project)
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 3
Participating entities: IHOBE
Funding organisation(s): Projects Abroad
City:
Start date: 03/12/2018
End date: 29/11/2019

Project name: PMC GOIZPER 2019-PMC Goizper 2019
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 2
Participating entities: GOIZPER, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 03/09/2018
End date: 31/07/2019

Project name: EKONATRA 2018-EKONATRA 2018
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 1
Participating entities: NATRA OÑATI, S.A.
Funding organisation(s): Projects Abroad
City:
Start date: 29/03/2018
End date: 30/06/2018

Project name: ORKLI-Support in the improvement of Orkli's new business and innovation system.
Quality in which it has participated:
Researcher(s) responsible: jretegi
Number of researchers: 2
Participating entities: ORKLI, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 01/02/2018
End date: 31/07/2021

5 **Project name:** DISFUNDI-Machining of cast iron discs

Quality in which it has participated:
Researcher(s) responsible: Garay, Ainhara
Number of researchers: 5
Participating entities: FAGOR EDERLAN, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 02/11/2017
End date: 30/09/2018

Project name: PMCGOIZPER-Continuous Improvement Process Goizper
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 2
Participating entities: GOIZPER, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 11/09/2017
End date: 27/07/2018

Name of the project: DEBAGOIENA 4.0-Debagoiena 4.0
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 3
Participating entities: DEBAGOIENAKO MANKOMUNITATEA
Funding organisation(s): Projects Abroad
City:
Start date: 01/09/2017
End date: 31/10/2017

8 **Name of the project:** JAIZKIBEL-Proyecto Jaizkibel
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 2
Participating entities: OFFICIAL CHAMBER OF COMMERCE,
INDUSTRY AND NAVIGATION OF GIPUZKOA
Funding organisation(s): Projects Abroad
City:
Start date: 06/02/2017
End date: 31/05/2017

Title of the project: ECONATRA2-Management of environmental indicators
of the Natra Group
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 1
Participating entities: NATRA MIDCO, S.L

Funding organisation(s): Projects Abroad
City:
Start date: 26/02/2016
End date: 29/07/2016

Project name: HOBKANTER-Hobekanter
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 1
Participating entities: OFFICIAL CHAMBER OF COMMERCE,
INDUSTRY AND NAVIGATION OF GIPUZKOA
Funding organisation(s): Projects Abroad
City:
Start date: 02/12/2013
End date: 30/04/2014

Title of project: IKASHOBER-MATZERREKA- IMPROVEMENT OF
PROCESSES THROUGH TRAINING AND APPLICATION OF THE
IKASHOBER METHODOLOGY IN MATZ ERREKA
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 3
Participating entities: MATZ-ERREKA, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 02/09/2013
End date:

Project title: ECONATRA-Environmental impact assessment of the 5
NATRA plants
Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 1
Participating entities: NATRA OÑATI, S.A.
Funding organisation(s): Projects Abroad
City:
Start date: 01/05/2013
End date: 31/12/2013

Project name: TALDIS-Optimisation of the process of drilling and cutting
with nodular cast iron discs.
Quality in which it has participated:
Researcher(s) responsible: Garay, Ainara
Number of researchers: 4
Participating entities: FIT AUTOMOCIÓN, S.A.
Funding organisation(s): Projects Abroad

City:
Start date: 02/01/2013
End date: 31/07/2013

Project name: AUMEC-Increase of the machining capacity for a part in the automotive sector

Quality in which it has participated:
Researcher(s) responsible: Garay, Ainara
Number of researchers: 4
Participating entities: FIT AUTOMOCIÓN, S.A.
Funding organisation(s): Projects Abroad
City:
Start date: 01/11/2011
End date: 31/05/2012

Project name: PAC MATZ ERREKA SUJECIÓN-Implantación del PAC en la sección de elementos de sujeción de Matz Erreka

Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 2
Participating entities: MATZ-ERREKA, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 01/02/2011
End date: 30/09/2012

Project name: FIT - Diagnostic of machining situation

Quality in which it has participated:
Researcher(s) responsible: pjarrazola
Number of researchers: 3
Participating entities: FIT AUTOMOCIÓN, S.A.
Funding organisation(s): Projects Abroad
City:
Start date: 10/01/2011
End date: 28/02/2011

Project name: AUTOCONTROL3-Autokontrolaren ezarpena Industrial Sailean

Quality in which it has participated:
Researcher(s) responsible: jaeguren
Number of researchers: 1
Participating entities: GOIZPER, S.COOP.
Funding organisation(s): Projects Abroad
City:
Start date: 04/10/2010
End date:

Title of the project: ACERIA-Technical and economic proposal, analysis of the steelmaking process.

Quality in which it has participated:

Researcher(s) responsible: jaeguren

Number of researchers: 1

Participating entities: CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A.

Funding organisation(s): Projects Abroad

City:

Start date: 01/05/2010

End date: 31/12/2010

Project name: ORKLI-Concatenation of GNUTTI 16 and valve assembly line

Quality in which it has participated:

Researcher(s) responsible: jaeguren

Number of researchers: 1

Participating entities: ORKLI, S.COOP.

Funding organisation(s): Projects Abroad

City:

Start date: 16/11/2009

End date: 30/07/2010

Project name: GOIZPER-Autokontrolaren eta automantenketaren ezarpena GOIZPER S.COOP.

Quality in which it has participated:

Researcher(s) responsible: jaeguren

Number of researchers: 1

Participating entities: GOIZPER, S.COOP.

Funding organisation(s): Projects Abroad

City:

Start date: 22/10/2009

End date: 05/03/2010

Scientific and technological activities

Scientific production

Publications, scientific and technical papers

- 1 Unzueta, Gorka; Esnaola, Aritz; Eguren, Jose Alberto. Framework to evaluate continuous improvement process efficacy: a case study of a capital goods company. Quality Innovation Prosperity. Vol. 24. N. 2. Pp. 93-119,. 2020
Type of production: ARTICLE

- José Alberto Eguren, Aritz Esnaola, Gorka Unzueta. Modelling of an Additive 3D-Printing Process Based on Design of Experiments Methodology. Quality, Innovation, Prosperity. Vol. 24. N. 1., 2020
Type of production: ARTICLE

- Gorka Unzueta, Aritz Esnaola, Jose Alberto Eguren. Continuous improvement framework to develop cultural change: case study, capital goods company. The TQM Journal. Publication date: 7 May 2020. 2020
Type of production: ARTICLE

- Gorka Unzueta Aranguren, Aitor Orue Irasuegi, Aritz Esnaola Arruti, Jose Alberto Eguren Egiguren. Methodology of the design of experiments. Case study, launcher = Design of experiments methodology. Case study, launcher. Dyna (Spain). Vol. 94. N° 1. Pp. 16-21. January,. 2019
Type of production: ARTICLE

- 5 Juan Ángel Balbás Egea, Jose Alberto Eguren Egiguren. Bases for a sustainable energy model. Case study: Basque Autonomous Community. International Journal of Sustainable Energy. Vol. 38. N° 9. Pp. 884-903. Taylor and Francis,. 2019
Type of production: ARTICLE

- Juan Ángel Balbás Egea, Jose Alberto Eguren Egiguren. Model for a sustainable energy transition in Spain. Case study in a district of the Basque Country. International Journal of Energy Production and Management. Vol. 3. N° 4. Pp. 325-337. WIT Press,. 2018
Type of production: ARTICLE

- José Alberto Eguren, Daniel Justel, Ion Iriarte, Aritz Esnaola. Opportunities and incentives for Remanufacturing in the Basque Country. Procedia CIRP. Vol. 73. Pp. 253-258,. 2018
Type of production: ARTICLE

- 8 Jose Alberto Eguren, Unai Elorza, Lourdes Pozueta. Model/framework for addressing continuous improvement projects effectively and efficiently using Six Sigma methodology. Case study of automotive auxialiry company.

Management and Production Engineering Review. Volume 3. N° 4. Pp. 35–46., 2013

Type of production: ARTICLE

J. Soriano, A. Garay, P. Aristimuño, L. M. Iriarte, J. A. Eguren, P. J. Arrazola. Effects of rotational speed, feed rate and tool type on temperatures and cutting forces when drilling bovine cortical bone. *Machining Science and Technology: An International Journal*. Vol. 17. N° 4. Pp. 611-636., 2013

Type of production: ARTICLE

J. Soriano, A. Garay, L.M. Iriarte, J.A. Eguren, P. Aristimuño, P. J. Arrazola. Influence of cutting conditions on temperature rise, feed force and cutting torque when drilling bone. *Advanced Materials Research*. Vol. 498, p. 145-150., 2012

Type of production: ARTICLE

J. A. Eguren, A. Goti, L. Pozueta. Design, application and evaluation of a model for process improvement in the context of mature industrial sectors. Case study = Design, application and evaluation of a model for process improvement in the context of mature industrial sectors. Case study. *DYNA Ingeniería e Industria*. Vol. 86. N° 1. Pp. 59-73., 2011

Type of production: ARTICLE

J. A. Eguren, A. Goti, L. Pozueta. Fast learning education within companies through projects. Implementation of a continuous improvement model for manufacturing companies. *IADAT Journal of Advanced Technology on Education*. Vol 3. N° 4. Pp. 471-473., 2009

Type of production: ARTICLE

director, Ander Errasti Opacua; Migel Mari Egaña, Jose Alberto Eguren. *International manufacturing networks*. 2011

Type of production: BOOK

Jose Alberto Eguren Egiguren. *Prozesuko HMEA (Hutsegite moduen eta haien eraginen eraginen analisisa)*. 2005

Type of production: BOOK

Jose Alberto Eguren, Carmen Jaca, Sandra Martínez, Raul Poler, Javier Santos. *Planning/scheduling integrated system and shop floor management. Global Production Networks :operations Design and Management*. Edited by Ander Errasti. 2nd ed. Pp. 191–224. Boca Raton, Florida: CRC Press, Taylor and Francis Group., 2013

Type of production: CHAPTER - BOOK

Javi Santos, Carmen Jaca and Jose Alberto Eguren. *Planning/scheduling integrated system and shop floor management. International manufacturing networks: Global operations design and management*. dir. Ander Errasti Opacua. Pp. 151-178. San Sebastian. Tecnum, Universidad de Navarra, January. 2010

Type of production: CHAPTER - BOOK

Ander Errasti Opacua, Javi Santos, Carmen Jaca, José Alberto Eguren.
International Manufacturing Networks: Global Operations Desing and
Management. Editorial: Tecnun Universidad de Navarra. 2010
Type of production: CHAPTER - BOOK

Papers presented at national or international conferences

-
- 1 **Título:** Training in Quality Engineering concepts and skills : case Study, simulations paper propeller using Six Sigma based methodology
J.A. Eguren, T. Bertlin, J. Rehunen, G. Unzueta
Advances in Engineering Networks. De Castro R., Giménez G. (eds). ICIEOM 2018. Lecture Notes in Management and Industrial Engineering. Springer, Cham,
Scope of the congress: International
Country: Switzerland
-
- Título:** Evaluating the maturity level of continuous improvement based on improvement routines: a case study of a capital goods SME
Gorka Unzueta, Arizt Esnaola, Jose Alberto Eguren
14th International Conference on Industrial Engineering and Industrial Management. XXIV Congreso de Ingeniería de Organización
Scope of the congress: International
Country: Spain
-
- Título:** Methodology for designing robust processes based on Design of experiments. Case study prepared for training in the methodology, Launcher G. Unzueta, J. A. Eguren
Engineering Digital Transformation. Proceedings of the 11th International Conference on Industrial Engineering and Industrial Management. Pp 283-292. Lecture Notes in Management and Industrial Engineering. Editors, Ángel Ortiz, Carlos Andrés Romano, Raul Poler, José-Pedro García-Sabater. Springer International Publishing,
Congress scope: National-International
Country: United States
-
- Título:** Model to implement continuous improvement process, Case study of equipment goods company
Gorka Unzueta Aranguren, Arizt Esnaola Arruti, Jose Alberto Eguren Egiguren
Proceedings of the 21th QMOD - ICQSS Conference. Cardiff University, Wales. 22-24 August, 2018. Editor, Su Mi Park-Daahlgard
Scope of the congress: International
Country: United Kingdom
-
- 5 **Título:** Design and implementation of a simulation game for the acquisition of skills and competencies in the process of execution of Continuous Improvement projects
José Alberto Eguren, Gorka Unzueta
Active Teachers - Active Students: Proceedings of the 13th International Workshop Active Learning in Engineering. Eds. E. de Graaff, M. Farreras, N. Arexolaleiba. Pp. 201-2012. Aalborg Universitetsforlag,
Scope of the congress: International-International
Country: Denmark
-

Título: Design and implementation of an evaluation system for a continuous improvement model in an automotive supplier company

José Alberto Eguren, Lourdes Pozueta
Active Teachers - Active Students: Proceedings of the 13th International
Workshop Active Learning in Engineering. Eds. E. de Graaff, M. Farreras, N.
Arexolaleiba. Pp. 213-224. Aalborg Universitetsforlag,
Scope of the congress: International-International
Country: Denmark

Title: Design of an innovation metamodel of territorial competitiveness based on
the models of industrial ecosystems and regional development.
Jaione Ganzarain, Eider Fortea and Jose Alberto Eguren
6th International Conference on Industrial Engineering and Industrial
Management / XVI Congreso de Ingeniería de Organización. Vigo. 18-20 July,
Scope of the congress: International-National
Country: Spain

- 8 **Título:** Lean Six Sigma approach put into practice in an empirical study
S. Martinez S, A. Errasti A, J. A. Alberto
6th International Conference on Industrial Engineering and Industrial
Management/ XVI Congreso Ingeniería de Organización. Vigo. 18-20 July,
Scope of the congress: International-National
Country: Spain
-

Título: Design and implementation of an APQP : a case study in a wind sector
company
G. Unzueta, J. A. Eguren, S. Martinez
Proceedings of the 15th QMOD Conference on Quality and Service Sciences.
Poznan, Poland. 5-7 September. Ed. COMPRINT, Poznan Univ. of Technology,
Scope of the congress: International
Country: Poland

Título: Effects of rotational speed and feed rate on temperature rise, feed force
and cutting torque when drilling bovine cortical bone
J. Soriano, L. M. Iriarte, J. A. Eguren, P. Aristimuño, A. Garay, P. J. Arrazola
AIP Conference Proceedings. Vol. 1431. (4th Manufacturing Engineering
Society International Conference (MESIC 11) Cadiz. 21-23 September) N°1. Pp.
408,
Scope of the congress: International
Country: United States

Título: Model framework for continuous improvement programme development
to gain sustainable performance improvement in manufacturing facilities: an
empirical study
J. A. Eguren, A. Goti, L. Pozueta, C. Jaca
International Conference on Advances in Production Management Systems
(APMS 2010). Cernobbio, Lake Como (Italy) 11-13 October
Scope of the congress: International
Country: Italy

Title: Modelling dynamic systems of improvement teams
C. Jaca, M. Ormazabal, J. A. Eguren, L. Pozueta, J. M. Sarriegi, J. Hernantes

XIV Congress of Organisational Engineering. San Sebastian 8-10 September,
pag. 999-1008

Scope of the congress: National

Country: Spain

Title: Application of a Continuous Improvement model for production
processes. Fagor Ederlam case study

J. A. Eguren, L. Pozueta

XV Automotive Quality and Environment Congress. Pamplona. 21-22 October,

Scope of the congress: National

Country: Spain

Title: Design and Application of an Evaluation System of a Continuous
Improvement Model in an Auxiliary Automotive Company

J. A. Eguren, L. Pozueta, A. Goti

XIV Congress of Organisational Engineering. San Sebastian. 8-10 September,
pag. 938-947

Scope of the congress: National

Country: Spain

Title: Mastering the process. Learning from variability

J. A. Eguren, L. Pozueta

15th European Week of Quality and Excellence. 8-19 November,

Scope of the congress: International

Country: Spain

Título: Development of a fast learning based continuous Improvement model for
manufacturing companies

J. A. Eguren, A. Goti, L. Pozueta, V. Rodriguez

5th IADAT International Conference on Education. Bilbao. 24- 26 June,

Scope of the congress: International

Country: Spain

Título: Development of a 6 sigma based continuous improvement model for
mature sectors

J. A. Eguren, A. Goti, V. Rodriguez, L. Pozueta

5th International Working Conference "Total Quality Management : Advanced
and intelligent approaches". Belgrade. 31 May - 4 June, pg 399-

Scope of the congress: International

Country: yu

Title: Application of a continuous improvement model in automotive and
household appliance auxiliary companies.

J. A. Eguren, A. Goti

Book of abstracts : III International Conference on Industrial Engineering and
Industrial Management, XIII Congreso de Ingenieros y de

Organizaciones, Barcelona-Terrassa, September 2-4. Pp. 532-541,

Scope of the conference: International

Country: Spain

Title: Rapid Learning and Continuous Improvement as a Competitiveness Strategy

J. A. Eguren, L. Pozueta

13th Automotive Quality and Environment Congress. Vitoria. 30-31 October,

Scope of the congress: National

Country: Spain

Title: Improvement of an engineer-to-order production system based on the GRAI methodology: an empirical study.

Ander Errasti Opakua, Raul Poler Escoto, Jose Alberto Eguren, Juan Ignacio Igartua

Proceedings : International Conference on Industrial Engineering and Industrial

Management : XI Congreso de Ingenierí́a de Organización (CIO)

: September 5-7, Pp. 169-170,

Congress scope: National-International

Country: Spain

21 **Title:** Evolution of a continuous improvement programme in an auxiliary production plant in the domestic appliance sector: an empirical study.

José Alberto Eguren Egiguren, Ander Errasti Opakua

International Conference on Industrial Engineering and Industrial Management

/ XI Congreso de Ingeniería de Organización. Madrid. 5-7 September, Pp. 267-

268

Congress scope: National-International

Country: Spain

Title: Development of a method for the implantation of industrial ecosystems to

Ibon Serrano Lasa, Izaskun Torre Garaizabal, José Alberto Eguren Egiguren

IX Congress of Organisational Engineering. Gijón. 8-9 September 2005

Sphere of congress:

Country: Spain

Papers presented at national or international conferences, seminars, workshops and/or courses.

1 **Title:** "Process Mastery. Learning from variability".
Name of the event: Quality, Science, Technology, Innovation and Excellence Week
City: Bilbao
Date: 20/11/2009
Organising entity: EUSKALIT
City: Bilbao

Title: "Process Mastery. Learning from variability".
Name of the event: "Process Mastery. Learning from variability".
City: Arrasate-Mondragon
Date: 13/11/2009
Organising entity: Euskalit
City: Arrasate-Mondragon

Title: Application of an Improvement Model (IM) - FAGOR Case
Name of the event: XV Congress on Quality and Environment in the Automotive Industry
City: Pamplona
Date: 21/10/2010
Organising body: Asociación Española de la Calidad AEC (Spanish Quality Association)
City: Pamplona

Title: Minimisation of Hazardous Waste in the Metal and Metal Products Processing Sector
Name of the event: Ekosteguna
City: Bilbao
Date: 11/12/2014
Organising entity: IHOBE
City: Bilbao

5 **Title:** Improvement of quality and professional development through Six Sigma methodology in Fagor Ederlan and Fagor Electrónica.
Name of the event: XIII CONGRESS ON QUALITY AND ENVIRONMENT IN AUTOMOTION
City: Vitoria
Date: 30/10/2008
Organising body: AEC Asociación Española de la Calidad (Spanish Quality Association)
City: Vitoria

Experiences in R&D&I management and participation in scientific committees

Scientific advisory committees, scientific societies

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- 1 **Title of the committee:** XXIV Congress of Organisational Engineering (CIO2020).
Start date: 09/07/2020

Título del comité: Quality Management and Organisational Development Conference (QMOD 22)
Start date: 13/10/2019

Committee title: International Reviewers Committee
Start date: 11/10/2010

Experience in evaluation and review of R&D projects and articles.

1 **Responsibilities performed:** Reviewing and assessing scientific articles.
Organising entity: Omnia Publisher SL
City: Barcelona
Type of activity: Reviewer
Access system: <http://www.omniascience.com>
Scope: INTERNATIONAL
Start date: 01/04/2015

Responsibilities performed: Reviewing and evaluating scientific articles.
Organising entity: Wiley online library
City:
Type of activity: Reviewer
Access system: <http://eu.wiley.com>
Scope: INTERNATIONAL
Start date: 04/04/2011

Responsibilities performed: Reviewing and evaluating articles received.
Organising entity: Publicaciones DYNA SL
City: BILBAO
Type of activity: Reviewer
Access system: <http://www.dynapubli.com>
Scope: NATIONAL
Start date: 01/12/2008

Other merits

Stays in public or private R&D&I centres

- Implementing entity:** CENTRE DE FORMATION CONTINUE ET D'ÉDUCATION PERMANENTE GRETA AIN NORD-EST
Type of organisation: Lifelong learning centre
City: Balignat
Start date: 20/10/1992 - 11/06/1993
Objective of the stay: Training in techniques related to the design of plastic moulds, manufacture of polymer materials and design of plastic parts (4 stays of one week).
Verifiable tasks:

Membership of thematic networks

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- 1 **Title:** Member of the board of ACLIMA
Identification of the network: Cluster of Environmental Industries of the Basque Country, the benchmark of the Basque eco-industry.
Start date: 09/01/2005
End date: 04/11/2010
-

Name: Mondragon EKO
Identification of the network: Corporate platform to drive forward-looking business in the green economy sector
Start date: 22/10/2015
End date:
